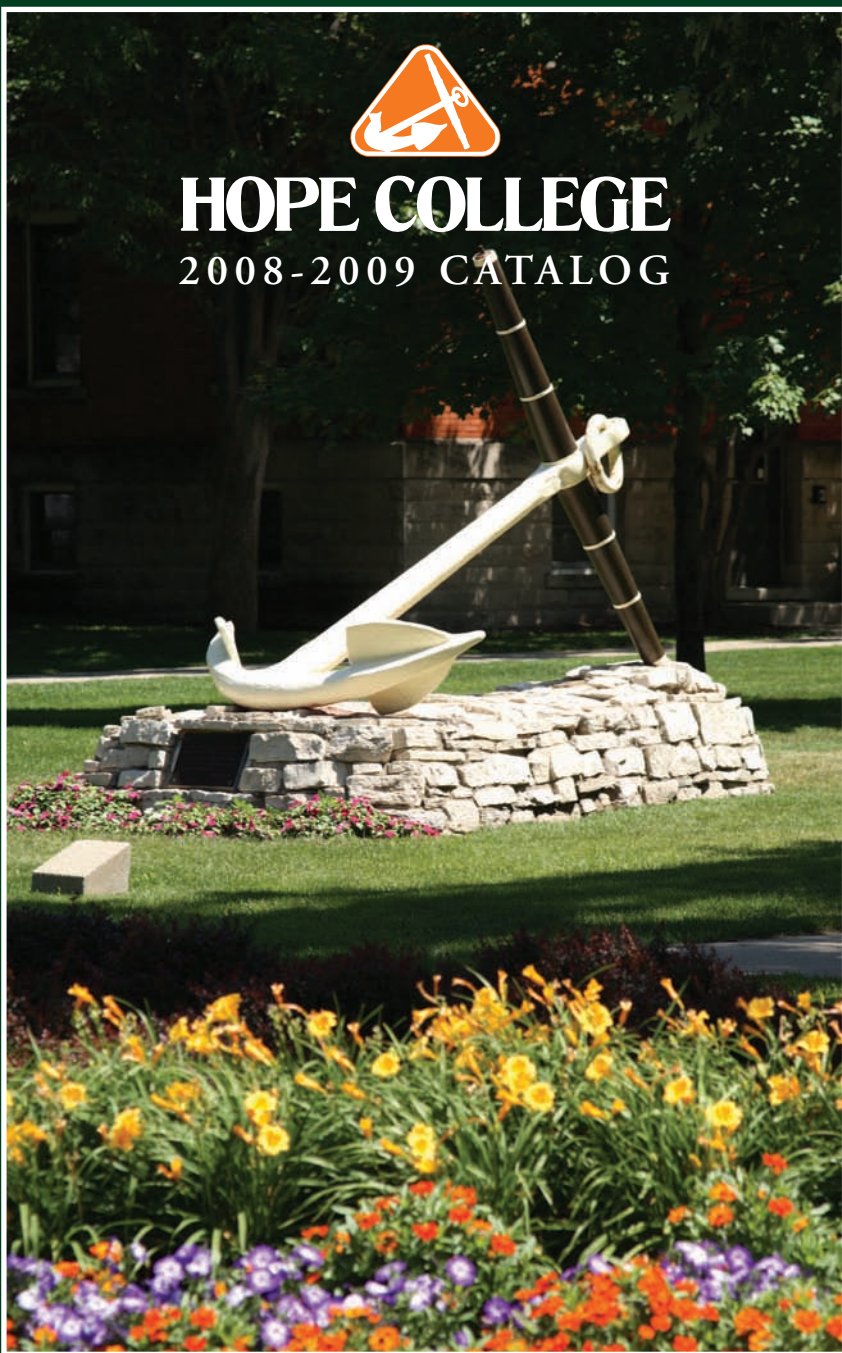




HOPE COLLEGE

2008-2009 CATALOG





Volume No. 144

Published August 1, 2008

Hope College is committed to the concept of equal rights, equal opportunities, and equal protection under the law. Hope College admits students of any race, color, national and ethnic origin, sex, creed or handicap to all the rights, privileges, programs and activities generally accorded or made available to students at Hope College. It does not discriminate on the basis of race, color, national and ethnic origin, sex, creed or handicap in administration of its educational policies, admissions policies, and athletic and other school-administered programs. With regard to employment, the college complies with all legal requirements prohibiting discrimination in employment.

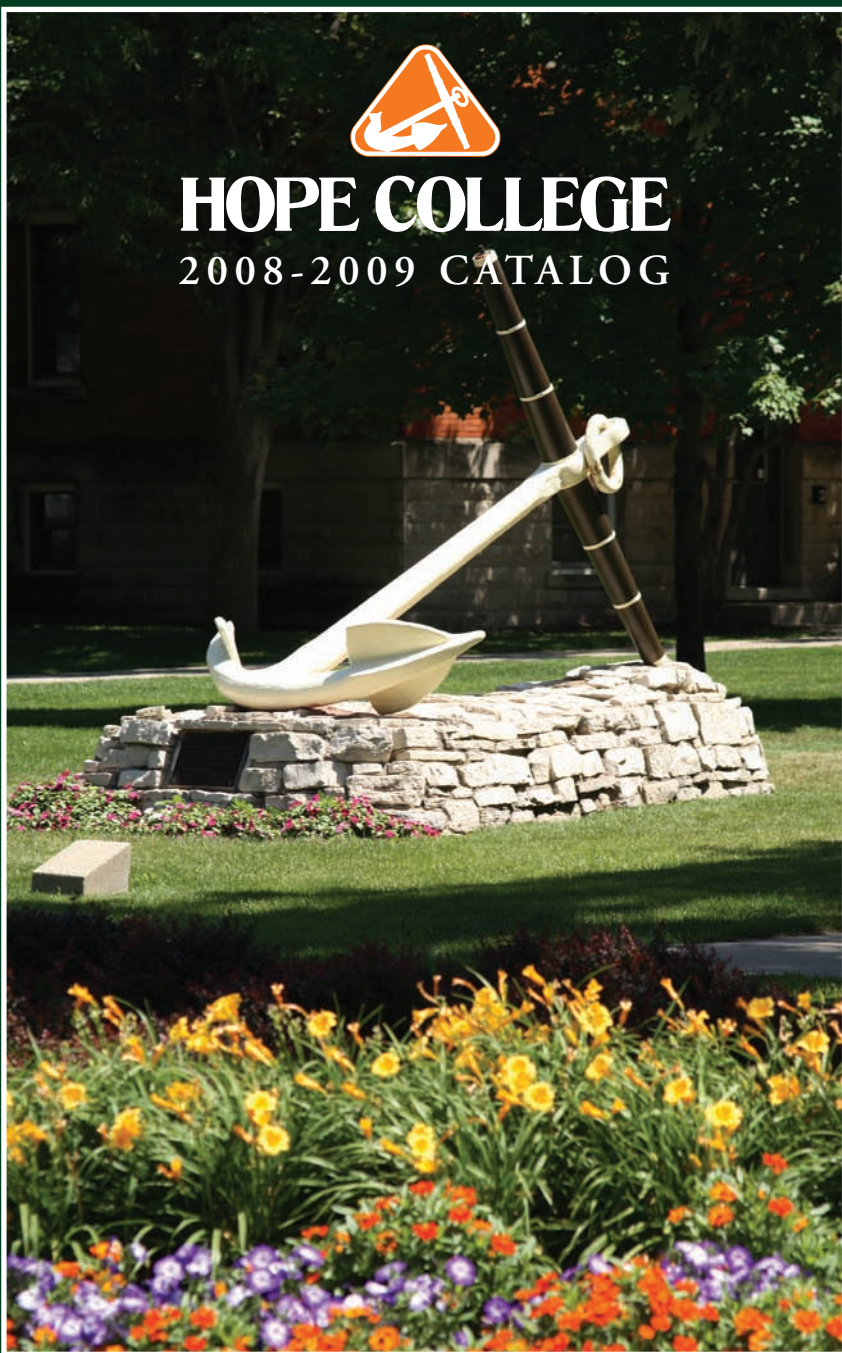
**Notice Regarding the Contents
of this Catalog:**

Hope College makes every effort to insure that the material published in this catalog is accurate at the time of publication. This catalog is not a contract or an offer to contract. The college reserves the right to make changes to its curriculum, programs, fees and policies at any time without notice. Questions relative to the content of this catalog should be directed either to the Registrar or to the Office of Public and Community Relations.



HOPE COLLEGE

2008-2009 CATALOG





Volume No. 144

Published August 1, 2008

Hope College is committed to the concept of equal rights, equal opportunities, and equal protection under the law. Hope College admits students of any race, color, national and ethnic origin, sex, creed or handicap to all the rights, privileges, programs and activities generally accorded or made available to students at Hope College. It does not discriminate on the basis of race, color, national and ethnic origin, sex, creed or handicap in administration of its educational policies, admissions policies, and athletic and other school-administered programs. With regard to employment, the college complies with all legal requirements prohibiting discrimination in employment.

**Notice Regarding the Contents
of this Catalog:**

Hope College makes every effort to insure that the material published in this catalog is accurate at the time of publication. This catalog is not a contract or an offer to contract. The college reserves the right to make changes to its curriculum, programs, fees and policies at any time without notice. Questions relative to the content of this catalog should be directed either to the Registrar or to the Office of Public and Community Relations.



HOPE COLLEGE

HOLLAND, MICHIGAN 49423

TELEPHONE (616) 395-7000

<http://www.hope.edu/>

*a four-year coeducational liberal
arts college affiliated with the
Reformed Church in America*

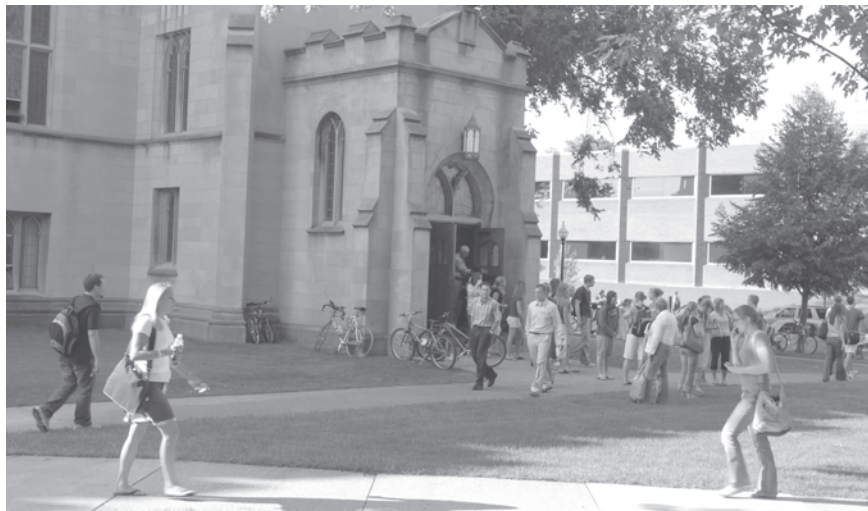
The mission of Hope College is to educate students for lives of leadership and service in a global society through academic and co-curricular programs of recognized excellence in the liberal arts and in the context of the historic Christian faith.

The "Hope People" personality profiles in this catalog were written by Danielle K. Johnson, a Hope College senior from Kalamazoo, Mich.

TABLE OF CONTENTS



HOPE AT A GLANCE	3
HOPE'S REASON FOR BEING	4
ACADEMIC EXCELLENCE	5-10
A VISION OF HOPE	11
THE VIRTUES OF PUBLIC DISCOURSE	12
HOPE PEOPLE	13-31
THE CAMPUS	32-47
CAMPUS SERVICES	48-53
CAMPUS LIFE	54-63
ADMISSION TO HOPE	64-68
FINANCIAL AID FOR STUDENTS	69-78
STUDENT EXPENSES	79-82
GENERAL ACADEMIC REGULATIONS	83-94
THE DEGREE PROGRAM	95-111
ACADEMIC SESSIONS	112
COURSE LISTINGS AND GLOSSARY OF TERMS	113
THE CURRICULUM	
Art and Art History	114-119
Asian Studies	120
Biology	121-126
Chemistry/Biochemistry	127-133
Communication	134-139
Computer Science	140-143
Dance	144-150
Economics, Management, and Accounting	151-161
Education	162-173
Engineering	174-182
English	183-191
Environmental Studies	192-194
Ethnic Studies	195
General Education Mathematics and Science (GEMS)	196-199
Geological and Environmental Sciences	200-206
History	207-216
Interdisciplinary Studies	217-224
International Studies	225
Kinesiology	226-233
Leadership	234-235
Mathematics	236-241
Studies in Ministry	242-245
Modern and Classical Languages	246-267
Music	268-282
Neuroscience	283-284
Nursing	285-291
Philosophy	292-297
Physics	298-303
Political Science	304-311
Psychology	312-317
Religion	318-322
Sociology and Social Work	323-331
Theatre	332-337
Women's Studies	338-340
SPECIAL ACADEMIC PROGRAMS	341-354
INTERNSHIPS	355
PRE-PROFESSIONAL PROGRAMS	356-361
DIRECTORIES	
The Board of Trustees	362
The Faculty	363-394
Administrative Staff	395-408
Alumni Association and Parent Relations	409
HONORS AND AWARDS	410-423
IMPORTANT DATES FOR PROSPECTIVE STUDENTS	424
CALENDAR (2008-09)	425
ENROLLMENT REPORT (2007-08)	426
INDEX	427-432
CORRESPONDENCE DIRECTORY	Inside Back Cover



In 1851, four years after settlers from the Netherlands founded Holland on the eastern shore of Lake Michigan, a school was established to meet the educational needs of the young colony. In carving their new community from the wilderness, the Dutch settlers were sustained by a love of liberty and devotion to God that set the guidelines for their new institution. This Pioneer School evolved into the Holland Academy, which in 1862 enrolled its first college class. On May 14, 1866, the institution was chartered as Hope College, and on July 17, 1866, the first class of eight students graduated.

Today Hope College is a distinguished and distinctive four-year, liberal arts, undergraduate college, affiliated with the Reformed Church in America. Its great religious heritage is expressed through a dynamic Christian community of students and teachers vitally concerned with a relevant faith that changes lives and transforms society.

The curriculum offers a variety of courses in 90 majors leading to a Bachelor of Arts, Bachelor of Music, Bachelor of Science, or Bachelor of Science in Nursing degree. The college has long been known for outstanding pre-professional training. Each year many graduates go on to further study in the leading graduate and professional schools in this country and abroad; others directly enter professions.

Hope College is accredited by The Higher Learning Commission and a member of the North Central Association, 30 North LaSalle St.; Suite 2400; Chicago, IL 60602; phone 800-621-7440. Hope is also accredited by the American Chemical Society, the Commission on Accreditation of Athletic Training Education, the Commission on Collegiate Nursing Education, the Council on Social Work Education, the National Association of Schools of Art and Design, the National Association of Schools of Dance, the National Association of Schools of Music, the National Association of Schools of Theatre, the National Council for Accreditation of Teacher Education, the Engineering Commission of the Accreditation Board for Engineering and Technology for the Bachelor of Science Degree with a major in engineering, and other agencies.

Hope is a member of the Michigan Intercollegiate Athletic Association and fields varsity teams for men and women in 18 sports. An active intramural program is also offered.

HOPE'S REASON FOR BEING



Hope occupies a special place in the vast array of educational opportunities offered in the United States. It makes its contribution to the vitality and diversity of American higher education through the distinctiveness of its educational philosophy and program. As a liberal arts college offering education within the context of the historic Christian faith, Hope is a place of open inquiry, acceptance of intellectual challenge, rigorous engagement with hard questions, and vigorous but civil discussion of different beliefs and understandings; in the words of the Covenant of Mutual Responsibilities between the Reformed Church in America and its colleges, it is a place characterized by “an atmosphere of search and confrontation that will liberate the minds, enhance the discernment, enlarge the sympathies, and encourage the commitments of all students entrusted to (it).” For more than a century, Hope has cherished the conviction that life is God’s trust, a trust which each of us is called to personally activate by an insistent concern for intelligent involvement in the human community and its problems.

Hope’s Reason for being is each individual student. It seeks to develop the growth of each student as a competent, creative, and compassionate person. Its design is to provide a complete opportunity for the fulfillment of each individual student, not only for his or her self-gratification, but also for what can be given to others in service to God and humanity.

Hope Believes that a vital faith, which provides both the incentive and dynamic for learning and living, is central to education and life.

Hope Welcomes capable men and women of all social and economic levels. Hope is interested in students who sincerely seek to enlarge their minds, to deepen their commitments, and to develop their capacities for service.

Hope Provides an adventure in learning and living, not only for knowledge and wisdom, but also for understanding, meaning, and purpose.

As partners in this seeking fellowship, Hope students find a faculty of professionally distinguished scholars who have a genuine concern for the total development of each student. Hope’s finest professors teach introductory as well as advanced courses. Independent work on a self-directed basis is encouraged.

Hope Offers a well-equipped and friendly environment. Campus life pivots around residence halls, which serve as social centers and provide congenial surroundings for students to learn with one another. The diversity of student backgrounds, geographic and ethnic origins, and personal interests adds variety and richness to the group living experience. The campus is accessible to students who are mobility impaired. Examples of all housing options (residence hall, apartment and cottage), as well as most major academic buildings, are accessible to mobility-impaired persons.

Many co-curricular activities and cultural events provide a variety of rich opportunities for learning and personal development.

Hope Prepares men and women who are persons in their own rights — uncommon men and women who have a personal dignity based on intelligence, a sense of responsibility, and a deeply rooted faith. For more than a century, Hope has prepared alumni to go to the four corners of the world — alumni who have enriched their professions and humanity far out of proportion to their numbers. Hope graduates aim to go beyond specialization toward a synthesis of all learning in life.



Hope has long been recognized as a leading educational institution whose alumni have gone on to achieve distinction in their chosen professions. Distinguished academic, religious, political and business leaders are among Hope's graduates.

Government and foundation grants to individuals, to departments and to the college demonstrate the quality of the institution: outside grants to departments and faculty have totaled more than \$5 million in the past two years.

Hope tied for fourth nationally in the "Undergraduate research/Creative projects" category in the *America's Best Colleges 2003* guide published by *U.S. News and World Report* for its success in teaching through active learning; Hope continues to be named to the annual listing, although the schools are no longer ranked. In addition, the guide's 2008 edition includes Hope among the top 100 liberal arts colleges in the nation.

The new edition of the book *Colleges That Change Lives* cites Hope as one of 40 "life-changing" colleges that are "outdoing the Ivies and the major universities in producing winners" and describes the college as a place that "raises higher education's moral and intellectual levels."

The 2008 *Fiske Guide to Colleges* includes Hope as one of the country's "best and most interesting" colleges and universities, describing the college as an institution with traditional Christian roots and an emphasis on undergraduate research where, in the words of one student, "the quality of teaching is off the charts."

Hope is among 50 colleges recommended by the Intercollegiate Studies Institute in its guide *All-American Colleges: Top Schools for Conservatives, Old-Fashioned Liberals and People of Faith*, which notes that "The students and faculty we spoke with confirm that the school walks its talk; Hope College is both academically serious and theologically earnest."

Hope is one of only 10 church-related colleges and universities nationwide highlighted in the book *Putting Students First: How Colleges Develop Students Purposefully*. The institutions were included specifically for being "individually and collectively distinguished and distinctive in fostering holistic student development."

ACADEMIC EXCELLENCE

Evidence of excellence abounds at Hope. For example, the Van Wylen Library was named the national winner in the college category of the 2004 “Excellence in Academic Libraries Award” presented by the Association of College and Research Libraries (ACRL). The award recognizes staff for programs that deliver exemplary services and resources to further the educational mission of the institution.

For the past three consecutive years, the college has been named one of the “101 Best and Brightest Companies to Work For” in West Michigan through a program coordinated by the Michigan Business and Professional Association and the National Association for Business Resources. In 2007, the college’s Haworth Inn and Conference Center was named an “Employer of the Year” by Kandu Incorporated, which creates opportunities for people with employment barriers.

Hope College Theatre’s production of *Rose and the Rime*, which was written at the college, was one of only three full-length college- or university-staged plays in the country invited to be presented during the Kennedy Center American College Theater Festival (ACTF) National Festival in Washington, D.C., in April.

Hope is the only private, four-year liberal arts college in the United States with national accreditation in art, dance, music and theatre. Hope is also the only college or university in Michigan where business students can participate in the George F. Baker Scholars Program, which provides a wide range of real-world experiences beyond the classroom.

The college’s teacher-education program tied for first from among all teacher-preparation institutions in the state in a report from Michigan’s Department of Education.

A recent report by ResearchCrossroads found that Hope held more funding from the National Science Foundation and National Institutes of Health than any other liberal arts college in Michigan. Hope has one of the largest summer undergraduate research programs in the nation; each year, approximately 180 students participate in summer research at the college.

An ongoing interdisciplinary Hope service project focused on water quality and community health in the village of Nkuv, Cameroon, was one of only four programs named a finalist for the state’s 2008 Carter Partnership Award by Michigan Campus Compact. The project includes the departments of communication, education, engineering and nursing.

For the past two years, since the listing began, Hope has been named to the federal President’s Higher Education Community Service Honor Roll, one of only 17 colleges or universities from Michigan included this past year. Hope is also the only school from Michigan on the top-25 list of small colleges and universities, and fifth among all Michigan schools of any size, for producing Peace Corps Volunteers in 2007.

Jorge Capestany, manager of the DeWitt Tennis Center, was named the “Michigan Pro of the Year” by the Professional Tennis Registry. Vanessa Greene, director of multicultural education, received the Phyllis Scott Activist Award in the annual Giants awards program for making exceptional contributions in shaping the history and quality of life in Greater Grand Rapids. Tom Hoover, executive chef with Hope College Dining Services, was named the “Chef of the Year” by the Greater Grand Rapids Chefs Association of the American Culinary Federation.

ACADEMIC EXCELLENCE



There is a wide diversity of honor societies at Hope. These organizations, open by invitation, give recognition to superior academic achievement and enable Hope's outstanding students to communicate with each other and discuss matters of mutual interest. Two national honor societies, Phi Beta Kappa and Mortar Board, are chartered at Hope. Hope received its Phi Beta Kappa charter in 1971, and is one of 276 institutions in the U.S. and only eight in the state of Michigan able to grant this distinction. Students are elected to Phi Beta Kappa in the spring of their senior year. A complete list of the honor societies at Hope follows:

- | | |
|---|------------------------------------|
| Phi Beta Kappa (national honorary) | Phi Epsilon Kappa (kinesiology) |
| Mortar Board (national honorary) | Pi Delta Phi (French) |
| Alpha Epsilon Delta
(premedical, pre dental) | Pi Kappa Lambda (music) |
| Beta Beta Beta (biology) | Pi Mu Epsilon (mathematics) |
| Chi Omega Omicron (computer science) | Pi Sigma Alpha (political science) |
| Delta Omicron (music) | Psi Chi (psychology) |
| Delta Phi Alpha (German) | Sigma Beta Delta (business) |
| Eta Sigma Phi (classical languages) | Sigma Delta Pi (Spanish) |
| Kappa Delta (forensics) | Sigma Gamma Epsilon (geology) |
| Lambda Pi Eta (communication) | Sigma Omicron (dance) |
| Omicron Delta Epsilon (economics) | Sigma Pi Sigma (physics) |
| Phi Alpha (social work) | Sigma Theta Tau (nursing) |
| Phi Alpha Theta (history) | Sigma Xi (science) |

Hope has a strong commitment to those students that are admitted to its degree programs. This is demonstrated in the fact that its retention rates are excellent and that its graduation rates are very high. In a study done to demonstrate compliance with the Student Right-to-Know and Campus Security Act of 1992, the registrar reported that by 2007 Hope had graduated 78.1 percent of those students admitted as first-year students in the fall of 2001. This figure does not include those students admitted as transfers to Hope. Hope compares favorably with other highly selective institutions in the degree-completion rates of its first-year students.

ACADEMIC EXCELLENCE



Approximately one-third of Hope's graduates enter graduate schools to pursue advanced training for careers in medicine, science, business, education, economics, the humanities, psychology, and all areas of the performing and fine arts. Many of these graduates have received national awards for advanced study in fields as diverse as chemistry, social psychology, foreign languages, history, biology, education and physics.

Hope graduates continue to realize a high success rate in their efforts to get into law school. In recent years, close to 90 percent of Hope students applying to accredited law schools in the United States were accepted. The schools to which they have been admitted include nationally ranked law schools—Columbia, Cornell, Duke, Georgetown, George Washington, Harvard, Michigan, Minnesota, Northwestern, Notre Dame, Ohio State, William and Mary, and Wisconsin—as well as highly regarded regional schools such as Chicago-Kent, Michigan State, Loyola-Chicago, Toledo, Valparaiso, Wayne State and others.

Hope premedical students have been accepted into medical schools at a rate well above the national average. For example, during the past 10 years (1998 through 2007), 88 percent of the Hope applicants whose grade point averages were 3.4 or above were accepted by medical schools. During that same period, another 40 students were accepted who had grade point averages below 3.4.

During the past 10 years (1998 through 2007), 88 percent of the Hope applicants with a grade point average of 3.2 or better were accepted into dental schools.

The college emphasizes a solid program in the liberal arts as a base for both life and career. Career planning and job placement are regarded as important facets of the college experience.

ACADEMIC EXCELLENCE



Curriculum — Hope’s educational program offers a variety of courses in 90 majors. Throughout this educational program, Hope is concerned with developing intellectual discipline and fellowship in inquiry. (See “The Degree Program,” page 95 and departmental listings in “The Curriculum,” beginning on page 114.)

Students are given many opportunities to grow and develop within the academic structure. An active performance/exhibition program in the arts provides professional experiences. Science and social science students conduct research side-by-side with faculty members. Humanities students are encouraged to conduct independent study projects, and each year these students present their papers at divisional colloquia.



ACADEMIC EXCELLENCE



For students with unusual academic maturity, several challenging programs have been designed, as well as independent and tutorial study during all four years. (See “Opportunities for Talented Students,” page 352.)

Research opportunities for students in all disciplines are available both on and off campus. Cross-cultural and language programs at GLCA member colleges permit Hope students to study many foreign cultures and languages both in this country and abroad.

A far-reaching internship program is available in many majors. These internships, available in major U.S. cities as well as Western Michigan, enable students to apply theory in practice and to learn from professionals outside the classroom.

The Hope College Summer Sessions On Campus — Hope offers four-week May, June and July Terms for intensive study in one subject, and one-week concentrated humanities seminars later in the summer. (See “Academic Sessions,” page 112.)

Domestic Off-Campus Programs — Students may enroll in area and language programs at GLCA member colleges, or pursue the arts, government, and urban studies at several locations in the United States. (See “Special Academic Programs,” page 341.)

International Education — The scope of the college’s involvement in international education is broad. Hope College believes that through exposure to a foreign society, students can expand knowledge of their own cultural heritage, gain facility in a foreign language, and achieve new perspectives on America and their own individual identity. (See “Overseas Study Opportunities,” page 342.)

Scholarships, Honors, Awards — Hope’s aim is that all deserving students who desire to attend Hope may do so, regardless of their economic resources. A three-fold student aid program has been developed, which includes scholarships and grants-in-aid, loans, and a work-study program. In addition to serving financially worthy students, the aid program is designed to recognize students for outstanding academic achievement. (See “Financial Aid for Students,” page 69.)

A VISION OF HOPE



The Core Values that shape Hope

- to offer rigorous academic programs;
- to contribute to the body of knowledge in the academic disciplines;
- to nurture vibrant Christian faith;
- to be a caring community;
- to foster development of the whole person—intellectually, spiritually, socially, physically;
- to be wise stewards of resources.

The Vision that motivates Hope

- to pursue truth so as to renew the mind, enrich the disciplines, and transform the culture;
- to inspire passion for knowledge that grows into understanding and bears fruit in wisdom;
- to be an exceptional undergraduate liberal arts college that provides excellent professional and pre-professional programs;
- to be a leading Christian college, ecumenical in character and rooted in the Reformed tradition;
- to enhance education through residential community and superior co-curricular programs;
- to embrace and nurture racial, ethnic, cultural, and geographic diversity;
- to promote faithful leadership and grateful service as manifestations of Christian commitment;
- to engage in mutually beneficial relationships with area communities, academic organizations, the Reformed Church in America, and other partners throughout the world;
- to provide human, physical, and financial resources commensurate with outstanding programs.



One mark of an educated person is the capacity to participate thoughtfully in public discourse on a range of issues, expressing clearly one's own views while at the same time seeking to understand the various counter-positions held within any diverse community. The administration, faculty and student body of Hope College have affirmed a set of biblically grounded standards for the conduct of public discussion of all issues. They are called the *Virtues of Public Discourse*, and are not intended to inhibit the free and energetic expression of views but rather are offered as a set of commitments guiding public expression to foster and energize open and constructive discussion of the varying perspectives within the college community. All members of the Hope community have opportunities to practice these qualities as participants in campus discussions, whether in the classroom, in conversations, or during public events.

Humility recognizes the limitations on any one person's knowledge, and thus makes it possible to learn from the insights of others. Humility says "No" to the pride that prevents open communication, thus encouraging a willingness to consider carefully others' opinions and perspectives. Humility does not mean, however, endorsement of every view encountered.

Hospitality is the virtue of creating a welcoming atmosphere for conversation about divergent commitments and convictions. It is the practice of creating and maintaining safe places for people to express ideas, beliefs, or values, even those that may appear confusing, discomfoting, or simply different from one's own.

Patience is the willingness and the fortitude to stay engaged, calmly persevering, with the knowledge that waiting is not merely doing nothing, but is a persistent determination which reveals and stretches the ability to understand.

Courage is the boldness to accept risks associated with honest advocacy of one's position. Courage requires the strength to freely speak one's convictions even when one's opinions may be considered dangerous or unpopular. Courage also involves the ability to listen openly as people articulate beliefs that are different from one's own.

Honesty is a determined commitment to discovering and speaking the truth. Fidelity to what is the case, and an unwillingness to mislead, are hallmarks of honesty. Honesty fosters an open environment that encourages growth and leads to real progress.



WHY HOPE?

The question is often asked, “What kind of student chooses Hope College?” It would be difficult to define a “typical” Hope student, but in general Hope serves those best who want to be serious students, who are looking for close contact with faculty members and fellow students, and who want a solid program in the liberal arts as a base for both life and career.

Hope is primarily a residential college and the great majority of its students are under 25 years of age and unmarried. The enrollment reflects relative co-educational balance, with last year’s student body consisting of 1,897 women and 1,329 men.

While the current racial make-up of the student body is approximately 90 percent Caucasian, Hope is committed to enhancing the diversity of its student body. As the college strives to reflect the diversity in our society, all Hope students will be afforded the opportunity to prepare for life in a multicultural world.

Most Hope students come from a middle-income background, and 59 percent receive need-based financial aid. On the whole, 91 percent of Hope students receive some kind of financial assistance.

Finally, it is evident that many Hope students consider religion to be a prominent part of their lives. Approximately 17 percent are affiliated with the Reformed Church in America. The second largest denomination is Roman Catholic, representing 12 percent of the student body. Eight other church affiliations have been consistently present during the past decade, indicating a diversity of denominational preference.

When describing an institution, the tendency is to focus on things which are quantifiable and easily measured, such as enrollment, campus facilities, and academic programs.

A more important aspect of Hope College is the people who make up the college community. It is through diverse individuals, such as those featured on the following pages, that the vital nature of a Hope education finds expression.

HOPE PEOPLE

THE FACULTY

The faculty is comprised of men and women of high scholastic attainment who have a deep concern for the growth and development of students. Hope's faculty insures a quality education which has long been the hallmark of the college.

Hope's faculty members serve not only as teachers, but also as counselors, advisors, and friends to students. Outside the classroom, they contribute to the intellectual vitality of the campus through evenings with students in their homes, colloquia and performances, essays in the *Anchor*, and many other informal contacts.

Hope's full-time faculty number 219, and 107 individuals serve as part-time lecturers or adjunct professors. Most hold doctorates or other terminal degrees. The student-faculty ratio is 12.3-to-1, assuring students excellent opportunities for learning interaction and personal contact with professors.

Faculty professional activity is encouraged. Members of the faculty publish widely and are involved in many other scholarly activities.

- Two members of the dance faculty, Rosanne Barton-DeVries and Linda Graham, were among only six choreographers in Michigan to have works chosen to compete for the statewide Maggie Allesee New Choreography Award in October.
- Dr. Albert Bell Jr., professor of history, won the inaugural Evelyn Thurman Young Readers Book Award from Western Kentucky University Libraries for his children's book *The Secret of the Lonely Grave*.
- Two professors received Fulbright Scholar program awards to conduct research abroad during 2008-09; Dr. Edward Hansen, professor of geology and environmental science, to go to Sweden in the fall; and Dr. Matthew DeJongh, assistant professor of computer science, to go to France in the spring.
- Dr. Jeffrey Johnson, assistant professor of chemistry, received a Faculty Start-Up Award from the Camille and Henry Dreyfus Foundation.
- Dr. Deirdre Johnston, professor of communication and chairperson of the department, received the "2007 Outstanding Campus Programming Award" from the Michigan chapter of the American Council of Education.
- Dr. Robin Klay, professor of economics, received a "Faculty/Staff Community Service-Learning Award" from the Michigan Campus Compact.
- Dr. Anne Larsen, professor of French, received the "Translation or Teaching Edition Award" from the Society for the Study of Early Modern Women for her book *From Mother and Daughter: Poems, Dialogues, and Letters of Les Dames des Roches*.
- Dr. Dianne Portfleet, adjunct associate professor of English, received one of only three "Excellence in Advising" awards presented nationwide by Mortar Board.
- Dr. Debra Swanson, professor of sociology, received the 2008 "John F. Schnabel Distinguished Contributions to Teaching Award" from the North Central Sociological Association.
- Dr. Glenn Van Wieren, professor of kinesiology and head men's basketball coach, in January became just the sixth Division III coach to reach 600 wins. The team finished third nationally in 2008. Karla Wolters, professor of kinesiology and head softball coach, achieved her 1,100th career coaching victory, built on wins in softball, volleyball, basketball, field hockey and tennis.

HOPE PEOPLE

For Dr. Amanda Barton, being a nurse practitioner and an assistant professor of nursing is all about personal relationships.

Dr. Barton knew early in her college years that becoming a nurse was what she was called to do, because caring for people was what she loved most. “I realized that I wanted a long-term relationship with patients. I wanted to care for them over time, to watch their children grow. I knew that being a nurse practitioner was what I wanted to do.”

And indeed, she hasn’t turned her back on that dream, but rather has expanded on it. Today, Dr. Barton is a practicing nurse practitioner one day a week in addition to her position as assistant professor at Hope, where she loves building relationships with her students. Some of her favorite things about Hope’s nursing program are its flexibility in accommodating individuals’ interests and the size of the program, which allows for warmth and familiarity between staff and students.

“We get to know our students,” Dr. Barton says. “We know the families they come from, we know what their hopes and dreams are, we know how they learn best. Students are never a number — they are always individuals.”

Dr. Barton also enjoys the diverse spectrum of opportunities that Hope offers to serve and learn. For instance, she is involved in a project to improve the water quality in the village of Nkuv, Cameroon, with Dr. Jeff Brown of the engineering faculty and the Hope College student chapter of Engineers without Borders. Since March 2006, the project has had a positive impact on the morbidity and mortality rate in the village due to water contamination. The education and communication departments are now also involved in the interdisciplinary research/service-learning project.

Many people have worked long and hard on the project, but Dr. Barton affirms that it’s worth it. “It makes a difference,” she says. “Not only are lives saved, but lives are changed — in Cameroon and the village, but also my students and me.”

In addition to her passion for Hope’s department of nursing, Dr. Barton devotes energy to other campus programs as well, her two favorites being the Senior Seminar Program and the CrossRoads Project, which explores calling, vocation and faith. She agrees wholeheartedly with the missions of the programs, but again, it’s primarily the opportunity to interact with the students that draws her in.

“It all comes back to the students,” she says. “Hope has fabulous students. That’s why I look forward to coming to work every day.”



Amanda Barton
Assistant Professor of Nursing

HOPE PEOPLE

Dr. Natalie Dykstra of the Department of English appreciates how Hope College encourages both faculty and students to grow towards their full potential.

She values how Hope encourages her in her scholarship. “I really appreciate the fact that I’ve been allowed to grow in the way that I’ve wanted to grow. I feel supported in my work,” she says. She is currently completing a biography of Clover Adams, wife of the historian Henry Adams and a gifted amateur photographer in the 1880s. Her project has been funded by several Hope faculty research grants and a National Endowment for the Humanities Fellowship in 2005-06. The book is scheduled to be published by Houghton Mifflin in 2009.

She also appreciates how her department encourages her to use her areas of specialization to create new courses, extending the benefits of her scholarship to students. “I’m able to draw on my research interests and incorporate them into my teaching,” she says. “In fact, I teach best when I’m in the midst of my own writing projects.” Her courses include some that stem directly from her independent research: she teaches an upper-level course on literature and photography, and she will soon be teaching a course on literary biography.

Dr. Dykstra notes that Hope both encourages faculty research and maintains a strong emphasis on teaching. “Colleges often over-emphasize research or over-emphasize teaching, but there’s always a conversation here at Hope about how to make that balance,” she says. “I love that teaching is taken seriously.”

She appreciates that teaching and learning at the college extend beyond specific academic disciplines to deeper questions of meaning and faith, and in a way that respects each individual student.

“I enjoy talking to students about issues of faith, but I also like that there’s not a strict programmatic system,” she says. “Faith is so deeply private. It has to be something that students own themselves. Hope gives students the room to work out their own faith.”

Dr. Dykstra also enjoys interacting with students and watching how they develop intellectually over their four years at the college. “I love that I can meet students in their freshman year and then see how they mature from one year to the next,” she says. “Something really profound happens here at Hope — there’s some move that gets made, and it’s fun to see it happen.”

Dr. Dykstra values how her colleagues “respect and invest in students,” she says. “We want students to be successful here and in their whole lives. People thrive here,” Dr. Dykstra says. “And we thrive best when we can learn together.”



Dr. Natalie Dykstra
Associate Professor of English

HOPE PEOPLE

Dr. Huw Lewis, professor of organ in Hope's department of music, greatly values the college's dedication to the arts.

"Hope is very unusual in the importance it places on the arts in the general-education curriculum," he says. He notes that although many schools require an introductory arts course in their curriculum, Hope goes a step further.

"At Hope, you have to create art, not just read about it. You have to have a 'hands on' experience with it at some point. To me, this speaks volumes about the value Hope places on the arts," he says.

Dr. Lewis also appreciates the attitude of the students at Hope. He notes that while the arts often attract a competitive crowd, he has never experienced the negative side of competitiveness in his students.

"Jealousy among students is conspicuously absent at Hope," says Dr. Lewis. "While students want to be their 'best selves,' they also want others to succeed."

In addition to interacting with good-natured students, Dr. Lewis finds that he encounters an atmosphere of passion for learning and teaching, which helps make Hope the inviting place it is.

"When students come to visit our campus, they invariably comment on the warm feel to the place," says Dr. Lewis. "They say, 'Everybody's *so* nice,' and I know what they mean. But the reason students — and faculty — are so good to be around is that people are really excited about being here. Their excitement is palpable."

One of the aspects of teaching at Hope that Dr. Lewis particularly enjoys is the opportunity he has to interact with students from a broad range of musical backgrounds.

"While I have professionally-oriented students who will go on to graduate school to pursue a degree in organ and church music, I also have students from many disciplines who have never played the organ before. I get to teach them from scratch, and I love it," he says.

Dr. Lewis says that the magnificent organ in his studio is evidence that students also appreciate the opportunity to study the organ, even when they are not music majors. "This organ was a gift from a grateful alum," he says. "But he was not a music alum: he was a chemist who had studied organ here and whose interest in the organ was fostered while at Hope."

Hope's emphasis on providing such opportunities to students, particularly within the arts, helps to make it a place to which students develop deep connections, according to Dr. Lewis. "Students feel very much a part of a family — the Hope family — and that continues long after their degrees are finished."



Dr. Huw Lewis
Professor of Music

HOPE PEOPLE

Professor Andy Nakajima loves the opportunity that Hope has given him to pursue his two greatest passions: teaching Japanese and doing pastoral work.

Professor Nakajima originally came to Holland to pursue his Master of Divinity at Western Theological Seminary. But when he heard of an opening for a Japanese teaching position at Hope, he was torn between the two paths. “It was a happy struggle for me, because I wanted to pursue pastoral work, but at the same time my love is to teach Japanese,” he says.

Professor Nakajima values that he was able to teach part time at Hope while attaining his Master of Divinity, so he can now live out both of his passions. Currently, he serves full time at Hope and part time in ministry to the Japanese-speaking people in Western Michigan, for whom he primarily oversees outreach programs.

By serving outside of Hope, Professor Nakajima brings to his classes the idea that living a well-rounded life is important. “I tell my students from day one: your goal is not to just ace your course, but to try to find lifelong friends and lifelong mentors,” he says.

In fact, the opportunity to build those relationships is one of Professor Nakajima’s favorite aspects of Hope. “Students in the past have asked me to be their mentor and I’ve really enjoyed that,” he says. “Those are priceless lifelong relationships.” He also appreciates that, as an ordained minister, he has been able to officiate at former students’ weddings over the years.

In addition to building friendships with students, Professor Nakajima enjoys the support system he has with other faculty members. “We can openly ask about each other and pray for each other,” he says. “It’s a very mutually enhancing experience.”

He also appreciates that Hope’s liberal arts approach teaches students about life issues through the accessibility of the people. “Hope has a really high quality social community,” says Professor Nakajima. “In that way—not just academically, but spiritually, mentally, and intellectually—Hope College prepares students well.”

What makes Hope College a unique place, Professor Nakajima notes, is its service-oriented nature. “I have witnessed so many Hope students who want to serve,” he says. “It’s like a second nature for most of them. It’s a great component of the Hope College education.”

That attitude of service among students further enhances Professor Nakajima’s two loves of teaching and serving God. “The students are always mindful of other people,” he says. “That impresses me so much, and I’m continually learning from them about how to be passionate about serving people.”



Andy Nakajima
Assistant Professor of Japanese

HOPE PEOPLE

Dr. William Polik of the chemistry faculty finds Hope College to be “the whole package.”

In his own discipline, he feels that Hope does a great job of preparing students, especially through the strong undergraduate research program.

“Science is much more than reading a textbook and doing homework. Science is doing actual experiments, discovering new knowledge, and then publishing that knowledge in the scientific literature,” says Dr. Polik. “Hope is one of very few undergraduate institutions that has a strong research program where students are active in the lab.”

Undergraduate research takes place during both the school year and the summer. In fact, some 180 students from departments across the campus conduct research with faculty mentors full time for eight to 12 weeks each summer. It’s a teaching model for which Hope has repeatedly received national recognition.

Dr. Polik’s research in physical chemistry, which uses lasers to study the details of chemical reactions, typically involves three to five students at a time. More than 20 Hope students have become co-authors of published articles based on their work together, and many have since gone on to distinguished careers as educators and researchers themselves.

Dr. Polik has received a variety of national honors for his scholarship at Hope and work advocating undergraduate research and education. In 2006 he was elected a Fellow of the prestigious American Association for the Advancement of Science. He now serves as chair of the American Chemical Society’s Committee on Professional Training.

In addition to valuing the excellent resources in the department of chemistry, Dr. Polik respects how Hope prepares students outside of their specialization.

“The general education curriculum at Hope exposes students to a wide variety of ideas and issues that affect civilization as a whole,” he says. “Hope students are prepared very broadly from a liberal arts perspective to think creatively about different problems, to come up with solutions, and to work together.”

But what seals up Hope as the whole package for Dr. Polik is being able to connect with students. Both in and out of the classroom, he finds that one of the most special things about Hope is the interaction between professors and students.

“Hope faculty care immensely about how their students are doing in life, beyond just the academics. Hope does an excellent job of educating the student as a whole person,” says Dr. Polik. “At Hope, we do much more than just teach in the classroom. We know our students well and we care for our students.”



Dr. William F. Polik
The Edward and Elizabeth Hofma
Professor of Chemistry

HOPE PEOPLE

ADMINISTRATION & STAFF

Many people with a variety of academic, business, counseling, and service skills make up the Hope administration. Some work “behind the scenes;” many work directly with students to provide services and fulfill needs.

As a former Hope student, athlete, professor, coach and dean, President James Bultman has experienced Hope College from almost every angle possible. Through those connections he has found many qualities to love about the college, but one sticks out above the others.

“It’s the people that make Hope special,” he said.

He is impressed by how selfless the students are, observing that they are always finding ways to serve: through mission trips, programs like CASA (Children’s After School Achievement), the annual Dance Marathon fundraiser for Helen DeVos Children’s Hospital, and various other activities.

“Hope students are very giving of their time and energy for people who are less fortunate,” he says. “In a time when people are often described as more self-serving, it’s commendable that Hope students serve others.”

He notes that the students find excellent models in the faculty.

“Hope’s faculty members are great role models for students, demonstrating that there is value in a balanced life—that you can be a scholar and a parent, that you can be involved in your church and your community,” he says. “Life is not one dimensional.”

In fact, President Bultman says that shaping balanced students is one of Hope’s strengths.

“The students get a first-rate education. Hope is intellectually challenging, even rigorous,” he says. “But students at Hope also develop spiritually, socially, and physically.” In fact, “One of the distinctive features of Hope is the ability to combine exceptional academics with vibrant Christian faith.”

President Bultman appreciates the way that the college’s Christian heritage shapes not only students’ education but the Hope environment itself.

“As they prepare for their lives after college, students learn in a place that emphasizes living with purpose and a sense of calling to make a difference in the world,” he says. “And they do so in a nurturing community that strives to make every student part of the wonderful fabric of Hope.”

“Hope is a place that is big on encouragement and slow to be overly critical,” President Bultman says. “Hope is a family.”



Dr. James E. Bultman
President of Hope College

HOPE PEOPLE

Habeeb and Ellen Awad serve at Hope in very different capacities, but one thing that brings them together within Hope is their love for the students.

“I love being with students and having conversations with them—learning about who they are and where they think they’re going in life,” says Ellen, who interacts with a broad range of students as the director of student life.

Habeeb, Hope’s international student advisor, says, “Hope students in general really are kind to the international students and that helps to give them a positive experience. When they graduate from Hope, they leave with a very good impression about Hope and good memories.”

Another aspect that Habeeb and Ellen value about Hope is the college’s Christian perspective. Habeeb, who studied at Western Theological Seminary before coming to Hope, says that he notices and appreciates three pillars that the college upholds. “The tradition, the academic integrity, and the Christian faith—these are the three things that can summarize Hope College,” he says.

Ellen also says, “Faith is a big piece that strengthens what Hope has to offer, because even if you are from a different denomination or have a different perspective on faith, we’re talking about it here,” she says. “It’s not a taboo subject.”

For both Habeeb and Ellen, the Hope community is a family. Since Ellen’s father was a member of the mathematics faculty at Hope, she says, “I grew up at Hope.” Habeeb, however, also sees Hope as a second home. “Ellen grew up at Hope College, and my in-laws have worked at or attended Hope College, so everything is about Hope,” he says. “You grow in this culture and it becomes a second home. The people here are very friendly and it is an approachable community that I really enjoy.”

Sometimes that sense of family shows itself in simple moments, like the first time that international students experience snow. “Most of them do not experience the winter and snow in their home countries,” Habeeb says. “They are seeing snow for the first time, experiencing something different for the first time. Those little things make a huge difference in their lives and impact them.”

Other times, the sense of family plays out through activity like working with students to plan an event—day-to-day interaction that, for staff members like Ellen and Habeeb, is itself inspiring. “Hope students are bright, capable, invested, involved, enthused, and they’re a lot of fun,” Ellen says. “For me, it’s motivating to be around them, to brainstorm with them, and to create and make things happen in partnership with them.”



Habeeb and Ellen Awad
International Student Advisor
Director of Student Life

HOPE PEOPLE

Dr. John Jobson says that he appreciates Hope for the importance the college puts on integrating the social part of life with the academic. His perspective stems from his own days as a Hope student.

“My experience as a student-athlete who also was involved with many other extra curricular activities would have been way outside the norm for lots of other places, but it was not outside the norm for Hope,” he says. “I love the ability that Hope gives its students to do all those things and have a well-rounded experience.”

Now, as an administrator, Dr. Jobson admires how the relationships between staff and students help shape that rounded experience in a positive way. “Students have a personal connection to the administrators and faculty, from the president to the provost,” he says. “Our president and dean of students eat meals with students on a regular basis, which is a really neat thing for our students.”

For his own part, Dr. Jobson hopes that students realize that his door is always open to them. “I try to help students find all the best resources that can be helpful to them,” he says. “I like helping students when they’re in a bind, because those are ways that I can feel like I made a difference.”

The connection to Dr. Jobson is beneficial beyond Hope as well, he notes. “One of the most rewarding parts of interacting with the students is when I get to write letters of recommendation,” he says. “I actually know the person I’m writing about very much beyond their resumes, so it’s very easy to say ‘I really do recommend this person, and here’s why.’”

In addition to student and administration relationships, Dr. Jobson says that Hope’s residential life program provides a very supportive environment in general, which he attributes primarily to a strong staff that includes many students as resident assistants. “There are more connection points for students to interact with people who have had training about the resources of the college: things to help make sure that the students are engaging academically, that they’re doing okay, and that they’re safe,” he says.

As residential life director, Dr. Jobson deals with a broad range of issues on a daily basis, but that is part of what he likes best about his position and about Hope. “There is a lot of blurring of boundaries,” he says. “There are so many things I deal with in a given day, but in some sense that’s a microcosm of what the whole college is about, which is that integrated ‘we’re-all-in-this-together’ mentality.”



Dr. John Jobson
Assistant Dean of Students and
Director of Residential Life and Housing

HOPE PEOPLE

THE STUDENTS

Through the years, Hope students have displayed their academic, athletic and leadership talents, not only campus-wide, but regionally and nationally. A number of 2007-08 student accomplishments appear below:

Kevin Steinbach, a 2008 graduate from Downers Grove, Ill., was one of only two second-place finishers worldwide, receiving the “Distinguished Translation Award,” for translating materials into English from Japanese in the Shizuoka International Translation Competition organized by Shizuoka Prefecture in Japan.

Three chemistry majors received prestigious Goldwater Scholarships for the 2008-09 academic year, out of only 321 awarded nationwide: seniors Kristin Dittenhafer of Midland, Mich.; Jonathan Moerdyk of Paris, Mich.; and Amy Speelman of Darien, Ill.

Multiple graduating seniors or recent graduates received fellowships to teach abroad during 2008-09, including three through the Fulbright U.S. Student Program sponsored by the U.S. Department of State.

Two teams of psychology students received Regional Research Awards from the Midwestern chapter of Psi Chi, the National Honor Society in Psychology, the ninth year in a row that Hope students received the honor and the third consecutive year that at least two Hope projects were honored. Those recognized were 2008 graduates Kim Boelkins of Ada, Mich., and Megan Kleinheksel of Zeeland, Mich., with senior Krista Mehari of Grand Rapids, Mich.; and senior Nova Hinman of Portage, Mich., and 2008 graduate Ross Knoll of Grand Haven, Mich.

The Alcor Chapter of Mortar Board received the national organization’s “Golden Torch Award” and “Project Excellence Award” for the 2006-07 academic year. It was the second consecutive year that the chapter received both honors.

Jon Van Wyngarden, a senior from Holland, Mich., was named the AmeriCorps “Member of the Month” for October 2007 for the state of Michigan.

Tyler Depke, a senior geology major from Grayslake, Ill., won second place nationwide for his short film “STOP! Think Green and Save” in the National Geographic Channel’s 2008 “Preserve Our Planet” College Film and PSA Contest.

John Donkersloot, a sophomore from Zeeland, Mich., won the Grand Rapids Youth Symphony’s 2008 Piano Concerto Competition.

Multiple music students earned honors in the National Association of Teachers of Singing Michigan State Chapter Auditions, including a first-place finish in the Musical Theatre category by Dane Clark, a 2008 graduate from Grand Rapids, Mich.

Michael Kaffka, a 2008 graduate from Naperville, Ill., had an original dance work selected to be performed during the Gala Concert of the 2008 East Central Regional Conference of the American College Dance Festival Association.

The Men’s and Women’s Basketball Teams both advanced to post-season play, with the men finishing third in the nation and the women reaching the Elite Eight.

HOPE PEOPLE

Robin Baker chose to attend Hope because, she says, “I knew I was going to be challenged, and that’s what I wanted.”

Now a junior, Robin has certainly been challenged over the past two years. In addition to her sociology major, she has kept busy with many extracurricular activities, such as the Pull tug-of-war, spring break mission trips, the Phelps Scholars Program, Nykerk play, Nykerk oration, and the Sigma Sigma sorority.

She wouldn’t have it any other way.

Having served as the even-year Nykerk orator last year, Robin looks forward to the challenging task of coaching the even-year orators for the next two years. She also serves as the Chaplain and the Sisterhood Enrichment Chair for her sorority and is an advocate for Hope’s Greek Life.

The Phelps Scholars Program, a program for first-year students that promotes cultural diversity, was also a good experience for Robin. “You learn a lot and you get to meet a lot of different people,” she says. “It’s a good way for first-year students to know a group of people immediately when they get here.”

She has also appreciated the college’s approach to spiritual life, valuing that the campus ministries office makes many opportunities available while also giving students space to explore issues of faith their own way. “Hope has something to offer anybody,” says Robin. “Religious life is great, because it’s something that’s there and available to you. It’s a big support system. But if it’s something that you don’t want to be involved in, I don’t think it’s pushed on to you.”

Activities outside the classroom are of course only a part of Robin’s experience. She also stays busy with her coursework, including her sociology major. Even as she has appreciated the way that Hope’s personable size has enabled her to become involved in many activities, she has also appreciated how it encourages personal relationships between professors and students in a way that enhances the academic experience. “Everyone wants you to do well, but especially the professors,” she says. “They make themselves really available, and they take a genuine interest in the students.”

As a busy student herself, Robin has noticed that taking on many extra activities seems to be a trend at Hope that says something about the nature of the campus community itself.

“Hope students are overly-involved and extremely busy, but I think that’s something that makes Hope so great—the fact that everyone does get involved in so many things,” she says. “Hope students are really passionate about everything they do.”



Robin Baker '10
Cicero, Ind.

HOPE PEOPLE

When Lindsey Ferguson came to visit Hope as a high school student, she quickly realized that the college was where she wanted to be.

“I fell in love with the character of the school,” she says. “Everybody was so friendly, so welcoming and passionate about what they were doing. It was really contagious and inspiring.”

Since then, Hope has proven to be the inspiring place she thought it was. Lindsey has particularly grown to love the department of dance through her dance major. “The dance department has a lot of outside resources, and they really encourage you to not just stay within the campus, but to experience the dance world outside of Hope,” she says.

Lindsey has utilized many of those resources. Over her past three years at Hope, she has become involved in the student dance concerts, Hip Hop Club, InSync Dance Theatre, dANCEpROJECT, and a locally produced children’s television show *Come On Over!*, in which she has guest-starred twice to teach children about dance and exercise. She also looks forward to participating in the New York Arts Program as a senior.

While she has appreciated Hope’s resources, Lindsey also values that the college does not merely hand opportunities to students. “You have to work to get them,” she says. “Hope demands a lot of integrity from the students, and it makes us stronger.”

In addition to the opportunities outside of Hope, Lindsey appreciates the faculty on campus. In contrast to the stereotype that professors won’t care if students hand in homework or do well in class, she has found Hope’s faculty extremely committed. “The professors really do care, and they want you to be successful and to be passionate about what you’re studying,” she says. “They don’t just expect you to regurgitate information on paper. They really want you to be an individual and think for yourself.”

As an involved student, Lindsey has learned more about the contagious inspiration that she first felt as a prospective student, and she has come to realize what sets Hope students apart from their counterparts elsewhere.

“Hope College has a way of attracting students who are ambitious,” she says. “It’s easy to follow the crowd and wait for something to happen, but to be a person that makes things happen—that takes a special kind of personality and work ethic. I think a lot of students at Hope have that, and that’s the major difference between our student body and other campuses’.”



Lindsey Ferguson '09
Fredonia, N.Y.

HOPE PEOPLE

Yoshiya Hikita, an international student from Japan, values Hope's Christian atmosphere. His father attended Meiji Gakuin University in Japan, with which Hope has had ties since the 1960s, and Yoshiya says, "My dad told me Hope College is a college with a good Christian environment. I had been longing for that, because in Japan it is hard to find."

When Yoshiya visited Hope as a prospective student, he experienced the Christian environment himself by attending the Gathering, Hope's Sunday evening worship service.

"It was nice to attend the Gathering. We don't get that kind of worship service in Japan," says Yoshiya. He also appreciated taking communion, which had previously been a rare occurrence for him.

Another factor that influenced Yoshiya's decision to come to Hope was the Phelps Scholars Program, a program for first-year students that promotes cultural diversity on Hope's campus. Yoshiya found it a great experience. He says, "As a part of the Phelps Scholars Program, I got to know a lot of people not only from the United States but from other countries. It was nice to build relationships with other international students."

Interacting with other students is something Yoshiya enjoys doing at Hope. "Not every college has the environment where I can talk to anybody," he says. But at Hope, he notes, that is possible for him. "The people are very caring," says Yoshiya. "And Hope College is not too big, so I can get to know a lot of people in depth."

Yoshiya also participates in Japan Club, which hosts presentations on Japanese culture, as well as the "Images: A Reflection of Cultures" annual performance. This past year, he and another student performed a traditional Japanese skit at "Images" and enjoyed the experience.

Although Yoshiya grew up in a Christian family, Christianity is a minority religion in Japan. Yoshiya wants to help Christianity grow in Japan, which is why he is majoring in religion with plans to attend seminary in Japan. "There are many churches who are longing for a pastor, and that struck me as God's calling for me to spread the Gospel," he says.

In addition to studying religion, Yoshiya enjoys the liberal arts learning to which he is exposed at Hope. He appreciates being encouraged to try other fields, such as the sciences. "One of the stereotypes of a Christian college is that religion and sciences don't go together, but they don't have that problem at Hope," says Yoshiya. "God made everything, so we are meant to appreciate every part of that."



Yoshiya Hikita '09
Saitama-ken, Japan

HOPE PEOPLE

Krista Mehari values that Hope is a place where students and staff are continually learning and applying the knowledge they gain. Especially through her psychology major, Krista enjoys learning about things that make sense in her everyday life. “Psychology is fascinating to me,” she says. “It explains so much about how people think, act, and feel. It’s very applicable.”

In addition to her studies, Krista has been involved in research outside of the classroom since her first year at Hope. “Almost all the psychology professors are doing research, so it was easy to get involved,” says Krista.

In fact, her recent research with two other Hope students won an award at the Midwestern Psychological Association conference. The research examined variables that might affect chronic disorder and was conducted under the direction of Drs. Patricia Roehling and Lorna Hernandez Jarvis. “To have that experience, and to be able to go into graduate school with having that background is great,” Krista says.

Krista also spent a semester in Ethiopia her sophomore year conducting research on names in the Ethiopian political sphere.

Outside of academics and research, Krista has been involved in the Phelps Scholars Program, a program for first-year students that promotes cultural diversity. Coming from a very diverse high school, Krista found that the Phelps Scholars Program helped smooth the transition to Hope. “People were very open,” she says. “They were there because they wanted to learn more and to experience new things, so the attitude was accepting, and it celebrated differences.” She also currently serves as secretary of the Black Student Union, a student-run organization that promotes diversity and equality on Hope’s campus.

One of Krista’s favorite things about Hope is its size. “Hope isn’t too big or too small,” she says. “You can recognize people on campus, but still meet new people all the time.”

One benefit of the size of the college, Krista notes, is that she can get to know her professors. “They’re really accessible,” says Krista. She also feels that her professors do a great job of engaging students, and she likes that they come up with hands-on, active approaches to introducing new subject matter.

Krista especially appreciates the way that the people, friends and professors alike, put their knowledge into practice. “There’s lots of application of learning,” says Krista. “People take what they learn in the classroom and talk about it, discuss it, disagree with it, and want to learn more about it. That’s really exciting for me.”



Krista Mehari '09
Grand Rapids, Mich.

HOPE PEOPLE

Originally, Paul VanderVelde resisted the idea of attending Hope, because he wasn't sure he wanted to follow the footsteps of his family. With five generations of Hope graduates ahead of him, Paul thought he wanted to go in a different direction. But after visiting Hope, he quickly realized why his family had stayed loyal to the college.

"I saw the facilities at Hope and knew about the individualized nature of the classes," Paul says. "Also, I saw what my dad was able to do with his education here, so I knew that the chemistry department was very strong."

Another reason Paul decided to attend Hope is that he could participate in cross country. Since he ran all throughout high school, he wanted to continue in college. At a bigger school, Paul says, he may not have had that opportunity.

"When the coach gave me the opportunity to continue running at Hope, I was very excited. Training and hanging out with the team is a lot of fun. It's one of the things I enjoy most here," he says.

As a student majoring in chemistry, Paul appreciates the academic integrity in his department and notes that Hope prepares its students well for work in chemistry. Back home in Kansas for the summer after his sophomore year, for example, Paul participated in undergraduate research at Kansas University and felt very prepared. Though nervous at first, he quickly realized that Hope had given him all the skills he needed.

"When I got there, I found out that it was nothing new, and I had the ability to do anything they asked of me. I had done it all before at Hope," he says. "It was so reassuring to know that my education had more than prepared me for a job."

Now that he has attended Hope for three years, Paul appreciates how the college connects him to his family of Hope graduates, since he is able to relate to many family members about different aspects of Hope. For example, Paul says, "It is really cool to be able to talk to my dad and aunt who went through the same chemistry program I am going through."

For Paul and his grandfather, the connection is Hope athletics. "My grandfather played basketball here and he is very proud to have someone in the family in the athletics program," he says.

The result for Paul is the best of two qualities: an opportunity to connect with family while at the same time making the most of an educational experience all his own.



Paul VanderVelde '09
Lawrence, Kan.

HOPE PEOPLE

Though Blair Williams originally thought he'd want to go to a big college, his overnight visit to Hope changed his mind. "I really liked how it felt so homey," he says. "At Hope, you feel like you're a part of a big family rather than just another person in the crowd."

Since coming to Hope, Blair has built on that feeling of family by getting to know people through his two on-campus jobs as a resident assistant and an employee of the computing and information technology office.

"I've enjoyed being an RA," says Blair. "It's been good for me in a number of ways, especially in learning about different types of people."

Blair also likes meeting new people through his position with C.I.T. "The part of it I really enjoy is that I get to sit down and help students," he says. "I view my job as a way of ministering, because I get to help people out by using the gifts God's given me."

Along with ministering through his work, Blair is a member of Hope's Union of Catholic Students. Growing up in a Catholic home and Catholic schools, Blair was nervous about coming to Hope at first.

"It was a big change for me," he says, "but the Union of Catholic Students really helped me see how Catholics can function and grow spiritually on Hope's campus." The campus ministries staff members have also made a positive impact on Blair, and he appreciates the diversity within Christianity that they bring to the table.

"It's helped me to be not so close-minded with my faith and my beliefs," he says. "Because there are people here who have different beliefs, that's helped me to examine things more critically. Having that Christian diversity has challenged my faith in a good way, and it's helped me grow."

In addition to ministries staff and fellow students, Blair likes the interaction he has with his professors. As an engineering major, Blair has grown to admire and appreciate the engineering faculty over his past two years at Hope. "They're really genuine people," says Blair. He also feels that Hope professors want their students to succeed. "They're on your side. You can look at them as friends rather than just people who are giving you grades."

All in all, the friendliness of the people and the opportunities to build relationships make Hope feel like home for Blair, reinforcing his first impression formed during his high school visit. "I enjoy the community that Hope has," he says. "It makes you feel like you belong."



Blair Williams '10
Fenton, Mich.

HOPE PEOPLE

ALUMNI

Hope's purpose is to develop informed, broadly educated citizens who think deeply about fundamental issues and who will become leaders in their professions and their communities. How well has Hope College done in reaching its goals? The answer lies in the personal and professional lives of the approximately 30,000 men and women who claim Hope as their *alma mater*. Many of these alumni have brought honor upon themselves, their professions, and Hope College through exceptional achievement.

Anita Bateman has grown to greatly appreciate her education from Hope over the years as she recognizes the valuable lessons Hope taught her beyond her computer science degree.

One of the lessons Anita values most is how to apply her Christian faith to her everyday life. "Understanding and thinking about how my faith applies and how I live out my faith is something I learned about in my religion classes, and it's still something I really think about today," she says.

Anita also appreciates that she was able to take courses outside of her major and learn from those. "Some of the things I learned about myself and about how I work with other people, I learned in my core requirement and elective classes," she says.

After graduating from Hope, Anita signed on with IBM as a software engineer. She later moved into a team leadership position, and now currently serves in an IT Architecture position, in which she enjoys developing some of IBM's newest software. Throughout her career she has found that Hope's department of computer science prepared her well, and she feels lucky to have had access to the great resources at Hope.

Outside of academics, Anita participated in Nykerk, I.V.E League, Mortar Board, Summer of Service, and Fellowship of Christian Students. Through such activities, she was constantly interacting with others, and she recommends that same amount of involvement to other students.

"Find an activity or community within the college that you enjoy and get involved in that," she advises.

Those interactions with student communities, as well as courses within and outside of her major, allowed Anita to gain an education that she feels serves her exceedingly well.

"Through Hope, I gained the ability to develop other skills that people sometimes don't think about," says Anita. "Things like problem solving, communications, relationship building, and cultural awareness—all of which are extremely important in businesses of all kinds and in life."



Anita Bateman '98
Austin, Texas

HOPE PEOPLE

Looking to the past, Matt Scogin views his time at Hope as a time of great growth.

“The Hope community places a lot of emphasis on growing spiritually as well as academically, and I really appreciated the opportunities for Christian fellowship and faith development,” says Matt.

He advises students to use their time at Hope to develop their career choice, whatever it is, with a sense of vocation and as a spiritual calling, just as he did. “As a student, these opportunities for Christian development helped me to think about my time in college as much bigger than just preparing for a career and instead preparing my mind, heart and spirit to be used by God in the world,” he says.

Beyond the opportunity to think deeply about his choices, Matt appreciated the way that the college offered him different methods of learning by mixing classes with beyond-the-books learning.

“Hope is great because it balances rigorous academics with many enriching out-of-classroom learning experiences,” says Matt.

Matt certainly took advantage of those out-of-classroom experiences. During his four years at Hope, he participated in Student Congress, Hope Republicans, Fellowship of Christian Students, and Nykerk, in addition to serving as a teaching assistant in the department of political science and several internships with the Ottawa County Republican Party.

“You will meet people who will be friends for life,” he says to students. “So take advantage of as much as you can during your four years at Hope and squeeze as many extracurricular activities into your free time as you can.”

In addition to all of his extracurricular activities, Matt worked hard to earn his bachelor’s degree in political science and economics. After graduating from Hope, Matt pursued a challenging future. He attended graduate school at Harvard and now serves as the senior advisor for domestic finance at the United States Treasury Department. Matt says that Hope prepared him very well.

“Hope’s excellent professors and academic rigor prepared me for graduate school at Harvard,” he says. “Other experiences, such as the Washington Honors Semester, helped me develop skills to excel in the professional world.”

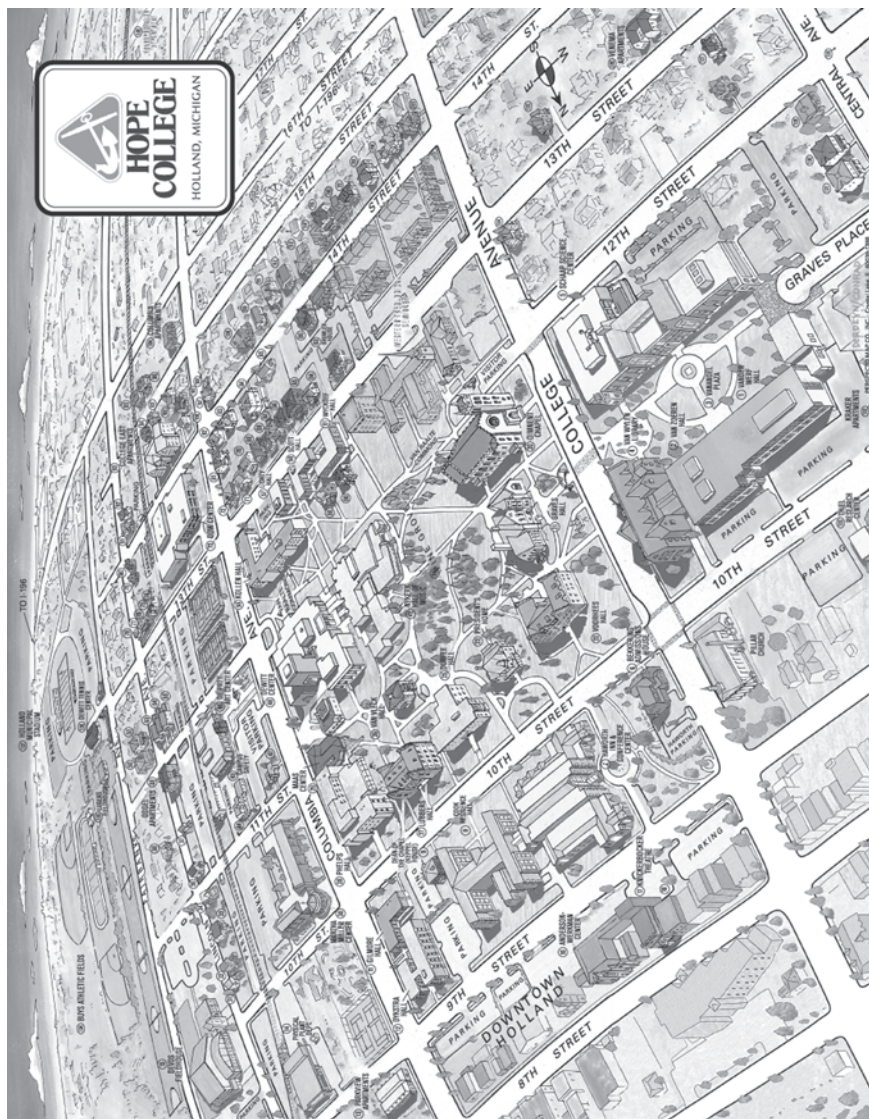
As he pursues his post-Hope career, Matt appreciates both the skills and the sense of purpose that his undergraduate years have helped provide.

“Today in the working world, I view my career as a spiritual calling from God. One doesn’t necessarily have to be a missionary to be in missions, and I see my secular work as having a spiritual purpose.”



Matt Scogin '02
Alexandria, Va.

THE CAMPUS



CAMPUS MAP AND KEY

6. Admissions Office, 69 E. 10th St.
48. Advancement Office, DeWitt Center
- * 72. Abers Cottage (Dorrian), 134 E. 13th St.
46. Alumni Office, DeWitt Center
10. Anderson Workman Financial Center
15. Athletic Dept., Dow Center
- * 117. Avison Cottage (Phi Sig), 94 E. 14th St.
- * 105. Beck Cottage, 349 Columbia Ave.
- * 96. Bekkering Admissions House, 69 E. 10th St.
- * 95. Belt Cottage, 168 E. 15th St.
- * 74. Bergen Cottage, 202 E. 13th St.
5. Biology Dept., Science Center
- * 108. Boers Cottage, 344 Columbia Ave.
48. Bookstore, DeWitt Center
6. Brownstone Apartments, 80 1/2 E. 8th St.
- * 63. Brumler Apartments, 106 E. 13th St.
134. Buys Athletic Fields, 11th St. at Fairbanks Ave.
- * 112. Career Services, Anderson-Workman Financial Center
- * 131. Cavanaugh Apartments, 118/120 E. 14th St.
- * 64. Centennial Cottage, 275 Central Ave.
- * 129. Champion Apartments, 36 W. 12th St.
- * 93. Chemistry Dept., Science Center
- * 104. Columbia Apartments, 367 Columbia Ave.
5. Communication Dept., Martha Miller Center
1. Computer Science Dept., VanderWerf Hall
25. Computing and Information Technology, 110 E. 10th St.
- * 8. Cook Hall, 115 E. 10th St.
48. Copy Center, DeWitt Center
48. Counseling Services, DeWitt Center
28. Creative Dining Services, 150 E. 10th St.
73. Dance Dept., Dow Center
9. Dean of the Chapel, 129 E. 10th St.
48. Dean of Students Office, DeWitt Center
- * 94. DeGraf Cottage, 175 E. 15th St.
59. Delta Phi Cottage, 118 E. 12th St.
46. DePree Art Center, 160 E. 12th St.
- * 83. Deutsches Haus, 145 E. 14th St.
15. De Vos Fieldhouse, 222 Fairbanks Ave.
136. De Witt Student and Cultural Center, 141 E. 12th St.
- * 106. Dickera Cottage, 301 Fairbanks Ave.
10. Dinnert Memorial Center, College Ave.
- * 71. Docker Cottage (AGP), 148 E. 13th St.
- * 30. Docker Cottage, 279 Central Ave.
73. Dow Health and Physical Education Center, 168 E. 13th St.
- * 25. Durfee Hall, 114 E. 10th St.
12. Dykstra Hall, 144 E. 9th St.
2. Economics, Management & Accounting Dept., Van Zoeren Hall
27. English Dept., Lubbers Hall
16. Financial Aid Office, Anderson-Workman Financial Center
30. Foreign Languages and Literature Dept., Martha Miller Center
- * 123. Fraternal Cottage, 337 College Ave.
- * 82. French House (Marguerite Prins), 151 E. 14th St.
- * 60. Fried Cottage, 112 E. 12th St.
2. Frost Center, Van Zoeren Hall
5. Geological and Environmental Sciences Dept., Science Center
- * 11. Gilmore Hall, 143 E. 10th St.
- * 21. Graves Hall, 265 College Ave.
- * 47. Hargraves Cottage, 206 E. 38th St.
7. Hawthorn Cottage, 206 E. 38th St.
7. Hawthorn Inn & Conference Center, 225 College Ave.
73. Health Clinic, Dow Center
- * 107. Hinkamp Cottage, 440 Columbia Ave.
27. History Dept., Lubbers Hall
125. Hoffman Cottage, 54 E. 13th St.
137. Holland Municipal Stadium, 313 Fairbanks Ave.
48. Hope-Neve Bookstore, DeWitt Center
16. Human Resources Office, Anderson-Workman Financial Center
30. International Education, Martha Miller Center
133. Joint Archives of Holland, Theil Research Center
- * 86. Kappel Delta Chi Cottage, 107 E. 14th St.
- * 8. Kappel House (Dean of the Chapel), 129 E. 10th St.
11. Kinesiology Dept., Dow Center
- * 118. Klaeren Cottage, 90 E. 14th St.
51. Klausen Apartments, 297 Lincoln Ave.
- * 109. Kleinheksel Cottage, 136 E. 14th St.
- * 81. Kleis Cottage, 326 Columbia Ave.
48. Kietz, DeWitt Center (lower level)
17. Knickerbocker Theatre, 86 E. 8th St.
- * 85. Koolten Hall, 140 E. 20th St.
- * 38. Kooker Cottage, 309 4th St.
- * 132. Kraker Annex, 27 W. 9th St.
132. Kraker Annex, 27 W. 9th St.
- * 119. Krutloof Cottage, 82 E. 14th St.
54. Kuizenga Cottage, 214 E. 12th St.
66. Kuyper Cottage (Emmersmann), 124 E. 13th St.
78. Lampen Cottage, 316 Lincoln Ave.
- * 57. Lichty Hall, 129 E. 13th St.
27. Lubbers Hall for Humanities and Social Sciences, 126 E. 10th St.
135. Lugers Fieldhouse, 267 Fairbanks Ave.
29. Maas Center, 264 Columbia Ave.
48. Mailroom, DeWitt Center
- * 55. Mandeville Cottage, 212 E. 12th St.
- * 82. Marguerite Prins French House, 151 E. 14th St.
30. Martha Miller Center, 257 Columbia Ave.
- * 53. Mast Cottage, 218 E. 12th St.
1. Mathematics Dept., VanderWerf Hall
- * 128. Mayor's Cottage, 5 E. 12th St.
91. Mulder Cottage, 340 Lincoln Ave.
30. Multicultural Education, Martha Miller Center
49. Music Dept., Nykerk Hall
5. Nursing Dept., Science Center
9. Nykerk Hall of Music, 127 E. 12th St.
39. Nykerk Apartments, 286 61 E. 9th St.
32. Nykerk Apartments, 286 61 E. 9th St.
13. Patterson Cottage, 252 Lincoln Ave.
5. Peale Science Wing, 35 E. 12th St.
- * 28. Phelps Hall, 154 E. 10th St.
27. Philosophy Dept., Lubbers Hall
14. Physical Plant Dept., 200 E. 9th St.
1. Physics and Engineering Dept., VanderWerf Hall
- * 87. Pieters Cottage, 105 E. 14th St.
24. Pine Grove, Center of Main Campus
27. Political Science Dept., Lubbers Hall
- * 33. Poll Cottage, 256 Lincoln Ave.
- * 82. President's Home, 92 E. 10th St.
48. President's Office, DeWitt Center
48. Provost's Office, DeWitt Center
1. Psychology Dept., Science Center
48. Public Relations Office, DeWitt Center
- * 14. Reese Cottage, 108 E. 14th St.
- * 121. Revere Cottage, 694 Lincoln Ave.
27. Religion Dept., Lubbers Hall
- * 103. Riegman Cottage, 171 E. 15th St.
- * 92. Ross Apartment, 344 Lincoln Ave.
5. Schamp Science Center, 35 E. 12th St.
21. Schoon Meditation Chapel, Graves Hall (ground floor)
- * 111. Schrier Cottage, 126 E. 14th St.
- * 102. Schuppert Cottage (Phi Kappa), 167 E. 15th St.
5. Science Center, 35 E. 12th St.
- * 58. Scott Hall, 113 E. 13th St.
- * 84. Sib Cottage, 118 E. 13th St.
- * 85. Sigma Cottage, 135 E. 14th St.
- * 114. Sligh Cottage, 174 E. 11th St.
- * 116. Smith Cottage, 98 E. 14th St.
49. Snow Auditorium, Nykerk Hall of Music
2. Sociology and Social Work Dept., Van Zoeren Hall
- * 38. Spanish House, 281 Lincoln Ave.
- * 68. Stefans Cottage, 138 E. 13th St.
- * 31. Strong Cottage, 248 Lincoln Ave.
- * 113. Stryker Cottage, 102 E. 14th St.
48. Student Development Office, DeWitt Center
48. Student Organization Office, DeWitt Center
48. Studio Theaters, DeWitt Center
- * 69. Surphen Cottage, 140 E. 13th St.
- * 37. Taylor Cottage, 274 Lincoln Ave.
- Theatre Dept., DeWitt Center
133. Theil Research Center, 9 E. 10th St.
- * 124. Timmer Cottage, 57 E. 13th St.
48. Transportation Dept., DeWitt Center
138. Transportation Garage, 176 E. 19th St.
21. Upward Bound, Graves Hall
- * 110. Vander Borgh Apartments, 130/132 E. 14th St.
1. VanderWerf Physics-Mathematics Hall, 27 Graves Pl.
- * 80. Van Drezter Cottage, 219 E. 14th St.
133. Van Raalte Institute, Theil Research Center
- * 113. Van Saun Cottage, 116 E. 14th St.
- * 70. Van Schaack Cottage, 144 E. 13th St.
- * 26. Van Vleet Hall, 116 E. 10th St.
4. Van Weylen Library, 53 Graves Pl.
2. Van Zoeren Hall, 41 Graves Pl.
- * 76. Van Zyl Cottage, 210 E. 14th St.
- * 79. VandenBorgh Apartments, 320 E. 13th St.
- * 77. Visser Cottage, 316 E. 13th St.
- * 22. Voorbesse Cottage, 72 E. 10th St.
- * 120. Welmers Cottage, 76 E. 14th St.
- * 61. Wyckoff Hall, 109 E. 13th St.
48. Wynand Wichers Auditorium, Nykerk Hall of Music
- * 67. Yonkman Cottage (Arcadian), 132 E. 13th St.
- * 127. Zwerner Cottage, 266 Lincoln Ave.
- * Student Housing

THE CAMPUS



Holland, Michigan — Hope College is situated in a residential area two blocks away from the central business district of Holland, Michigan, a community of 35,000 which was founded in 1847 by Dutch settlers. Located on Lake Macatawa and approximately five miles from beautiful Lake Michigan, Holland has long been known as a summer resort area.

The center of Hope's main campus is the Pine Grove, a picturesque wooded area around which the college's original buildings were erected more than a century ago. Nearly all of the campus lies within two blocks of the Pine Grove.

Campus buildings offer a pleasing blend of old and new architectural styles. Most major facilities are accessible to the mobility-impaired.



THE CAMPUS



Dimnent Memorial Chapel, of Gothic design, is a beautiful edifice with classic stained glass windows. Used for all-college assemblies and convocations, it houses the recently renovated 1928 four-manual Skinner organ and the 1970 Pels & van Leeuwen gallery organ. The ground floor is used for classrooms. The chapel is named for the college's fifth president, Dr. Edward D. Dimnent.

The De Pree Art Center and Gallery, a renovated former factory located on the east side of campus, was completed in the summer of 1982. Special features include a story-and-a-half gallery, a sculpture court, senior art studios, as well as classroom studios and faculty offices. The facility is named for Hugh De Pree, former chair of the Hope College Board of Trustees.



THE CAMPUS



The DeWitt Center includes two modern educational theatres, lounges, a coffee shop, offices for student organizations and the Hope-Geneva Bookstore, and is also the administrative headquarters. The building was built in 1971 and expanded and renovated in 1983, and the main theatre and backstage area were remodeled during the 1996-97 school year. The facility is named for alumni brothers Dick and Jack DeWitt, the principal donors.

Lubbers Hall — This architecturally Dutch-influenced building, constructed in 1942 and extensively renovated during the summer of 2006, is a center for the humanities and social science departments. It houses the departments of English, history, political science, philosophy, and religion. The center has been named in honor of the college's seventh president, Dr. Irwin J. Lubbers.



THE CAMPUS



Graves Hall, built in 1894 and being restored during 2008-09, is a beautiful stone building which houses classrooms and seminar rooms, and the 250-seat Winants Auditorium. The Children's After School Achievement (CASA) and Upward Bound programs, which work with elementary- and high school-age children respectively, and the Henry Schoon Meditation Chapel occupy the ground floor. The building is named for the primary donor, Nathan F. Graves, a Reformed Church layman.



Nykerk Hall of Music and Snow Auditorium, constructed in 1956 with the Wynand Wichers addition in 1970 and the Organ Suite in 1999-2000, houses the college's music program. Nykerk Hall contains the Music Library, two state-of-the-art classrooms, an electronic keyboard lab, a mobile laptop lab, a fully equipped recording studio, 21 faculty studio/offices, 19 practice rooms, Snow Auditorium (a large multi-use rehearsal space) and Wichers Auditorium (a 225-seat recital hall). The Organ Suite (organ studio and two practice rooms) contains a J.W. Walker & Sons pipe organ and a Richard Kingston two-manual harpsichord, both commissioned for the department of music. The building was named for John Nykerk, former Hope professor and originator of the music program.

THE CAMPUS



A. Paul Schaap Science Center — The science center emphasizes cross-disciplinary connections and active learning. The center includes an 85,900-square-foot building that opened with the start of the 2003-04 school year, and the renovated 72,800-square-foot Peale wing, constructed in 1973.

Departments in the complex include biology, chemistry, the geological and environmental sciences, nursing and psychology. Features include a science museum designed with both the campus and broader community in mind and a greenhouse.

The building is named for Dr. A. Paul Schaap, a 1967 Hope graduate. The Peale Wing is named for Dr. Norman Vincent Peale and his wife, Ruth Stafford Peale, a former Hope trustee.



THE CAMPUS



Martha Miller Center for Global Communication opened in the fall of 2005. The two-story, 49,000-square-foot building houses the departments of communication and modern and classical languages, and the offices of international education and multicultural education, with an emphasis on ways that the four programs can interconnect. The center is named in honor of the late Martha Miller, a 1924 Hope graduate.



THE CAMPUS



DeVos Fieldhouse opened in the fall of 2005 and houses the department of kinesiology and the college's athletic training program in addition to featuring classroom space, a weight training facility and a dance studio. The fieldhouse also serves as home court for the college's volleyball and men's and women's basketball teams. Designed to seat approximately 3,100 fans, the arena is a venue for other college and community events as well. The building is named in honor of Richard and Helen DeVos.



THE CAMPUS



Dow Center, opened in the fall of 1978, is an activity-oriented facility. Emphasis has been placed on multiple use of space. Included are gymnasium areas to accommodate a variety of sports and games, a running track, an L-shaped swimming pool with a diving area, three dance studios, racquetball courts, classrooms, faculty offices, locker rooms, and a two-story weight facility with free weights and strength equipment on one floor and aerobic equipment on the other. The building also houses the department of dance and the college's Health Center.

Ekdal J. Buys Athletic Complex — The college's outdoor athletic facilities were extensively renovated during the 1990-91 school year, including the addition of the Lugers fieldhouse. The Boeve and Wolters stadiums in baseball and softball were added during 2007-08.

DeWitt Tennis Center provides six indoor tennis courts as well as men's and women's locker rooms. The center supports the college's men's and women's intercollegiate tennis programs, the intramural program and tennis classes, and is also open to Hope students in general. Dedicated on Oct. 14, 1994, the center is named for the Gary and Joyce DeWitt family.



THE CAMPUS



Van Wylen Library, winner of the 2004 Association of College and Research Libraries Excellence in Academic Libraries Award, is housed in an architectural award-winning building. Featuring a wealth of resources, Van Wylen Library, along with a branch library in Nykerk Hall of Music, provides online 24/7 access to thousands of digital scholarly resources including electronic journals, books, reference works, images, music and databases. In addition to Hope's rich print collection, students have access to MeLCAT, an online system that allows students and faculty to request materials from libraries throughout Michigan. Available technologies include wireless access, laptops, video cameras and digital voice recorders. Multimedia production assistance is available for course assignments and presentations.

The library's five floors offer a variety of seating and study options, including individual study carrels and group study rooms. The Cup & Chaucer coffee spot in the lobby provides a place for contemplation, conversation or study while enjoying a great cup of coffee.

With access to state-of-the-art electronic and print sources, a superb staff provides for campus needs in Reference, Circulation, Media and Technology. Each semester, librarians collaborate with classroom faculty in designing and teaching research sessions for students, in both introductory and upper-level classes. Library computer labs and instructional facilities allow librarians to work with classes in a hands-on environment. Reference service is provided in person, through individual research appointments, e-mail and chat services with reference librarians.

Students also have access to the Beardslee Library of Western Theological Seminary and the Herrick District Library, which are both nearby.

Van Wylen Library is named for Hope's ninth president and his wife, Dr. Gordon J. and Dr. Margaret D. Van Wylen.

THE CAMPUS

The Joint Archives of Holland is the repository for documentary, photographic, and other materials of historic value to Hope College. The archives, housed in the Henri and Eleonore Theil Research Center located at 9 E. 10th St., is a joint collection for Hope College and Western Theological Seminary, and also includes materials from other organizations that contract for archival services. Its holdings, which are open to members of the Hope community and the public, include materials on Dutch immigration to the United States, the history of Holland, Mich., and each member institution.

The A. C. Van Raalte Institute, located in the Henri and Eleonore Theil Research Center at 9 E. 10th St., supports research and writing on the history and heritage of the Holland area, and is named for the founder of both Hope and Holland. The institute was established in 1994 through a gift from Peter H. Huizenga and his mother, Elizabeth Huizenga.

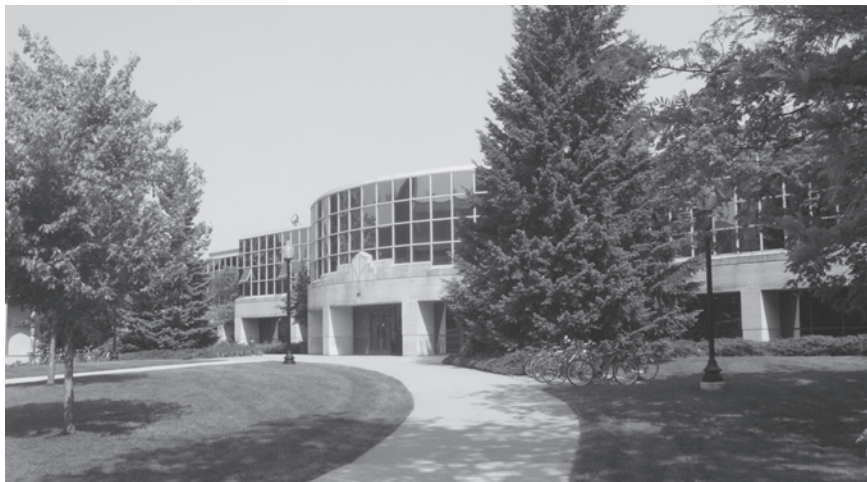


The Carl Frost Center for Social Science Research, located in Van Zoeren Hall, is an institute of the social sciences division. It supports student-faculty collaborative research in all the social science departments and provides opportunities for students to do applied research with community organizations. Established in 1990, the center is named for Carl Frost, an internationally-known organizational psychologist and a pioneer in the development and application of participatory management practices in business.

The CrossRoads Project helps students explore how their work can be of service to the wider world, describing its mission as “Thinking Theologically About Career, Calling, and Life.” (See “Exploring Your Vocation” on page 356.) The program is housed in the DeWitt Center for Economics and Business Administration.

DeWitt Center for Economics and Business Administration, dedicated in October of 1990, is adjacent to Van Zoeren Hall and the Van Wylen Library, and houses the faculty and offices of the accounting, economics and management programs. The facility is named for its principal donors, Marvin and Jerene DeWitt and family.

THE CAMPUS



Van Zoeren Hall, gift of alumnus Dr. G. John Van Zoeren, was the former library, and during 1989 was renovated to provide more classroom and faculty office space for the departments of economics and business administration, education, sociology and social work, the Carl Frost Center for Social Science Research and the Academic Support Center. A connecting link between Van Zoeren and VanderWerf Halls completed during the 1989-90 academic year created needed space for the departments of computer science, mathematics, and physics.

Computing and Information Technology has its headquarters on the main floor of Durfee Hall. Computer laboratories available to students are located throughout campus. In many academic programs, the computer is an indispensable tool for both teaching and research; it is used by students in the arts, humanities, and natural and social sciences.



THE CAMPUS

VanderWerf Hall holds the offices and laboratories of the departments of computer science, engineering, mathematics and physics. It also houses the specialized classrooms used by the departments for instruction and research. The laboratories in physics and engineering include material testing, computer aided design, systems control, studies in nuclear physics, blast damage assessment, design and development of laboratory projects for technological literacy, numerical computation in nuclear physics, physical property from the equation of state, and radio and gamma-ray pulsar population as well as a Pelletron particle accelerator laboratory. The department is supported by an extensive PC network. The department of computer science has a large SUN workstation cluster devoted to research and development in areas of electronic textbooks, network monitoring, automated visualization and computer architecture classes. The department of mathematics uses PC laboratories for instruction and research in applied linear algebra and modeling. The building, completed in 1964 and extensively renovated in 1989, is named in honor of Dr. Calvin A. VanderWerf, the eighth president of Hope College.



The Anderson-Werkman Financial Center, located at 100 E. Eighth St. next to the Knickerbocker Theatre, features classroom space including a “distance learning” classroom capable of providing live video and audio communication with other institutions. The complex also houses the offices of Career Services, Financial Aid, Business Services, and Human Resources; and office and classroom space for the Hope Academy of Senior Professionals (HASP), which is an organization of intellectual study and discussion for retirees. The college purchased the building in the fall of 1996. It is named for William Anderson and Barry Werkman, who were members of the Hope staff for nearly 40 years.

The Center for Faithful Leadership, located in the Anderson-Werkman Financial Center, nurtures, enhances and promotes campus-wide efforts to develop students’ leadership gifts, including individual- and team-oriented opportunities to make a difference, among which are classroom, consulting, internship, mentoring, performance, research, service-learning and student-life experiences.

The Knickerbocker Theatre, acquired and reopened by Hope in 1988 and open to the public, presents a variety of films that add extra dimensions to classes. The 536-seat Knickerbocker, built in 1911, also hosts numerous live events throughout the year. The theatre is located at 86 E. Eighth St., in Holland’s downtown.

THE CAMPUS



The Maas Center, opened in the fall of 1986, provides ample meeting space for student and other campus activities. An auditorium, which seats approximately 300 people, accommodates concerts, guest lectures, dances, dinners, and luncheons. A conference room is used for smaller occasions, serving about 65 people. Both rooms are also outfitted with state of the art audio visual equipment. This facility is named for its primary donors, Leonard and Marjorie Maas, and their two sons, Steven and Thomas.

The Haworth Inn and Conference Center resulted in a major transformation in the northern boundary of the Hope College campus, and helps link Hope and the downtown area. The hotel has 50 guest rooms and offers meeting and banquet facilities for up to 400 people. The Haworth Center offers the ideal location for visits to Hope and downtown Holland. The conference center, which opened in January of 1997, is named for Haworth Inc. and the Haworth family.



THE CAMPUS



Living Accommodations — Hope College believes it is important for students to feel they are a part of the college community. Most students live on campus their first three years of school with some electing to move off campus during their senior year. Exceptions to living on campus are offered for students who are married, have children, live with their parents within a 25-mile radius of Holland or receive special permission from the Student Development Office.

There are many types of housing, including residence halls, apartments and cottages. The newest major addition is Cook Hall, which consists of approximately 60 two-room suites used by students during the school year and available for conference housing during the summer. Cook Hall, which opened during the summer of 1997 and was expanded during the 2005-06 school year, is named in honor of Peter and Emajean Cook of Grand Rapids, Mich.

Residence halls are shown on a map of the campus on pages 32-33. Some students enjoy the home-like atmosphere of approximately 70 cottages. (See “Residential Life,” page 53.)





The pages which follow describe some of the formal services that the college makes available to assist students while they are a part of the college community. Members of the faculty and staff are ready to aid students whenever possible.

ACADEMIC ADVISING

Through academic advising, students are encouraged to take advantage of resources which will help them make appropriate academic, career, and personal decisions.

All first-year students enroll in a First-Year Seminar (FYS) during the fall semester; faculty who teach these classes are advisors to the students who enroll. Because each FYS will have no more than 20 students and will be discussion-driven, students will get to know each other and their faculty advisor well. The intention is that the experience will foster students' growth in self-reliance, in awareness of their gifts, in discerning connections between beliefs and learning, and in appreciation for differences.

When students declare their majors (usually by the end of their second year), the chair of their department will assign an advisor within their major area.

If students want to change their faculty advisor for any reason, they should obtain the appropriate form from the Registrar's Office on the first floor of the DeWitt Center. The paperwork involved is minimal.

The Director of Academic Advising coordinates the advising program and helps students with concerns about advising. The office is located in the Registrar's Office on the first floor of the DeWitt Center.

ACADEMIC SUPPORT CENTER (ASC)

Students attending Hope College come from greatly varying backgrounds and have different levels of knowledge and ability. To assist students in the transition to college and help them improve their study habits, learning skills and class performance, the Academic Support Center (ASC) works closely with the faculty to support the academic program. Students use the ASC voluntarily; however, faculty or staff may recommend ASC help to some students.

The ASC provides services to students individually or in small groups. Trained peer tutors are available to assist students in most introductory courses. Help is also available for the organization and development of papers and the mechanics of

CAMPUS SERVICES

writing. A walk-in mathematics lab is open for two hours Sunday through Thursday evenings during both semester-long academic terms. Students may schedule individual appointments concerning time management, note taking, textbook reading and studying, and test preparation.

Students with special needs may request academic assistance or reasonable accommodation through the Academic Support Center. Support for students with a diagnosed learning disability is available for those who have current and appropriate documentation, by a qualified professional, on file in the office. The guidelines established by the Association on Higher Education and Disability (AHEAD) to verify appropriate documentation include the following:

- Testing must be comprehensive and include: 1. diagnostic interview; 2. aptitude testing; 3. achievement testing; 4. information processing testing; and 5. any related medical or psychological records specific to the disability
- Testing must be current (within the past three years)
- A qualified professional must conduct the evaluation
- Actual scores must be provided
- Specific recommendations for accommodations and an explanation as to why each accommodation is recommended.

The Academic Support Center is located in Van Zoeren Hall 261.

CAREER SERVICES

The Office of Career Services is staffed by professionals available to help students map out their future career plans. The Office of Career Services and Career Library are located on the first floor of the Anderson-Werkman Financial Center.

For the student choosing an academic major or career, individual counseling can assist in identifying options which best fit the student's values, skills, and interests. Several career assessment tools (such as the Strong Interest Inventory, Myers-Briggs Type Indicator, the SkillScan Cardsort and the Values Driven Work Cardsort) are offered. The Career Library contains information on a variety of careers in all academic areas, and resources on grad school, internships and resumes. Through assistance with internship research and application processes, students can clarify their career choices and gain work experience. Career advisors, peer educators who are involved in outreach programming, focus on informing students about the services that are available through the Office of Career Services.

For the student in the process of seeking employment, there is help with resume writing, job hunting, and interviewing skills. Resources for seniors include information on specific openings and preparing credential files. Hope is the only school in Michigan that is a participant in the highly acclaimed Liberal Arts Career NetWork (LACN). LACN is composed of 28 selective liberal arts colleges, and provides Hope students with access to information on job openings in 35 different professional fields, access to nation-wide internship databases of 12,000 opportunities and access to specialized career Web sites providing a wealth of career information. The staff has also developed a resume referral service with major corporations; on-campus interviews with corporate recruiters; and job fairs for graduates in business, education, engineering, the human services and nursing. In conjunction with specific academic departments, the staff also offers consultation by appointment for those students contemplating graduate studies. Through the Career Resource Network, students can connect with alumni for career information and employment advice.

Part-time, off-campus, and summer employment opportunities are posted online through the Office of Human Resources, located at 100 E. Eighth St.

CAMPUS SERVICES



DINING SERVICES

Hope College Dining Service is on the leading edge of campus dining today. The award-winning dining service prides itself on offering, on a creative, 10-week menu cycle, plenty of options for a healthy and happy lifestyle. The service works to satisfy the many vegetarians who frequent the facility; an in-house bakery provides fresh bread and desserts daily; the program works with individual needs such as special diets and allergies; and a registered dietician is available to help those wishing to maintain a healthy lifestyle.

There are two dining facilities, one located in Phelps Hall and the other located in Cook Hall. In addition, the service operates the Kletz Snack Shop, which is located on the ground level of the DeWitt Center and is open all day and late at night.

DISABILITY SERVICES

The Office of Disability Services offers assistance to students with disabilities as they function in the classroom and live day-to-day on campus, and seeks to provide them with skills helpful for pursuing independent living and career goals. The program makes physical and emotional support available to students by offering academic and personal support through arranging for note takers, readers, housing accommodations, support groups and counseling.

The office also strives to provide an all-inclusive and accepting environment by eliminating architectural and attitudinal barriers and insuring equal access to campus facilities and programs. Moreover, it promotes awareness of both disabilities and accessibility requirements mandated by the Americans with Disabilities Act through informational presentations and special activities.

All college services as well as instructional and other physical facilities are readily accessible to individuals with disabilities. In addition, the Van Wylen Library features a well-equipped center for technological and instructional aids for students with visual and print impairments. Prospective and current students with disabilities may contact the Office of Disability Services to explore their needs. The office is located on the first floor of the DeWitt Center.

CAMPUS SERVICES

HEALTH AND COUNSELING SERVICES

The mission of the Health Center is to support the mission of the college through the promotion of health in our students. Health is a holistic concept embracing the physical, mental, social and spiritual needs of individuals and communities.

In our encounters with students we seek to educate them—about themselves, about their bodies, about their unique developmental needs and issues. We attempt to impart wisdom gained by life experience while encouraging them in the art of critical thinking and wise decision making. As we care for them, we teach them how to care for themselves. We act as advocates when needed, but seek to empower them as young adults to take responsibility for their health and well being. Many times our most effective medication is TLC and a shoulder to lean on.

The Health Center is located in the Dow Health and Physical Education Center. Registered nurses and a nurse practitioner offer outpatient care Monday-Friday. Local doctors staff appointments one morning per week. Diagnosis and care of acute illnesses or injury, on-going care for chronic illnesses, women's health, men's health, immunizations and travel immunizations are provided. A student with an evening or weekend medical emergency may contact a doctor through the Physician's Exchange.

Because appropriate medical care requires an awareness of each student's health history, incoming students are required to complete a medical questionnaire before treatment can be provided. Students with chronic conditions are urged to have their current medical records on file at the Health Center prior to their arrival on campus. A complete immunization record is also required for registration at Hope College.

All students who are registered for six or more credits are enrolled in the college's Student Health Services Plan. The plan covers services provided by the Hope College Health Center, as well as referrals made by the clinic nursing staff to Holland Hospital and community-based physicians and specialists. Hope College requires all full-time students to carry medical insurance. Parents and students are encouraged to review their existing health insurance to assure that their current policy offers appropriate coverage.

The Counseling Center is committed to working with students as they strive to reach their full personal and academic potential as individuals. The center works to support the development of the whole person: academically, personally, socially, spiritually and physically through professional, ethical, and confidential counseling services.

At times, students experience difficulties that they cannot fully resolve on their own. At those times they may find it helpful to talk to a professional counselor about their concerns. The Counseling Center provides crisis intervention, individual counseling, consultation, and educational outreach programs designed to help students:

- address personal problems that interfere in academic success;
- adjust to college life, pressures, and changes;
- resolve life crises that threaten success in college;
- explore questions of faith and how they impact daily living;
- cope with problems which stem from medical or physical concerns;
- learn skills to optimize personal effectiveness;
- Improve and develop healthy coping skills.

The Counseling Center is located in the DeWitt Center and is staffed by psychologists and social workers who are committed to providing counseling with clinical excellence and Christian integrity. The center is open during the week, and has an on-call system for evening and weekend emergencies.

CAMPUS SERVICES



HOPE CAMPUS COMPACT COMMUNITY SERVICE

The Center for Volunteer Services provides a specific place where students interested in volunteering can find lists of community service opportunities. Local agencies provide updated lists of their volunteer needs, so that students can match their interests with local needs. Volunteer opportunities are provided on the campus as well. Volunteer Services is coordinated through the Student Development Office in the DeWitt Center.

The campus commitment to community service is evidenced by Hope's charter membership in the Michigan Campus Compact. The compact is a group of Michigan colleges and universities which unite to encourage a clear commitment to community service through strengthening existing programs and encouraging the development of new programs on member campuses.

MULTICULTURAL EDUCATION

The Office of Multicultural Education works to meet the diverse needs of all students, faculty and staff at Hope College through providing educational programs and services that will engender cross-cultural understanding to lead to greater awareness, empathy, mutual respect, appreciation and recognition of people from different backgrounds. The office provides personal, spiritual, social, academic and career guidance to students, and serves as a support system and liaison for students of color and as an avenue to enhance all students' educational and cultural experiences at Hope College.

The office staff works closely with students, faculty and staff to incorporate events and activities into Hope's full range of campus activities and opportunities to ensure a well-rounded experience for Hope students and the entire campus and community. Such events include speakers, presentations, off-campus trips, workshops and residential life training, as well as initiatives to advance the goals of the *Hope College Comprehensive Plan to Improve Minority Participation*. As advocates for students, faculty and staff, the office assists in the institutional efforts to create a welcoming environment through infusing diversity into the core fabric of the institution.

The Office of Multicultural Education is under the direction of the associate provost and is located on the first floor of the Martha Miller Center for Global Communication.

CAMPUS SERVICES



RESIDENTIAL LIFE

Hope College is committed to providing students with a liberal arts education within the context of the historic Christian faith. The college believes that the residential component is an integral part of this education. Therefore, all students live in college residential facilities for at least their first three years of enrollment. This enables students to realize the maximum benefit of the faculty, their fellow students and the offerings of the college. As students interact in these settings, they learn and grow from the different values, life experiences, classes, activities and ideas that are present in the Hope College community. Underclass students benefit from the leadership and role modeling of upperclass students; the wide range of ideas, programs and activities which take place in the residence; and the help they receive from members of the Residential Life staff. Upperclass students grow as they serve as role models, participate in activities geared to their interests and live in a variety of independent situations, all within the context of the on-campus residential experience.

Eleven residence halls, ranging in capacity from 48 to 265, 12 apartment facilities, and approximately 70 cottages (houses on or near campus) provide living accommodations for more than 2,300 Hope students. The variety of living opportunities available ranges from the small group experience which the cottages provide, to the apartment and the traditional residence hall. The residential facilities offer a variety of accommodations — corridor or cluster style, suite, coed by floor and single-sex facilities. Residence hall and apartment facilities are available for mobility-, vision- and hearing-impaired students.

The residence halls are staffed by resident directors and resident assistants who are trained to assist the residents in developing community, supporting academic achievement and creating opportunities for personal growth. The residence life staff seeks to create and maintain environments conducive to the development of all students and assists them in understanding and utilizing college resources and policies. The college recommends that students have insurance for personal items and belongings; Hope College is not responsible for theft, damage or loss of personal items.

All students are expected to comply fully with residential procedures and policies in order to sustain an atmosphere appropriate for community living. Because of its commitment to the living/learning residential concept, Hope requires all full-time students to live on campus unless they are married, commute from the home in which their parents live (within 25 miles of campus) or have senior status based upon earned credits (75 credits after fall semester their junior year). Both commuter and off-campus status must be renewed annually. Students will be informed of the commuter and off-campus requirements and application process each year. Hope College reserves the right to change the housing policy.



Summarized below are some of the various dimensions which our life as a community of people takes. Hope College feels that the college experience is more than the academic program; an integral part of that experience are the extra- and co-curricular programs which create the sense of community existing on campus.



COMMUNITY GOVERNMENT

Decisions governing the college community are made primarily by boards and committees composed of students, faculty, and administrators. Three major Boards (the Academic Affairs, Administrative Affairs, and Campus Life Boards) bear the major responsibility for policy decisions, while committees of each deal with more specific areas.

Academic Affairs Board — The AAB examines and acts on policies dealing with the more formal curricular and instructional program and cultural offerings of the college. Subcommittees include: Curriculum, Cultural Affairs, International Education, and Library Committees. Board membership consists of four students, eight faculty, provost.

Administrative Affairs Board — The AdAB examines and acts on policies dealing with patterns of organization and administration, with matters of primary concern for public relations, and with matters of general faculty and student welfare. Subcommittees include: Admissions & Financial Aid, Athletics, Student Standing and Appeals, Women's Studies and Programs, and Multicultural Affairs Committees. Board membership consists of two students, five faculty, five administrative heads.

Campus Life Board — The CLB examines and acts on policies dealing with the co-curricular, social, and recreational programs and with the regulations for effective coexistence of students on the campus. Subcommittees include: Extra-Curricular Activities, Religious Life, Student Communications Media, and Residential Life Committees. Board membership consists of four students, four faculty, three administrators.

CAMPUS LIFE

Student Congress — The main body of student government on Hope's campus is the Student Congress. Since most policy decisions are made in the boards and committees noted above, students are elected to the Student Congress to represent residence hall units and off-campus students. Following their election to the Congress, members are then appointed to the various boards and committees. A sub-committee of the Student Congress, the Appropriations Committee, is responsible for the allocation of the Student Activities fee.

College Judicial Board — The board helps in maintaining the high standards of student life in the college community. Students accused of violating policy have the right to appear before the board, which consists of students and faculty.

COLLEGE REGULATIONS

Hope can be a true community only if its members understand and genuinely accept the responsibilities of living together in a meaningful framework. More than tolerance is necessary. Students should feel that they can honestly uphold the policies affecting campus life. At the same time, the entire college is encouraged to cooperatively seek changes that would better reflect the desires, goals, and values that form the basis of the college's program. Through the structure of community government, students play a vital and influential role in examining and reformulating campus policies. Thus, membership in the Hope community is regarded as a privilege. Absolute order in all aspects of life is tyranny, just as absolute freedom is anarchy. The college desires to find the proper balance in campus life. The hope is that a community atmosphere is created which promotes student growth, sharpens desired values, and encourages academic pursuit.

In this context, the college community has formulated certain standards that go beyond those established by civil authority. For example, the college prohibits the possession or consumption of alcoholic beverages on college property or in college housing units.

The *Student Handbook* is prepared annually and contains the all-college rules and regulations that govern community life at Hope College. It is available through the Student Development office on the first floor DeWitt Center or on the Student Development Web site. Each student is responsible for reading and understanding the policies and regulations in the *Student Handbook*, and abiding by them while a student.

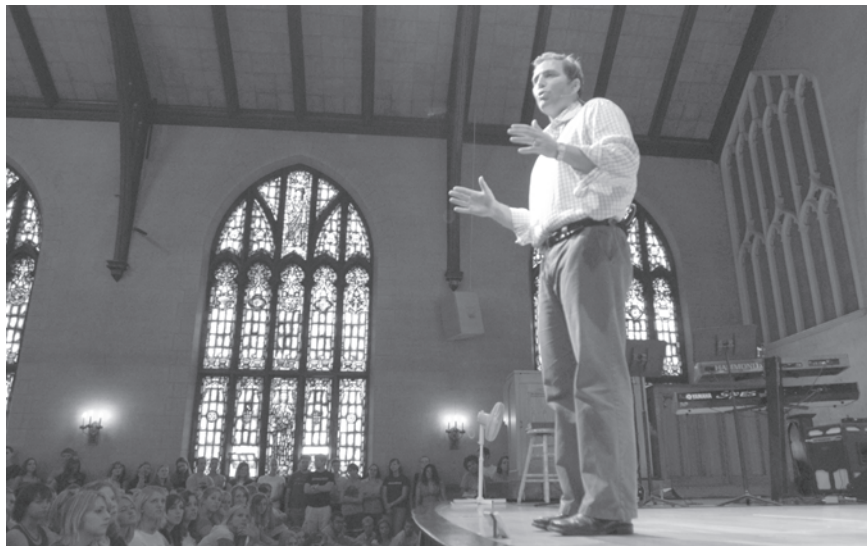
THE SPIRITUAL DIMENSION

Hope encourages the development of the whole person: mind, body and spirit. Thus the spiritual dimension is a central aspect of the Hope experience. Affiliated with the Reformed Church in America, Hope strives to be a Christian community visibly in action. Faculty and staff treat students with love and respect as tangible expressions of genuine faith.

The spiritual profile of Hope students represents a broad spectrum of religious affiliations. The campus ministries staff is sensitive to the varying needs of students at different stages of spiritual development. However, the staff's goal is to present the truths of the Bible in such a relevant way that students can find spiritual wholeness in a growing, personal relationship with Jesus Christ. The Web site for campus ministries is www.grow.hope.edu.

The Campus Ministry Team — The dean of the chapel, two full-time chaplains, a director of outreach ministries, the director of the Gospel Choir, the director of worship and music, the tech director, and an administrative assistant work together to provide spiritual leadership to the student body. The staff is available to help provide

CAMPUS LIFE



spiritual and personal guidance during one of the most significant seasons of life, and to share the relevance and joy of the claims of Jesus Christ. The chaplains offer pastoral care and counseling to students dealing with a variety of personal issues. Their goal is to inspire authentic corporate worship, deepen personal faith in community, and equip students for lifelong service. The Campus Ministry Team is located in the Keppel House, 129 E. 10th St.

Worship — The Hope community gathers together every Monday, Wednesday and Friday for lively, 22-minute chapel services. Biblical teaching by Hope chaplains, testimonies by faculty and students, sacred dance, silent praise, choirs and dramas that depict everyday living are often included in these voluntary services. The worship environment varies from upbeat to reflective in style, and students participate actively. “The Gathering,” a Sunday service at 8 p.m., is also available to the campus community to share together in corporate worship held in Dimnent Memorial Chapel.

Social Ministries — Under the leadership of the director of outreach ministries, students are challenged to be aware of social needs within the community and the world. More than a dozen spring break mission trips are offered for students to reach out to urban, rural, national and international settings suffering from poverty, drug abuse and spiritual hunger. Students expand their worldview and share the compassion of Jesus Christ. Short-term summer projects also give students a chance to explore genuine needs around the world and use their gifts to make a difference. Students are also challenged to move beyond the Hope College environment and serve in the Holland community as a volunteer with local organizations or ministries.

Interpersonal Christian Growth — Through seminars, retreats, small groups, Bible studies, prayer groups, mentoring relationships, involvement in the Gospel Choir or as part of the worship team, sacred dance, silent praise and leadership training, faculty and students are given the opportunity to grow corporately and individually. Students may identify and utilize their gifts through involvement in the worship team, small group ministry, community outreach, short-term mission projects and prayer ministry. Small groups are accessible to students in residence halls, on athletic teams, and in fraternities and sororities.

CAMPUS LIFE



CAMPUS COMMUNITY HOUR

Because of its commitment to being a community of scholars, the college has set aside a campus community hour each week to encourage the sharing of common concerns and to allow examination of significant issues. This time is used for notable persons to address the entire campus, as well as to develop symposia along departmental lines or to promote other interaction between students and faculty.

CULTURAL OPPORTUNITIES

The process of education involves interaction with other cultures and developing awareness of the culture in which one lives. Through a wide diversity of cultural opportunities, Hope aims to broaden the perspective of the individual student.

Theatre Productions — Major productions for public performance are presented annually by the department of theatre. These productions are usually faculty-directed, though opportunity is provided for advanced students to gain directing experience. Participation is open to all members of the college community. The 2007-08 productions were *The Nina Variations*, *By the Bog of Cats*, *Crimes of the Heart* and *Twelfth Night*.

Several student-directed one-act plays normally are also presented each year, in addition to the summer season of musicals, comedies and dramas by the Hope Summer Repertory Theatre.

Dance Productions — The department of dance includes a visiting professional artist among its faculty each semester, and a dance company in residence for a portion of each spring term. Each spring features a major concert that involves nearly the entire department and one or more nationally-known guest artists.

Art Exhibits — In addition to studio classes in the field of art, a variety of outstanding exhibits are shown throughout the year in the De Pree Art Center gallery. The college also has a permanent collection which is on loan throughout the campus.

CAMPUS LIFE



Music Programs — More than 70 concerts and recitals are given annually by the department of music's students, faculty and guests. In addition to performance classes offered by the department, there are numerous musical groups which are open to all students. Vocal groups include the Chapel Choir, the College Chorus and Collegium Musicum. Instrumental groups include the Wind Symphony, Jazz Ensemble, Orchestra, Symphonette and various small ensembles. The groups perform together each year at a Musical Showcase of Hope College music at DeVos Hall in Grand Rapids, and the Chapel Choir and Symphonette tour each spring.

The Great Performance Series — As the premier arts series for the college and community, the Great Performance Series seeks to bring culturally-diverse, top-quality performers representing several disciplines to campus. An artistic committee helps in the selection of performers, which in recent years has included Nai Ni Chen Dance; The Acting Company; the Dave Holland Quintet; the Vienna Choir Boys; the St. Lawrence String Quartet; Anonymous 4; Ladysmith Black Mambazo; Imani Winds; and the Los Angeles Guitar Quartet.

The Cultural Affairs Committee — The Cultural Affairs Committee is the student-faculty committee which supports visits by guest artists and lecturers, all of which are open to the campus as well as the Holland community.

CAMPUS LIFE

SOCIAL LIFE

During a student's college experience there comes a time to relax and enjoy interaction with other people. The social life on campus is designed to provide those opportunities to be in contact with others as well as to develop one's individual interests.



The Student Activities Office — Located in the DeWitt Center, the Student Activities Office serves as a resource for the various student organizations and groups which are planning co-curricular activities and carries primary responsibility for the overall social life on campus. The activities staff works with the Social Activities Committee and other campus organizations to create an environment in which students can find a diversity of activities as well as a meaningful atmosphere in which to live.



CAMPUS LIFE



The Social Activities Committee — The Social Activities Committee (SAC) bears the primary responsibility for programming social activities of an all-campus nature, such as entertainers, the Weekend Film Series, traditional events like Homecoming, a winter formal and Siblings Weekend.

The Pull and Nykerk — The Pull and Nykerk are traditional freshman-sophomore competitions. The Pull, which debuted in 1898 and is held each fall, pits a team of men from the freshman class against the sophomore men in a tug-of-war across the Black River. In the Nykerk Cup competition, another fall event, first held in 1936, the freshman women compete against the sophomore women in song, drama, and oration.

Fraternities and Sororities — Seven fraternities and seven sororities exist on Hope's campus, emphasizing values including leadership, service/social responsibility, character, individual member development, brotherhood/sisterhood and faith. Most are local while two are national. Many of these organizations have a college-owned cottage which serves as living quarters and a center for activities. Approximately 11 percent of the student body belongs to these Greek organizations. Rush and new member education events take place in the spring semester.

In addition, Hope has a chapter of the national service fraternity, Alpha Phi Omega, which sponsors service projects for the college and community. Membership is open to all students.

Clubs and Organizations — A wide diversity of campus organizations allows Hope students to pursue their special interests and experience membership and leadership roles within the community setting. These groups include those of a religious, academic, political, or multicultural nature as well as those centered on special activities or interests. The Student Activities Office can recommend a possible contact person for organizations or assist students in forming a club or organization on campus.

CAMPUS LIFE



Student Media — The communications media serve a dual purpose on Hope's campus: to provide news, literary excellence, and entertainment to the campus community, and to provide a unique and invaluable learning experience for those involved. Participation in these media is open to all interested students.

The Anchor — The weekly student newspaper, the *Anchor*, gives students an opportunity to express their views and develop their writing skills while chronicling college events. Coverage of campus activities, issues, feature presentations, critiques and editorials have been part of the *Anchor's* format. The *Anchor* office is in the Martha Miller Center for Global Communication.

Opus — This literary magazine gives students an opportunity for expression by presenting their prose, poetry, photography, and art work. The *Opus* Board reviews materials submitted for publication and publishes on a regular basis. In addition *Opus* sponsors regular artistic forums throughout the year, giving students and faculty a chance to read their works as well as hear those of others.

Milestone — As time and seasons change and pass, so does the face of a college community. To preserve a yearly segment of this change, the yearbook staff produces the *Milestone*. The *Milestone* office is in the DeWitt Center.

WTHS — The student-run radio station, which holds an FM license and operates under the direction of the Student Media Committee, broadcasts throughout the Holland area and serves the entertainment and information needs of the student community. The staff includes program management, a business manager and disc jockeys who are responsible for programming. The station is located in the Martha Miller Center for Global Communication.

CAMPUS LIFE



ATHLETICS

Participation in athletics, open to all members of the college community, is a very popular extra-curricular activity at Hope. The extensive intramural program reaches practically all interest and skill levels and there are six club sports that operate in a manner similar to a varsity experience. Those seeking an additional challenge in skill development choose one or more of the 18 sports now offered at the intercollegiate level. The purpose of all programs is to provide enjoyment and fulfillment for the participant.

Administrative Policy and Procedure — Intercollegiate Program — The college has adopted the following statement describing administrative procedure and general policy:

Hope's commitment of time, money, and personnel to the various sports is predicated on the belief that such experience contributes to the overall development of the individual. The potential for self-discovery, self-discipline, physical efficiency, and character development can be realized in the proper environment. The college is committed to the maintenance of such an atmosphere for its sports activity.

The intercollegiate athletic program at Hope College is governed by the rules of the National Collegiate Athletic Association (NCAA). The Faculty Committee on Athletics under the Administrative Affairs Board advises on all matters of policy. Schedules are arranged in such manner as to incur the least amount of absenteeism from classes.

Financial control of the athletic program is similar to that in other college departments. Athletic funds are handled by the College Treasurer with athletic expenditures and receipts included in the general operating budget of the college.

Scholarships or grants-in-aid are available on the basis of financial need only.

CAMPUS LIFE



Varsity Athletics — As a member of the historic Michigan Intercollegiate Athletic Association (MIAA), which is comprised of nine colleges, Hope's varsity athletic program has established a solid reputation for excellence and championship caliber. Hope has won the MIAA Commissioner's Cup, which is based on the cumulative performance of each member school in the league's 18 sports for men and women, a league-leading 30 times. Hope teams also compete in Division III of the National Collegiate Athletic Association (NCAA). There have been several individual NCAA national champions and All-Americans in a number of sports in recent years. Many Hope student-athletes have also achieved Academic All-America status. Ray Smith is the director of men's athletics and Eva Dean Folkert is the director of athletics for women. Coaching staffs are listed below:

MEN'S COACHING STAFF

Baseball — Stuart Fritz
Basketball — Glenn Van Wieren
Cross Country — Mark Northuis
Football — Dean Kreps
Golf — Bob Ebels
Soccer — Steve Smith
Swimming — John Patnott
Tennis — Steve Gorno
Track — Kevin Cole

WOMEN'S COACHING STAFF

Basketball — Brian Morehouse
Cross Country — Mark Northuis
Golf — Eva Dean Folkert
Soccer — Leigh Sears
Softball — Karla Wolters
Swimming — John Patnott
Tennis — Karen Page
Track — Kevin Cole
Volleyball — Becky Schmidt

Intramural Athletics — Intramural athletics are open to all members of the college community. Students or faculty members may form a team to enter competition. Competition in the following sports has been developed for men and women: basketball, racquetball, three-on-three volleyball, three-on-three basketball, bowling, flag football, softball, tennis, wallyball, soccer, ultimate frisbee, frisbee golf, inner tube water polo and volleyball. There are also club sports, including competition in lacrosse, ice hockey, sailing, and ultimate frisbee.



ADMISSION OF FRESHMEN

Hope College encourages qualified students to submit their applications. Admission is selective and based on the secondary school record, including class rank, grades and course selection; data obtained from the application form; and national test results.

Students are recommended to apply in the fall of their senior year. To obtain an application for admission, students should ask their high school guidance counselor, go online at www.hope.edu/admissions, or call us locally at 616-395-7850 or long distance at 800-968-7850.

To be considered for admission the following items must be submitted:

1. Completed application
2. Application fee (\$35 online, \$50 paper)
3. High school transcript
4. ACT or SAT result

The admissions committee recommends a strong college preparatory curriculum which includes at least four years of English, three years of mathematics, two years of a foreign language, three years of social sciences and two years of a laboratory science as well as five other academic courses.

For more information about the ACT, students should see their high school guidance counselor or visit www.actstudent.org. Hope College's ACT reporting code is #2012. The writing portion is not required.

For information about the SAT (Scholastic Aptitude Test), students should check with their high school guidance counselor or visit www.collegeboard.com. Hope College's SAT reporting code is #1301.

Hope College should be the direct recipient of test results.

Applications are submitted to the Admissions Committee after all information has arrived. The first admission decision notification date is in mid-December. Beginning mid-January, other admission decisions are made throughout the remainder of the academic year. The Admissions Committee may withhold a decision for further information; applicants will be notified of such a need and asked to submit the additional information.

CANDIDATE'S REPLY DATE

Admitted applicants are asked to pay a \$300 advance deposit to confirm their intention to enroll at Hope College. The \$300 advance deposit is *non-refundable* after May 1 if the applicant does not enroll or remain enrolled for the following semester. Students admitted after May 1 are expected to pay the deposit within 15 days of notification.

If enrolled, \$200 of the deposit will be applied to fall tuition and \$100 will be used as a security deposit. Upon graduation or completing a non-returning form, the security deposit will be refunded, less any outstanding fees owed.

ADMISSION TO HOPE

INTERVIEWS AND CAMPUS VISITS

A personal visit to campus, while not a requirement, is strongly recommended and encouraged. The Admissions Office arranges campus visits which can include tours, class visits, lunch, faculty appointments and other requests as available. Parents are encouraged to participate in the visit.

Students are urged to arrange campus interviews by appointment at least a week ahead of the desired time. The Admissions Office is open Monday through Friday 8:00 a.m. - 5:00 p.m. (Eastern Time) throughout the year. The office is also open on Saturday mornings during the fall and spring semesters by appointment only. The Admissions Office is located on the corner of 10th Street and College Avenue and can be reached by using the telephone numbers or addresses listed below. Those arriving at Gerald R. Ford International Airport in Grand Rapids or Holland's Padnos Transportation Center (the Holland stop for bus and rail service) may arrange transportation to Hope College through the Admissions Office. Persons should notify the Admissions Office of transportation needs prior to arrival at these locations.

Local Telephone	(616) 395-7850
Toll-Free Telephone	1-800-968-7850
Mailing Address	Hope College Admissions 69 East 10th Street, P.O. Box 9000 Holland, MI 49422-9000
Web Site	www.hope.edu/admissions

VISIT DAYS are held frequently throughout the year and provide prospective students and their parents an opportunity to experience a day on campus. Activities available include attending class, academic information sessions, eating lunch in the dining hall, and having a guided tour of the campus. Visitors should meet at 8:30 a.m. (Eastern Time) in the Maas Conference Center, located on the corner of 11th Street and Columbia Avenue. Pre-registration is preferred and can be arranged by using the telephone numbers listed above, or via the Internet at www.hope.edu/admissions/visit.

Visit Days:

Friday, September 26, 2008	Monday, January 19, 2009
Friday, October 3, 2008	Friday, January 30, 2009
Friday, October 17, 2008	Monday, February 16, 2009
Friday, October 24, 2008	Friday, February 27, 2009
Friday, November 7, 2008	
Friday, November 14, 2008	
Friday, November 21, 2008	

Junior Days

Friday, March 27, 2009
Friday, April 3, 2009
Friday, April 17, 2009

PARENTS of interested students are encouraged to attend Visit and Junior Days. The college will hold special meetings for parents covering various topics of interest to them.

ADMISSION TO HOPE

ADMISSION OF TRANSFER STUDENTS

Hope College accepts applications from students attending other universities and colleges.

To be considered for admission the following items must be submitted:

1. Completed application
2. Application fee (\$35 online, \$50 paper)
3. High school transcript
4. College transcript (all previous colleges)
5. ACT or SAT result

Applications are submitted to the Admissions Committee as soon as all information has arrived and applicants can expect a decision shortly thereafter. The Admissions Committee may withhold a decision for further information; applicants will be notified of such a need and asked to submit the additional information. Transfer applicants will be expected to submit final college transcripts before enrolling.

TRANSFER OF CREDIT

The standard for the acceptance of credit toward Hope College degree requirements from institutions of higher learning will be the accreditation of that college by its regional accrediting association. Exceptions to this general rule may be obtained only by application to the Registrar prior to enrollment.

A maximum of 65 credits may be transferred from a community or junior college. A student transferring to Hope transfers only the credit earned; grades and honor points do not transfer.

Transfer students seeking a Hope College diploma must complete their last 30 credits on Hope College's campus.

ADMISSION OF INTERNATIONAL STUDENTS

Hope College welcomes the interest of international students who desire to study on our campus. To be considered for admission the following items must be submitted:

1. Completed application
2. Application fee (\$35 online, \$50 paper)
3. Secondary school record
4. Evidence of proficiency in the English language (usually the Test of English as Foreign Language (TOEFL) or a comparable English proficiency test)
5. Evidence of little or no need for financial assistance

Applicants should be able to communicate well in English. TOEFL score minimums to demonstrate proficiency are: paper-based, 550; computer-based, 213; and Internet-based, 79.

Admitted students who have scores below these minimums will be required to register for four credits of English as a Second Language for the first semester of enrollment. Students with TOEFL scores of 79/217/550 or higher will be evaluated prior to registration to determine whether this will be a requirement.

Financial aid available to international students is extremely limited. To ensure consideration, a complete application must be received by February 15.

ADMISSION TO HOPE

ADMISSION OF NON-DEGREE STUDENTS

Persons interested in enrolling at Hope College on a part-time, non-degree basis need not complete the formal application for admission. A shorter form is available from the Admissions Office and must be submitted for each semester or term an individual wishes to study at Hope College. This form does not normally require previous high school or college transcripts or an application fee. Students accepted on a non-degree basis are not eligible for financial assistance. A maximum of two courses per semester may be taken by students with non-degree-seeking status.

Full college credit is granted for students who pay the regular fees. If a student wishes to be admitted as a degree student, the application process outlined in "Admission of Freshmen" or "Admission of Transfer Students" must be followed.

AUDITING COURSES

Persons wishing to audit courses at Hope College should follow the same procedure outlined under the section "Admission of Non-Degree Students."

Credit is not granted for persons auditing classes. However, the course will be recorded on the student's permanent transcript. There is no tuition reduction for audited courses.

SUMMER SESSIONS

Hope College offers a variety of campus summer sessions. The four-week May Term, the four-week June Term, and the four-week July Term allow students to enroll for a maximum of 4 credits each term.

Admission to any of the summer sessions is granted to any qualified candidate, but this admission does not imply admission to Hope College as a degree-seeking candidate. Persons wishing to apply for a summer session should follow the procedure outlined under the section "Admission of Non-Degree Students."

COLLEGE CREDIT BY EXAMINATION

The Hope College faculty believes that students should pursue their studies at their established level of competence. Tests are available to determine this level and Hope encourages its prospective students to investigate their use. The following tests are available to Hope students:

ADVANCED PLACEMENT PROGRAM (APP) — A program sponsored by The College Board. Generally credit is granted to students who received grades of 4 or 5. Grades of 3 are evaluated by the respective department which determines if credit will be granted.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) — Hope will generally grant credit for subject area examinations based on the guidelines as established by The College Board. Hope is a Limited Test Center and students can take CLEP exams on campus. (Please refer to pages 91-92 of this catalog.)

INTERNATIONAL BACCALAUREATE PROGRAM — A high school degree program sponsored by the International Baccalaureate Office in Geneva, Switzerland. Generally college credit is granted for higher-level examinations where students score from 5 to 7. Credit is not awarded for subsidiary-level examinations.

ADMISSION TO HOPE

HOPE DEPARTMENTAL EXAMINATIONS — Where CLEP or other nationally normed tests are not available, departmentally prepared examinations can be taken. These are not to be confused with placement exams that some departments offer.

For further information about credit examination, contact the Registrar's Office. Additional information can be found beginning on page 92 of this catalog.

READMISSION

Students who have withdrawn from the college are not automatically readmitted. Consideration for readmission will include an evaluation of 1) the student's prior record at Hope College; 2) any additional college courses completed at other institutions; and 3) the student's reason(s) for wanting to return to Hope College. An application for readmission may be obtained from the Admissions Office. It should be completed and returned to the Admissions Office at least two weeks prior to registration. A \$10 fee must accompany the application.

Readmitted students are required to pay a \$200 deposit before registering for classes. Of this amount \$100 is applied to tuition and the remainder is used as a security deposit. The \$100 security deposit is refundable, minus any fees owed, upon leaving the college through graduation or withdrawal.

FINANCIAL ASSISTANCE

To determine most equitably the distribution of funds available for financial aid, Hope College requires all students to make application for admission to Hope College and to apply for financial assistance using both the FREE APPLICATION FOR FEDERAL STUDENT AID (FAFSA) www.fafsa.ed.gov and the Hope College Supplemental Application for Financial Aid (SAF) www.hope.edu/admin/finaid. Hope College sends the SAF form to students accepted for admission. Students applying for admission to Hope College should address all inquiries concerning financial aid to the Financial Aid Office. Freshmen should submit both the FAFSA and the SAF by March 1 to receive priority consideration for the following school year. Transfers and returning students should submit these forms by March 1 to receive financial aid consideration for the subsequent school year.



SCHOLARSHIPS AND FINANCIAL AID

Hope College provides financial assistance to students on the basis of both financial need and academic achievement through a variety of programs. The purpose of these programs is to promote excellence in scholarship and to enable students to choose Hope, even if they have limited financial resources.

The resources for this program of financial assistance come primarily from Hope College, the State of Michigan, and the federal government. Information regarding these various resources and instructions as to how to apply for such assistance may be found in the following sections or on our Web site at www.hope.edu/admin/finaid.

NEED-BASED FINANCIAL AID

To determine most equitably the distribution of need-based financial aid funds, Hope College requires all students applying for assistance to submit both the Free Application for Federal Student Aid (FAFSA) and the Hope College Supplemental Application for Financial Aid (SAF) for an analysis of financial aid eligibility. The college's goal is to help in every way possible the qualified student who is in need of financial assistance.

DETERMINATION OF FINANCIAL AID ELIGIBILITY

Most financial aid dollars are awarded on the basis of a need analysis formula that measures each family's ability to pay for college expenses. This analysis takes into account factors such as family income and assets, family size, the retirement needs of parents, the student's earnings and savings, and the number of children in college. The fairness of the formula is continually reviewed and adjustments are frequently made to insure that the results represent an equitable measurement of each family's ability to pay for college. The financial aid eligibility equation is as follows:

$$\begin{aligned} & \text{Total Expense Budget} \\ & - \text{Family Contribution} \\ & = \text{Maximum Financial Aid Eligibility} \end{aligned}$$

The Total Expense Budget is set annually by the college and reflects both billable costs (standard tuition, activity fee, on-campus housing, and board charges) and non-billable costs (books, supplies, personal expenses, and travel). The Family Contribution is calculated through a federal need analysis formula that measures a family's capacity to cover a child's college expenses. A student's financial aid eligibility figure equals the difference between the "Total Expense Budget" and the "Family Contribution."

APPLYING FOR FINANCIAL AID

The process of applying for financial aid is not complicated. To apply for financial aid consideration at Hope College, students are asked to complete and submit both the Hope College Supplemental Application for Financial Aid (SAF) and the FREE APPLICATION FOR FEDERAL STUDENT AID (FAFSA). The SAF application is available from the Hope College Office of Admissions or it can be downloaded from the college's website (www.hope.edu/admissions/finaid). The FAFSA can be completed and submitted online at (www.fafsa.ed.gov). The Office of Financial Aid will not act on a student's aid request until she/he has been accepted for admission. Students should apply for financial aid prior to the deadline dates listed below to insure priority treatment.

FINANCIAL AID FOR STUDENTS

Filing Deadline

The priority date for filing for financial aid is March 1.

Award Notification

The award notification from Hope College may contain the offer of several types of aid. A student may accept or reject parts of his/her aid package without penalty. The aid is normally awarded for the period of one academic year and is divided equally between the two semesters.

DESCRIPTION OF AID TYPES AND SOURCES

A. NEED-BASED GIFT ASSISTANCE — SCHOLARSHIPS AND GRANTS

Gift assistance normally refers to scholarships and grants which are non-repayable forms of financial aid. Some of these awards have grade point renewal criteria while some do not. The following are the various forms of need-based gift assistance available at Hope College.

THE HOPE GRANT — This gift aid is based on demonstrated financial need. There is no required grade point average for the receipt of this grant. Eligibility is limited to full-time students and normally a maximum of eight semesters of aid may be received under this program. The renewal of this award is based on continued demonstrated financial need.

THE ACADEMIC ACHIEVEMENT AWARD — This gift aid is based on demonstrated financial need plus a cumulative grade point average (GPA) of 3.0 at the time of admission to the college. This scholarship is available only to those students who are not already receiving other Hope-sponsored merit awards. Eligibility is limited to full-time students and normally a maximum of eight semesters of aid may be received under this program. Renewable based on continued demonstrated need.

THE FEDERAL PELL GRANT — This federal gift aid is based on exceptional financial need and recipients are selected by the federal government.

THE FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT — This federal gift aid is awarded to those students who have demonstrated exceptional financial need. The federal government requires that priority in the awarding of these funds is given Federal Pell Grant recipients.

FEDERAL ACADEMIC COMPETITIVENESS GRANT — The federal government provides this gift aid based on exceptional need and the completion of a rigorous high school curriculum (as defined by the federal government). Eligible students must be enrolled full time in their first or second year of study, be U.S. citizens, and be eligible to receive the Federal Pell Grant. To receive this award in their second year, students must demonstrate a 3.0 grade point average. This grant is not available to students holding third and fourth year status (as defined by the federal government).

FEDERAL NATIONAL SMART GRANT — The federal government provides this gift aid based on exceptional need to students majoring in certain physical, life or computer sciences, engineering, mathematics, technology, or critical foreign language degree programs. Eligible students must be enrolled full time, be U.S. citizens, be eligible to receive the Federal Pell Grant, and demonstrate a 3.0 cumulative grade point average in their third and/or fourth year of study. Students must enroll in at least one course included in the eligible major each semester to remain eligible.

THE MICHIGAN COMPETITIVE SCHOLARSHIP — This state gift aid (limited to Michigan residents) is based on a student's demonstrated financial need and ACT test score. For renewal in future years, the student must continue to demonstrate financial need and demonstrate a cumulative grade point average

FINANCIAL AID FOR STUDENTS

of 2.0. The student must be enrolled at least half-time (six to eleven credits per semester) in a degree program to remain eligible for this award. Students enrolled part-time (six to eleven credits per semester) are eligible for a prorated award. A student is limited to ten semesters of eligibility under this program.

THE MICHIGAN TUITION GRANT — This state gift aid (limited to Michigan residents) is based on a student's demonstrated financial need and is available only at Michigan private colleges. For renewal in future years, the student must continue to demonstrate financial need. The student must be enrolled at least half-time (six credits or more a semester) to remain eligible for this award. Students enrolled less than full time (six to eleven credits a semester) are eligible for a prorated award. A student is limited to ten semesters of eligibility under this program.

B. MICHIGAN PROMISE SCHOLARSHIP PROGRAM (Not based on financial need) Michigan students (starting with the high school graduating class of 2007) who receive qualifying scores on the State Assessment Test (MEAP/MME) are eligible to receive up to \$1000 per academic year for each of their first two years of college enrollment. They may also receive an additional \$2000 after their successful completion of two years of college enrollment if they achieve a cumulative grade point average of 2.5 or greater. Eligible students receive notification letters from the state, instructing them how to certify their college choice for the award year and alerting them of the certification deadline date. For more information, visit www.michigan.gov/promise.

C. LOAN ASSISTANCE — BOTH NEED-BASED AND NON-NEED-BASED Loans are an invaluable resource for many students and their families in financing a college education. Loans allow students to postpone paying a portion of their educational costs until they complete their education or leave school. Some loans are awarded on the basis of financial need and repayment does not begin until after a student graduates, withdraws from college, or drops below half-time enrollment (fewer than six credits per semester). Other loans are available to both the student and his/her parents regardless of financial need and offer various repayment options.

Loan descriptions and terms are briefly described below and in the promissory notes the borrower will be required to sign.

FEDERAL PERKINS LOAN PROGRAM — These loan funds are awarded on the basis of financial need to students enrolled at least half-time in a degree program at Hope College. Highest priority in awarding these loan funds goes to those students demonstrating the greatest financial need. Funds are obtained from the federal government and from former Hope students who are in the process of repaying their loans. No interest is charged on the loan while the student maintains at least half-time enrollment status. Repayment of principal and interest begins nine months after the borrower ceases at least half-time enrollment. Interest is then charged at 5 percent per year on the unpaid balance. Students may be allowed up to ten years to repay based on the amount they have borrowed.

THE FEDERAL DIRECT LOAN PROGRAM — The Federal Direct Loan Program offers students the opportunity to borrow money from the federal government to pay for a Hope education. Under this program, the U.S. Department of Education makes loans directly to students through Hope College. The following loan programs are included under the FEDERAL DIRECT LOAN PROGRAM:

Federal Direct Loan (Subsidized and Unsubsidized):

The Federal Direct Loan program includes both subsidized and unsubsidized student loans. These two loans may be used singly or in combination to allow borrowers the maximum amount available. The federal government "subsidizes" a

FINANCIAL AID FOR STUDENTS

loan by paying the interest while the student is enrolled at least half-time, during the grace period, and during periods of deferment. For an *unsubsidized loan*, the government does **not** provide this subsidy; therefore, the student is responsible for paying the interest on the principal amount of this loan from the date of disbursement, until the loan is paid in full. However, the student has the option of either paying this accruing interest while he/she is in school or of having the payment of interest deferred (and added to the loan principal) until he/she enters repayment on the loan (thereby increasing overall debt). Repayment of principal begins six months after a student leaves school or drops below half-time status. Another difference between these two loans is that the student's demonstrated financial need is considered when determining a student's eligibility for a subsidized loan. To determine eligibility for an unsubsidized loan, a student's financial need is **not** considered. Other than these two differences, the provisions of the Federal Direct Loan Program apply to both subsidized and unsubsidized loans (i.e., loan limits, deferment provisions, etc.).

If a student chooses to borrow under the Federal Direct Loan Program, he/she will first be considered for the subsidized loan. If a student does not qualify, or if he/she qualifies for only a partial award, he/she may then borrow under the unsubsidized loan program up to the maximum amount available (with the exception noted below).

In combination, a student's subsidized FEDERAL DIRECT LOAN and FEDERAL DIRECT UNSUBSIDIZED LOAN may not exceed the following undergraduate annual limits:

	Dependent Students	Self-Supporting Students
Freshman Level	\$ 3,500/year	\$ 7,500/year (maximum \$3,500 subsidized)
Sophomore Level:	\$ 4,500/year	\$ 8,500/year (maximum \$4,500 subsidized)
Junior/Senior Levels:	\$ 5,500/year	\$10,500/year (maximum \$5,500 subsidized)
Aggregate Limit:	\$23,000	\$46,000 (maximum \$23,000 subsidized)

NOTE: A student's combined loan eligibility under these two programs, in combination with his/her financial aid, may not exceed the cost of his/her education for the loan period.

The interest rate is a fixed rate of 6.8%.

Students must be enrolled at least half-time in a degree program at Hope College in order to participate in these loan programs.

Repayment Options: Under the Federal Direct Loan program (both subsidized and unsubsidized), the following four types of repayment plans are available to the student borrower:

The **STANDARD REPAYMENT PLAN** requires a fixed annual repayment amount paid over a fixed period of time. The minimum annual repayment amount is \$600 and the maximum repayment period is ten years.

The **EXTENDED REPAYMENT PLAN** assumes a fixed annual repayment amount of at least \$50 each month for up to 25 years. The minimum annual repayment amount is \$600 or the amount of interest due and payable each year, whichever is greater.

The **GRADUATED REPAYMENT PLAN** establishes annual repayment amounts at two or more levels. Repayments are paid over a fixed or extended period of time. Minimum scheduled repayments may never increase to more than 1.5 times what the borrower would pay under the Standard Repayment Plan.

The **INCOME CONTINGENT REPAYMENT PLAN** calls for varying annual repayment amounts based on the Adjusted Gross Income (AGI) of the borrower

FINANCIAL AID FOR STUDENTS

over an extended period of time, as determined by the U.S. Department of Education. The maximum repayment period may not exceed 25 years. This repayment option is **not** available to Federal Direct PLUS borrowers.

Repayment of both subsidized and unsubsidized loans begins six months after a student leaves school or drops below half-time status. Relative to the Federal Direct Unsubsidized Loan, should a student choose **not** to make interest payments while enrolled, said interest will accrue and be capitalized (added to the loan principal), increasing his/her overall debt.

More specific information regarding repayment and deferments is included in the Master Promissory Note and the loan disclosure statement provided to student borrowers.

Federal Direct PLUS (Parent) Loan Program (eligibility NOT based on financial need):

Under the Federal Direct PLUS Program, parents of dependent students may borrow up to the full cost of their child's education (minus any aid for which the student qualifies). Credit checks are required, and parents who have an adverse credit history (determined by criteria established by federal regulations) may not be able to borrow under the PLUS program. The annual PLUS loan interest rate is a fixed rate of 7.9%.

MI-LOAN PROGRAM (A MICHIGAN LOAN PROGRAM NOT BASED ON NEED): (As of February 15, 2008, this program is temporarily suspended. Visit our Website for other private loan options.) This loan program is available to any creditworthy student (or to a student with a creditworthy cosigner) or creditworthy parent of a student who attends a Michigan college (regardless of the student's state of residency). **While loan eligibility is not based on financial need, the student must submit The Free Application for Federal Student Aid (FAFSA) to determine potential eligibility for other assistance.** The applicant may borrow up to the full cost of the student's education (minus any aid for which s/he is eligible) at either a fixed rate of **6.95%** or a variable rate. The minimum amount that may be borrowed under this program is \$500. Repayment options include (1) making immediate principal and interest payments, (2) making payment of interest only with forbearance of principal for up to five years, or (3) deferring all payments (both interest and principal) for up to five years (allowing interest to capitalize thereby increasing overall debt). Repayment may extend up to 25 years and begins upon disbursement of the loan check. Applications are available either on the Web (www.michigan.gov/mistudentaid) or through the Office of Financial Aid. For more information regarding other loan options, visit our Web site.

- D. STUDENT EMPLOYMENT — FEDERAL WORK STUDY:** Awarded employment is funded either through the college or the Federal Work Study (FWS) program. Throughout the academic year, those students with employment included as a part of their financial aid package are given highest priority in on-campus job placement. Students must be enrolled at least half-time (six or more credits a semester) to qualify. The average work load is 9 to 10 hours per week. **STUDENTS ARE PAID DIRECTLY FOR HOURS WORKED ON A BI-WEEKLY BASIS AND IT IS THE RESPONSIBILITY OF THE STUDENT TO MAKE PAYMENTS TOWARD ANY OUTSTANDING BALANCE ON HIS/HER ACCOUNT.**

Important Note: As a participant in the Federal Work Study program, Hope College annually offers a limited number of job opportunities in community service positions. A student must have been awarded Federal Work Study funds in order to participate (as indicated on his/her award letter). Contact the STUDENT EMPLOYMENT OFFICE for more information.

FINANCIAL AID FOR STUDENTS

PAYMENT OF FINANCIAL AID TO STUDENTS — THE BILLING PROCESS

Student billing statements are sent out monthly by Business Services. These billing statements include the student's charges to date and all finalized financial aid credits. Billing statements issued during the months of July through November include all charges and applicable aid credits for first semester. Billing statements issued during the months of December through April reflect all charges and applicable aid credits for the full academic year.

STUDENTS ARE PAID DIRECTLY FOR HOURS WORKED ON A BI-WEEKLY BASIS, AND IT IS THEIR RESPONSIBILITY TO MAKE PAYMENTS TOWARD ANY OUTSTANDING BALANCE ON THEIR ACCOUNTS.

An outside scholarship award is not applied to a student's account until Business Services has received the check from the awarding agency/individual. Upon receipt of said check, one half of a student's award is credited to each semester.

Some forms of aid may not be credited to the student's account until the Office of Financial Aid receives proper verification and/or other required materials. For example, a Federal Pell Grant is not officially credited to a student's account until the Office of Financial Aid has received a valid electronic FAFSA record (or ISIR) from the federal FAFSA processor.

For Students on the Hope College Budget Payment Plan: The Hope College Budget Payment Plan allows a student to apply payments to the balance on her/his account over a five-month period for each semester. **Further questions regarding the Hope College Budget Payment Plan and the billing process should be directed to Business Services at (616) 395-7812.**

FEDERAL VERIFICATION REQUIREMENTS

When financial aid applications are processed through the federal processing agency, applications are selected (based on specified federal criteria) to undergo the process of data verification. The Office of Financial Aid is then required to conduct a verification process with those students selected.

The verification process is simply a federal quality control initiative. If selected, the Office of Financial Aid will notify the student and she/he will be required to submit a VERIFICATION STATEMENT and a variety of supporting documents to the Office of Financial Aid (e.g., the parents' and student's federal tax returns, W-2 forms, documentation of untaxed income, etc.). The student's submitted documentation is then compared with the data originally reported on the financial aid application. Any corrections made as a result of this verification process may result in a change to the student's financial aid eligibility.

THE RENEWAL OF FINANCIAL AID

Consideration for financial aid each year depends upon four factors: applying for aid by stated deadlines, satisfactory academic progress, the demonstration of financial need and the availability of funds. In order to be eligible for consideration, students must submit the required financial aid applications by **March 1 of each year**. Each summer, students who demonstrate financial need based on their financial aid application will be awarded financial assistance for the next academic year. For renewal students, the dollar amounts of aid will normally remain constant if a student's need remains the same. Aid increases or decreases are based on an evaluation of the financial aid application. For those awards with renewal criteria based on the demonstration of a specific cumulative grade point average (GPA), the GPA in

FINANCIAL AID FOR STUDENTS

evidence at the close of the spring semester will be the GPA used in the renewal determination.

Many factors can serve to reduce a student's financial aid eligibility in any given year. Some of the most common influencing factors are as follows:

1. An increase in either the parents' or the student's income as compared to that of the prior year
2. A decrease in the number of family members
3. A decrease in the number of family members attending college
4. An increase in the reported asset holdings

NOTE: While the award letters for incoming freshmen and transfer students are normally sent to students during the months of March and April, the award letter process for returning upperclass students begins during the end of May and extends throughout the month of June.

INTER-INSTITUTIONAL CONSORTIUM AGREEMENTS

Hope students sometimes withdraw temporarily (e.g., for a semester or a year) to attend another institution with the intent of returning to Hope College for their degree. Similarly, students enrolled at another institution may opt to enroll temporarily as a guest student at Hope College. Relative to the administration of the financial aid of these students, Hope College does not participate in inter-institutional Consortium Agreements unless the other institution is willing to assume full responsibility and the administration of the student's financial aid for the period of enrollment in question.

SATISFACTORY ACADEMIC PROGRESS POLICY

It is the policy of Hope College to provide financial aid to students who meet the normal academic standards established by the College and who are making adequate progress toward their degree requirements. In addition, federal regulations require students to make satisfactory progress in their degree program to be eligible for federal assistance. The following Satisfactory Academic Progress (SAP) requirements apply to all students receiving financial aid through the programs listed below:

- Hope College scholarships, grants, and loans
- Michigan and non-Michigan state scholarship and grant programs
- National Merit Scholarships
- Federal grants, loans, and work-study
- Other outside scholarships, grants, loans

Satisfactory academic progress is measured in both qualitative terms (cumulative grade point average) and quantitatively (earned credit hours). Progress is measured at the end of each spring semester to determine a student's financial aid eligibility for the subsequent academic year. This policy was effective as of January 1, 2001, and supersedes all prior satisfactory academic progress policies. This policy may be subject to change in the future should there be any changes in federal regulation.

I. QUALITATIVE MEASUREMENT (cumulative grade point average)

Students must meet the cumulative grade point average schedule as outlined in the *Academic Standing* requirements found in the *General Academic Regulations* section of the Hope College Catalog. Dismissed students granted readmission to the College through successful reapplication will be considered to have met this portion of the requirements. The Office of the Registrar is responsible for monitoring the qualitative measurement of this policy.

II. QUANTITATIVE MEASUREMENT (credit hours earned)

A. Students pursuing their first undergraduate degree (e.g., Bachelor of Arts) will

FINANCIAL AID FOR STUDENTS

be eligible to receive financial assistance through the semester in which they attempt their 160th credit hour.

- B. Students already holding a Bachelor's degree and pursuing a Teaching Certificate will be eligible to receive any financial aid for which they are eligible as long as all courses in which they enroll are required for certificate completion and 100% of all attempted hours are earned.
- C. Students already holding a Bachelor's degree and pursuing a second degree will be eligible to receive any financial aid for which they are eligible as long as all courses in which they enroll are required for degree completion and 100% of all attempted hours are earned.
- D. Students must successfully complete/earn their hours attempted according to the following tables:

<u>Attempted Hours</u>	<u>Percentage that must be completed/earned</u>
1-32	60%
33-64	65%
65-96	70%
97-126	75%
127-160	80%

E. Additional definitions and explanations:

- 1. "Attempted Hours" are the *cumulative* hours a student has attempted during all enrollment periods at Hope College, irrespective of receiving financial aid. Students who receive the following grades are considered to have "attempted" those credit hours and these hours therefore count toward the cumulative maximum: no report (NR), incomplete (I), withdrawal (W), failure (F), and all passing grades (A, B, C, D, P).
- 2. All transfer hours accepted by Hope College are treated as both attempted and earned hours.
- 3. If a student repeats a course, the credit hours for *both* the first and the repeated course will be included in the "Attempted Hours" figure when evaluating his/her academic progress. The credit hours for the first course will *not* be included in the "Earned Hours" figure.
- 4. Credit hours earned through CLEP, Advanced Placement, or Credit by Exam are included in both the measurement of "Attempted" and "Earned" hours.
- 5. Successful completion will be measured using the cumulative total number of "Earned Hours" as reflected on the student's academic transcript at the time of evaluation.
- 6. If a student is not making satisfactory academic progress at the close of the spring semester and subsequently earns additional hours during the following summer, these additional earned hours will be considered in the reevaluation of his/her aid eligibility for the following academic year.

III. FAILURE TO MAINTAIN SATISFACTORY PROGRESS

- A. Students who fail to meet the **qualitative** (cumulative grade point average) requirement will be notified of their probation or dismissal status by the Office of the Registrar.
- B. At the time of evaluation, students not meeting the **quantitative** measurement (earned hours) will be placed on Satisfactory Academic Progress Probation for one (1) academic year (during which time they will be eligible to receive financial aid). By the end of this probationary academic year, students must meet the quantitative measurement as stated above. Should students fail to

FINANCIAL AID FOR STUDENTS

meet this standard, they will no longer be eligible to receive financial aid during the subsequent academic year.

NOTE: Students applying for financial aid for the first time as upperclassmen will not be considered eligible to receive any form of financial aid if they do not meet the above progress requirements.

- C. Degree-seeking students will no longer be eligible to receive financial assistance after the semester in which they attempt their 160th credit hour. Students already holding a Bachelor's degree who are pursuing either a Teaching Certificate or a second degree will no longer be eligible to receive financial assistance should they fail to complete 100% of all attempted courses

IV. REINSTATEMENT Unless eligibility is reinstated through the formal appeal process (see below), students will remain ineligible to receive financial aid until that time when they again meet the qualitative/quantitative standards set forth above. It will be the responsibility of students seeking reinstatement to contact the Office of Financial Aid and request that their records undergo review when they believe they are again in compliance with the above requirements.

V. APPEAL PROCESS

- A. Students who are dismissed due to their failure to meet the qualitative (cumulative grade point average) measurement may appeal using procedures stated in the *General Academic Regulations* section of the college catalog.
- B. Students failing to meet the quantitative (earned credit hours) measurement may appeal to the Director of Financial Aid. Students must submit a personal letter to the Director explaining the reason(s) for the failure as well as an academic plan from the student's academic advisor stating how and when the student will make up the deficiency. Students will be notified of the Director's decision within two (2) weeks of the receipt of the appeal. The following types of information *may* be considered in determining whether the student's appeal will be accepted:
1. The student is making up incompletes, or
 2. There have been unusual circumstances such as an extended illness or a death within a family, or
 3. The student withdrew from the college after the Drop/Add period.

IF YOU HAVE ANY QUESTIONS OR PROBLEMS, CONTACT US:

Office Staff:

Phyllis Kleder Hooyman
Director of Financial Aid

Jan Boockmeier
Manager of Systems and Processes

Carla Bender
Associate Director of Financial Aid

Connie Vandemark
Financial Aid Specialist

Marty Reyes
Assistant Director of Financial Aid

Charletta Berry
Office Coordinator

The Office of Financial Aid
Hope College
100 E. 8th St.
PO Box 9000
Holland, MI 49422-9000
Phone: (616) 395-7765
Toll-Free Number: (888) 439-8907

FINANCIAL AID FOR STUDENTS

MERIT-BASED SCHOLARSHIPS AND AWARDS

As part of its commitment to academic and artistic excellence, Hope College seeks to recognize students who present the strongest admissions files and also those who demonstrate outstanding ability in the arts. Financial need is not a criterion when awarding merit scholarships and artistic awards.

For academic merit awards, the application for admission also serves as the application for the award. In the instances where additional materials are required, the requests will be sent to those students under consideration. Students whose admissions files are complete by February 6 are assured consideration for Hope College academic merit awards. The National Merit Scholarship competition, however, is controlled exclusively by the National Merit Scholarship Corporation and has its own set of deadlines. Hope is a sponsoring college of National Merit Scholars. The office of admissions may be contacted for further information regarding the academic merit awards.

Awards for artistic merit are available in art, creative writing, dance, music and theatre. Primarily designated for students intending to major or minor in one or more areas of the arts, the application process for these awards is determined and coordinated by the respective departments. For more detailed information, contact the chairpersons of the appropriate departments (Art, English, Dance, Music, and Theatre) or visit www.hope.edu/admissions/scholarship/daa.html.

STUDENT EXPENSES

ACADEMIC YEAR 2008-09



General Fees ⁽¹⁾	Per Semester	Academic Year
Tuition — 12 to 16 credits	\$12,390.00	\$24,780.00
Board — 21 meals per week ⁽²⁾	\$ 2,080.00	\$ 4,160.00
Room ⁽³⁾	\$ 1,745.00	\$ 3,490.00
Activity Fee ⁽⁴⁾	\$ 70.00	\$ 140.00
Total	\$16,285.00	\$32,570.00

Class Fees:

Certain classes require payment of fees to cover the costs of special materials, travel and activities provided during instruction. These fees generally range from \$50.00 to \$400.00 per class and are in addition to the general fees.

Private Music Lesson Fee: ⁽⁵⁾ Organ, Piano, Voice or Instrument

One thirty-minute lesson per week for one semester	\$160.00
One sixty-minute lesson per week for one semester	\$200.00

Special Fees:

Application – Online (Paid by each student upon application for admission)	\$ 35.00
Application – Paper	\$ 50.00
FOCUS Program	\$360.00
Enrollment Deposit: \$200 applied against general fees and \$100 used as a security deposit which is refundable upon graduation or withdrawal if all other fees and charges have been paid in full. See page 64 for more information.	\$300.00
Readmit Deposit ⁽⁶⁾	\$200.00
Tuition Deposit: Payable at time of fall registration which occurs during the spring and applied toward fall tuition.	\$250.00
Tuition above normal 16-credit load (per credit)	\$280.00
Tuition: 1-11 credit load (per credit)	\$885.00
Tuition: 1-8 credit load (per credit)	\$575.00
Tuition: 1-4 credit load (per credit)	\$395.00
Tutorial: Per credit (by special arrangement)	\$795.00
Late Payment Service Charge — assessed per semester if full payment is not received by due date:	
\$300 to \$1,000 balance	\$ 25.00
\$1,001 to \$2,000 balance	\$ 50.00
\$2,001 to \$3,000 balance	\$ 75.00
\$3,001 or more balance	\$100.00

1. Hope College reserves the right to increase tuition, room, board and fees at any time.
2. Other board options are: 15 meal plan: \$3,870.00 per year, 10 meal plan: \$3,630.00 per year. Changes in board plans can be made through the first week of classes. Any requests for a late change in board plans must be submitted to the Director of Food Services for consideration.
3. All rooms in college housing are contracted for the college academic year. Other housing options are available if space permits at additional charges from \$100.00 to \$1,200.00 per year.
4. Activity fee per semester for students with fewer than 6 credits: \$35.
5. Fees for music lessons are in addition to the normal credit charge.
6. Tuition deposit and readmit deposit are not refundable if the student does not enroll.

STUDENT EXPENSES

ACADEMIC YEAR 2008-09

Payment of College Bills: ⁽¹⁾

All bills are due and payable in advance of the beginning of each semester. Bills will be rendered in advance and payments should be directed to the Business Services Office. A late payment fee will be added to accounts not paid in full by August 26, 2008, for the fall semester and January 6, 2009, for the spring semester.

In accordance with standard practice at colleges and universities, students are required to make satisfactory arrangements with the Business Services Office for the settlement of all financial obligations before final examinations, graduation diplomas, the issuance of transcripts, or registration for a succeeding term. A service charge of 1 1/2% per month (annual percentage rate of 18%) will be added to the unpaid balance of the accounts of all students who are no longer enrolled at Hope College.

Withdrawal From College: ⁽²⁾

Hope College has established a refund policy for all students who find it necessary to totally withdraw from the college. Withdrawing from college has, among other factors, important financial considerations for a student to be aware of. A withdrawal may affect the amount of charges a student will be responsible to pay and the amount of financial aid a student receives.

To initiate the withdrawal process and determine the financial implications, a student must complete a Withdrawal Form. (These forms are available from the Office of the Registrar.) Staff in the Business Services Office are available to counsel students regarding the financial aspects of full withdrawal.

Contractual arrangements are made in advance with members of the faculty and staff, and other provisions for education and residence, to accommodate each registered student for a full academic year. Should a student withdraw before the end of a semester the following refund policies will apply:

1. **ROOM CHARGES** — Enrolled students are required to live in college housing and contract a room for the full academic year. Prorated adjustments will be granted only to those students who officially withdraw for reasons of health. No other adjustments will be granted.
2. **BOARD CHARGES** for students officially withdrawing from the college will be prorated.
3. **TUITION CHARGES** ⁽³⁾ for students who officially withdraw from college, or are suspended, will be credited from the beginning date of classes as follows:

FALL SEMESTER 2008 —

Aug. 26 — Sept. 3	.....100%
Sept. 4 — Sept. 10	.....80%
Sept. 11 — Sept. 17	.....60%
Sept. 18 — Sept. 24	.....40%
Sept. 25 — Oct. 1	.....20%
After Oct. 1	.....NO REFUND

SPRING SEMESTER 2009 —

Jan. 6 — Jan. 14	.....100%
Jan. 15 — Jan. 21	.....80%
Jan. 22 — Jan. 28	.....60%
Jan. 29 — Feb. 4	.....40%
Feb. 5 — Feb. 11	.....20%
After Feb. 11	.....NO REFUND

1. Special arrangements for payment of your college expenses on a monthly basis can be made by contacting the Hope College Business Services Office and requesting information about the Budget Payment Plan.
2. Failure to complete a non-returning student form by the end of the fourth week of the succeeding semester will result in the forfeiture of the \$100.00 Security Deposit. See page 88 for more information regarding withdrawal and non-returning procedures.
3. Students who drop classes after the official drop-add period but remain enrolled in the college will not receive a refund for the dropped classes.

STUDENT EXPENSES

ACADEMIC YEAR 2008-09

4. **FINANCIAL AID** — The term “refund” in conjunction with *financial aid* under this section is defined as the cancellation of unearned financial aid and the return of these funds to the source.

Federal Title IV Student Financial Aid

The Higher Education Amendments of 1998 mandate the formula for calculating the amount of aid a student and school may retain when a student withdraws from all classes during a semester. In general, a student “earns” disbursed federal financial aid awards in proportion to the number of days in the semester prior to the student’s complete withdrawal. If a student completely withdraws from school during a semester, the school must calculate, according to a specific formula, the portion of the total disbursed financial assistance that the student has earned and is therefore entitled to retain, until the student withdrew. If a student receives (or the College receives on the student’s behalf) more assistance than the student earns, the unearned funds must be returned to the applicable federal aid program. **Students who initiate a complete withdrawal and have not completed the federal verification process will be ineligible to receive any Title IV financial aid.**

Students who withdraw prior to completing more than 60% of an enrollment period will have their eligibility for federal aid recalculated based on the percent of the term completed. Students who withdraw after completing 60% will not undergo any federal aid recalculation.

1. This policy applies to all students who completely withdraw, drop out, or are expelled from Hope College and receive financial aid from Title IV funds:
 - a. Federal Title IV Student Financial Aid consists of Federal Direct Loans, Perkins loans, PLUS Loans, Pell Grants, and Supplemental Educational Opportunity Grants (SEOG). For the purposes of this policy, it does not include Federal Work Study (FWS).
 - b. A student’s withdrawal date is:
 - i. The date the student began the withdrawal process;
 - ii. The midpoint of the period of enrollment for a student who leaves without notifying the College; or
 - iii. The student’s last date of attendance at a documented academically related activity.
2. Prorated adjustments on all institutional charges, including tuition & fees, will be calculated using the College Refund policy (see page 80).
3. Title IV aid is earned on a prorated basis up to and including the 60% point in the semester. After the 60% time of attendance is reached, Title IV aid is viewed as 100% earned.
 - a. The percentage of Title IV aid earned is calculated as follows:

$$\frac{\text{Number of days completed by student}}{\text{Total number of days in Term}^*} = \text{Percent of Term Completed}$$

The percent of term completed is the percentage of Title IV aid earned by the student

*The total number of calendar days in a term of enrollment includes weekends and breaks less than five days, but excludes any scheduled breaks of more than five days.

- b. The percentage of Title IV aid unearned (i.e., to be returned to the awarding program) shall be 100% minus the percent earned.

STUDENT EXPENSES

ACADEMIC YEAR 2008-09

- c. Unearned aid shall be returned first by Hope College from the student's account calculated as follows:

Total institutional charges X percent of earned aid = amount returned to the program(s)

Unearned Title IV aid shall be returned to the programs in the following order:

1. Federal Direct Unsubsidized Loan
2. Federal Direct Loan
3. Federal Direct PLUS Loan
4. Federal Perkins Loan
5. Federal PELL Grant
6. Federal SEOG
7. Other Federal programs

NOTE: No program can receive a refund if the student did not receive a disbursement from that program.

- d. When the total amount of unearned aid is greater than the amount returned by Hope College from the student's account, the student is responsible for returning unearned aid to the appropriate program(s) as noted in section (c).
4. Adjusted statements will be sent to the student's permanent address on file. Students are responsible for any remaining portion of their institutional charges after Title IV funds are returned. Credit balances will be paid to the student within 14 days after the adjustments are posted.
 5. College and student responsibilities for the return of Title IV funds.
 - a. Hope College is responsible for:
 - i. providing each student with the information given in this policy;
 - ii. identifying students who are affected by this policy and completing the Return of Title IV Funds calculation for each student; and returning any Title IV funds that are due the Title IV programs
 - b. The student is responsible for:
 - i. becoming familiar with the Return of Title IV policy and how complete withdrawal affects the eligibility of Title IV financial aid
 - ii. returning to the Title IV programs any funds that were disbursed directly to the student and which the student was determined to be ineligible to have received via the Return of Title IV Funds calculation
 6. The fees, procedures and policies listed above supersede those previously published and are subject to change at any time.
 7. Students who are making a complete withdrawal during a semester must complete a Withdrawal Form (obtained at the Office of the Registrar)

State of Michigan Aid

If a student withdraws and is eligible for a full tuition refund, any Michigan Competitive Scholarship or Tuition Grant award must be cancelled. If the student is eligible for a partial refund, his/her award will be reduced based on the percent of the tuition and Activity Fee originally paid by the scholarship/grant award. The Michigan Merit Award (MEAP) disbursed for the semester in which the student withdraws will not be returned to the State. Instead, the amount disbursed for the semester in question will be first used to pay institutional charges.

Hope College Grants, Scholarships & Outside Scholarships

A student will retain a percentage of all other financial aid based on the following formula:

$$100\% - (\% \text{ of tuition credited}) = \% \text{ of aid to be retained}$$

Outside scholarships will be refunded to the agency that provided the funds.

Examples of financial aid recalculations due to early withdrawals can be requested by contacting the Business Services Office.



SYSTEM OF GRADING

Each student receives a grade in his/her courses at the middle and at the close of the semester. The mid-semester grades, designed to give the student an indication of his/her progress, do not appear on a student's transcript.

The system of grades is as follows:

Grade	Significance	Quality Points
A	Superior	4.0 per sem. credit
A-	Superior	3.7 per sem. credit
B+	Good	3.3 per sem. credit
B	Good	3.0 per sem. credit
B-	Good	2.7 per sem. credit
C+	Adequate	2.3 per sem. credit
C	Adequate	2.0 per sem. credit
C-	Adequate	1.7 per sem. credit
D+	Weak but passing	1.3 per sem. credit
D	Weak but passing	1.0 per sem. credit
D-	Weak but passing	0.7 per sem. credit
F	Failure	0.0 or nothing
P	Pass (Pass/Fail Option)	0.0 or nothing
I	Incomplete	
W	Withdrawal	
IP	In progress	

Quality points, the numerical equivalent of the letter grade, are used to determine the student's rank in class, academic honors, and academic warning, probation, or suspension. By way of example, a student receiving an A, B, C, D, or F in a three-credit semester course earns 12, 9, 6, 3, or 0 quality points respectively. The number of earned quality points divided by the number of semester credits attempted (excluding "Pass" credits and "W" grades) establishes the quality point average (GPA) of a student. A quality (or grade) point average of 2.0 shall be required for graduation from Hope College.

GRADE REPORTS

Grades are reported to students by the Registrar both at midterm and at the conclusion of the semester. Final grades become part of the official record of the student. Midterm grades and final grades are available to students online through KnowHope Plus.

INCOMPLETES

An incomplete (I) is given only when unusual circumstances beyond the control of the student prevent giving a specific grade. The "I" grade must be removed within six weeks after the close of the session in which the incomplete was given. If not removed within this time, the incomplete (I) becomes a failure (F). Degrees are not awarded to those students who have incomplete (I) grades. A degree candidate whose record shows an incomplete (I) grade(s) at the time of his/her requested degree date must apply for the next degree date.

GENERAL ACADEMIC REGULATIONS

CODE FOR ACADEMIC INTEGRITY

PREAMBLE

As it seeks to fulfill its mission, the Hope College community assumes that each of its members will operate with integrity and honesty, with a sense of personal responsibility, and with mutual trust and respect toward others in all facets of the life of the college. In order to apply this principle to academic life in a fair and consistent manner, the following policy has been adopted to clarify the expectations regarding conduct, and to establish a set of procedures for dealing with situations that violate these expectations.

A. EXPECTATIONS

Academic Integrity is based on the principles of honesty and individual responsibility for actions. As these principles are applied to academic life at Hope College, it follows that a student will not:

1. Give, offer, or receive aid on examination other than that specifically allowed by the professor.
2. Do course work in a manner that is inconsistent with the standards of conduct set forth by the professor.
3. Falsify or fabricate data. This has particular application to laboratory work and research.
4. Engage in conduct that destroys another person's work or hinders another in her/his academic endeavors. This has particular application to computer files, library resources, and laboratory or studio work.
5. Knowingly represent the work of others as his/her own. This includes plagiarism.

Plagiarism is the dishonest presentation of the work of others as if it were one's own. Writers, speakers, musicians, artists, or computer programmers — whether students or professionals — commit plagiarism when they present, without acknowledgement, all or part of another person's work as if it were their own. Because plagiarism violates the expectations of trust and honesty necessary for academic work in an ethical community, it is a serious offense. In addition, plagiarism undercuts the basic purposes of higher education by short-circuiting the process of inquiry, reflection, and communication that leads to learning.

Plagiarism can take several forms, including but not limited to:

- Using the exact words of another writer in part of a paper without both citation and quotation marks (or block indentation in the case of longer quotations).
- Cutting and pasting material from internet or other electronic resources without proper citation of sources.
- Including the paraphrased or summarized idea of another writer without acknowledging its source.
- Accepting excessive assistance from another person in writing a paper without informing readers of the nature and extent of that collaboration.
- Submitting for credit a complete paper or portion of a paper written by another person, no matter whether the paper was purchased, shared freely, stolen, found, or acquired by other means.
- Submitting music, drawings, paintings, sculptures, or photographs that copy or rely closely on the work of other artists, without explicitly citing the original source.
- Writing a computer program that is the same or closely similar to existing sources.
- Accepting credit for a project, multimedia presentation, poster, or other assignment that draws dishonestly on the work of others.

GENERAL ACADEMIC REGULATIONS

Duplicate submission is also a violation of academic integrity, because every assignment presumes that a new inquiry and effort will produce new learning, and submitting a paper already written for another occasion subverts this learning. Submitting the same original paper for credit in more than one class in the same semester, without the expressed permission of both instructors involved, is not acceptable. Using the same paper or closely similar material from one semester to fulfill a requirement in another semester is normally not allowed without specific permission from the instructor. If students receive the same or similar assignments in a different course, they should consult with the professor about alternate assignments.

Penalties for Plagiarism

- Recognizing that students may sometimes commit plagiarism unintentionally because they do not know the conventions of quotation, citation, and acknowledgement, professors may deal with cases of plagiarism in different ways.
- When in the professor's judgment the student intends to do honest work but does not yet understand the conventions of academic quotation and acknowledgement, the professor may require the student to rewrite the paper, may lower the grade on the paper, or may fail the paper.
- However, when a case of plagiarism results not from ignorance of conventions but from actions by which the writer deceives the professor about sources of words or ideas, or by which the writer tries to fulfill an assignment without doing all the necessary work, the ordinary sanction will be failure in the course.
- Cases of plagiarism that result in a failing grade for an assignment or for a course must be reported to the provost in order to prevent any individual from plagiarizing repeatedly and each time professing ignorance. (Provost's office records associated with plagiarism are destroyed when the affected student graduates.) If a student plagiarizes repeatedly, the provost may apply additional penalties, including dismissal from the college.

B. VIOLATIONS

With the aim of maintaining and promoting integrity in the community and in a spirit of helpful concern, every member of the community is encouraged to address any perceived violations of integrity directly by confronting the appropriate party. The following procedures have been defined to ensure that apparent violations are handled in a prompt and just manner.

1. If a faculty member observes an apparent violation of academic integrity, the faculty member should within five class days of the observation arrange for a discussion to take place as soon as possible. During that conversation, the faculty member will discuss his/her suspicion with the student and inform the student of the options below, and of the student's right to appeal any action taken by the faculty member.
 - a) If the student has an explanation which is acceptable to the faculty member, the case may be closed with no written record or further action.
 - b) If the matter is not resolved, the instructor may impose a sanction. The penalty imposed should reflect the seriousness of the violation. In the case of major violations, the faculty member may assign a failing grade in the event (test, paper, performance, etc.) or for the course. Sanctions for minor violations may include downgrading the work or assigning additional work to replace the work in question. The faculty member may also recommend to the Provost that additional non-grade sanctions be imposed. In the event that any sanction is imposed by the faculty member, the incident and action taken must be reported in writing to the Provost (with a copy to the student) within one week of the informal meeting.

GENERAL ACADEMIC REGULATIONS

- c) If a sanction has been imposed, the student has the right to file a written appeal to the Provost (with a copy to the instructor). This appeal must be filed within one week after the student receives notification of the sanction. The Provost will then review the incident, resolve it to the satisfaction of both parties, or refer it to the Student Standing and Appeals Committee (SSAC).
 - d) If the incident is referred to the SSAC, the SSAC may act on the basis of the written record, or may invite the parties to submit additional information. If the student is found to be innocent, the faculty member will be notified and any academic sanction imposed against the student will be nullified.
 - e) If the student is not found innocent, the Provost will decide whether to impose a non-grade sanction. The Provost will take into account the faculty's recommendations, any related record in the Provost's office, and recommendations from the SSAC or the office of the Dean for Student Development.
 - f) If additional non-grade sanctions are imposed by the Provost, the student may appeal these sanctions to the SSAC.
 - g) If, after meeting with the student to discuss an apparent violation, the faculty member is unsure of what action to take, she/he may refer the matter to the SSAC through the Provost even if no sanction has been imposed. The faculty member may seek advice from the Provost and SSAC at any time.
2. All proceedings will be conducted with strict confidentiality by all those involved in the matter. Records of alleged violations resulting in innocent findings will be promptly destroyed. In cases where guilt is established, reports from the faculty member and the SSAC will be retained by the Office of the Provost for the duration of the student's academic career at Hope College. The record will also allow the recording of the student's defense. All related reports shall be destroyed upon graduation. The records of a student suspended or expelled for a violation will be retained for three years before being destroyed. All provisions of the Family Education Rights and Privacy Act shall apply regarding release of information from these records.
 3. Specific reference to these procedures shall be made in the college *Catalog*. These procedures shall be presented in full in the **STUDENT HANDBOOK** and the **FACULTY HANDBOOK**. *Course syllabi should contain a reference to these procedures and detail their applications for that particular course.*
 4. Faculty are encouraged to create environments conducive to fostering integrity by all. This means that proctoring examinations may be necessary in some instances, but it also calls for positive action on the part of the instructor to remove undue temptation.
 5. The Administrative Affairs Board will maintain its charged oversight of the conduct of the SSAC and will also take overall responsibility for encouraging and maintaining an atmosphere supporting academic and social integrity.

ACADEMIC STANDING

Dean's List: Full-time, degree-seeking students who have earned a semester grade point average of 3.5 are placed on the Dean's List. This list is compiled at the end of each semester. Notice of this award is sent to the student, to the student's parents or guardian, and the student's hometown newspaper.

GENERAL ACADEMIC REGULATIONS

Academic Probation: A 2.0 cumulative grade point average (GPA) is required for earning a Hope College degree. A student whose cumulative GPA falls below this requirement is placed on academic probation according to the following schedule:

- 0-24 credits attempted — below 1.7 cumulative GPA
- 25-57 credits attempted — below 1.9 cumulative GPA
- 58-89 credits attempted — below 1.95 GPA
- 90+ credits attempted — below 2.0 cumulative GPA

Students may be placed on academic probation for successive semesters if there is evidence that they are making progress toward the 2.0 cumulative GPA degree requirement. Failure to make substantial progress toward the 2.0 cumulative GPA requirement may result in academic dismissal.

The student placed on academic probation is informed by letter. A copy of this letter is sent to the student's parents or guardian and to the student's academic advisor.

Any student whose semester GPA falls below 1.3 will be placed on academic probation and will be required to meet with the Registrar or Director of Academic Advising to discuss his/her academic performance for that semester.

ACADEMIC SUSPENSION/DISMISSAL

A student may be dismissed from the college for academic reasons if, in the judgment of the college, the student's cumulative and/or semester GPA is below the standards for academic probation listed above and, therefore, jeopardizes the student's ability to earn a degree from Hope College.

Conditions which may invoke academic dismissal:

- For first-year students: any semester GPA below a 1.3 and/or a cumulative first-year GPA of less than 1.7.
- For second-year students and beyond: a cumulative GPA below a 1.9 and/or an academic record which does not show progress toward reaching the college's degree requirement of a 2.0 cumulative GPA.
- A letter is sent to the student informing him/her of academic dismissal. A copy of this letter is sent to the student's parents or guardian and to the student's academic advisor.
- A student may appeal the decision regarding his/her academic dismissal to the Student Standing and Appeals Committee. This appeal must be made within 10 calendar days of the receipt of the letter from the Registrar.

READMISSION AFTER ACADEMIC DISMISSAL

A student may apply for readmission to the degree program after one semester of absence. The application for readmission must demonstrate that the student has convincing evidence (usually through course work at another academic institution) that he/she is ready and able to return to Hope College.

Questions regarding academic standing may be addressed to the Registrar.

CERTIFICATION OF VETERANS

Students receiving benefits from the Veterans Administration should be aware of the following: 1) Benefits are discontinued if a student is on academic probation for more than two successive semesters. The schedule on the top of this page of the *Catalog* applies. 2) Benefits are paid only for courses which directly apply to the student's authorized program and for the degree requirements for that program. 3) Benefits are paid only for courses for which credit is earned. Withdrawing from a course may affect the student's benefits. Courses taken on an audit basis do not count toward

GENERAL ACADEMIC REGULATIONS

benefit credits. Incomplete grades must be resolved within six weeks. 4) Any changes in a student's program must be authorized by the Veterans Administration. 5) Veterans need to follow standards of progress toward the degree for which they are enrolled. A student who is on academic probation so defined above for two consecutive semesters and/or summer terms either as a full-time or part-time student will not be certified by the college for continuation of VA benefits. The Veterans Administration will be notified of such action. In order to be once again eligible for certification for VA benefits, a student must raise his/her grade point average to an acceptable level.

Students who receive veterans benefits should keep in close touch with the Office of the Registrar to make sure that all requirements are met so that benefits can continue without interruption.

WITHDRAWAL FROM COLLEGE

In order to assure himself/herself of an honorable dismissal from college, a student withdrawing from college any time during an academic term must obtain a withdrawal form from the Registrar's Office and have it signed by the Dean of Students, Student Accounts Office Manager, and the Registrar. No refund will be given to a student until the above form is processed.

NON-RETURNING STUDENTS

Students who withdraw from the college after completing the semester in which they are currently enrolled must notify the college by the end of the second week of the succeeding semester. All financial refunds will be withheld until the student submits a Non-Returning Student Form. Forms may be obtained at the Registrar's Office in the DeWitt Center.

REPEATING A COURSE

No grade may be removed from the student's permanent record but if a student wishes to raise his/her mark in a course, he/she may repeat any course at Hope. In computing the student's cumulative grade point average, the original course mark will be replaced by the grade in the repeated course and the record of the original attempt will remain part of the student's record for information purposes only. If the course to be repeated is required for graduation or for a major, it should be repeated the next time the course is offered. A Hope College course may not be repeated for credit at another college or university.

CHANGE OF COURSES

Students are urged to study the course offerings carefully before registration so that their course program for a given semester need not be changed. The following limitations are placed on changing courses:

Adding And Dropping Of Courses — Students may add and drop courses without academic penalty during the first week of classes. Drop/Add forms can be obtained in the Registrar's Office in the DeWitt Center.

Withdrawal From Courses — A student may withdraw from a course after consultation with his/her instructor and advisor within the first ten (10) weeks of the semester. After the end of the first week in the semester, the notation "W" will appear on his/her record. Courses withdrawn from after the ten-week period will ordinarily be recorded as failures.

GENERAL ACADEMIC REGULATIONS

PASS/FAIL OPTION

Each sophomore, junior and senior, as a part of his/her regular quota of courses, is permitted to elect and designate in each semester one course for which he/she will be granted the usual academic credit but will have the grade of this course recorded on his/her permanent record as a "P" or an "F." This procedure has the following provisions:

1. A student must be enrolled as a full-time student (12 credits or more) in order to qualify for the pass-fail option.
2. The course designated must lie outside the student's major or minor field and may not be a course required to meet general education components. It may not be a required course, either by the department of the student's major or minor or by the college. Because of this requirement, a student should have declared his/her major or minor prior to requesting that a course be designated pass/fail. Students seeking teacher certification may not take professional education courses on a pass/fail basis.
3. The student should perform the work, and otherwise fulfill all the regular requirements of the course to the satisfaction of the instructor. Having done this, he/she will receive a "P" for pass, if not, an "F" for fail.
4. Any student wishing to elect a course under the pass-fail plan should complete the normal registration procedures and, within ten weeks following the completion of registration, should obtain a special pass-fail form from the Registrar's Office. The student will indicate the course which he/she wishes to elect on a pass-fail plan and have it approved by his/her academic advisor, who will be responsible for seeing that the course is not an all-college requirement. This form will then be returned to the Registrar's Office where change in designation of this single course from a grade to a pass-fail plan will be made. A student may not change a course either to or from a pass-fail designation at any time other than the period allowed for electing the pass-fail option.
5. During the semester the student will receive grades for his/her work in the course, but at the end, will receive on his/her record a "P" or an "F." Failures will be computed into the student's cumulative grade point average.
6. If the student desires, the professor may be informed of the student's election of the pass-fail grading system for his/her particular course. The professor will submit a letter grade for the student to the Registrar's Office where it will be translated to either the "P" or "F" designation.
7. Students seeking admission to some graduate schools and some professional schools should ascertain the maximum number of P-F courses which schools will accept.

AUDITING A COURSE

Any student may register to take most Hope courses on an audit, non-credit basis. Exceptions to this rule are courses requiring activity or performance in the Fine Arts and Kinesiology departments. Students who desire to audit a course must indicate their intent to the Registrar within the first week of the semester. Changes from credit to audit and vice versa will not be allowed after the first week of the semester has ended. The fee for courses taken on an audit basis is the same as for those taken on a credit basis.

TRANSFER CREDIT WHILE ENROLLED AT HOPE

A student currently enrolled at Hope College and wishing to transfer credit earned in a regular term or summer session at another accredited institution must have

GENERAL ACADEMIC REGULATIONS

approval in advance for each course from the equivalent Hope College department chairperson and the Registrar. Forms to insure the transferability of these courses are available in the Registrar's office in the DeWitt Center.

The credits for courses with grades of "C" or better will automatically transfer if advance approval has been obtained. Credit in courses with grades of "C-" or below will transfer only if the student's cumulative grade point average at the institution issuing the credit is 2.0 or above.

Credits awarded are posted on the student's permanent record; however, the grade point average is not computed with the Hope cumulative grade point average. Credit only toward the degree will be awarded.

If prior approval for courses taken at other institutions is not obtained, the college reserves the right to deny credit for any course taken at another institution. Responsibility for forwarding transcripts to the Hope College Registrar lies solely with the student.

HONORS INDEPENDENT STUDY OR RESEARCH

Senior students with a cumulative grade point average of 3.0 or better may apply to their major departments to do an independent study or research project of exceptionally high quality. The project, depending upon its nature, may culminate in a meritorious report, essay, thesis, or public performance. Criteria for permission to pursue the project and criteria for the evaluation of the completed project will vary by department. If the department decides that the completed project warrants honors distinction, the course will be listed on the student's permanent record as independent study or research-honors. Interested, qualified students should make application to their respective departments prior to registration for the project.

STUDENT LOAD

The normal student load is 16 credits per semester. Regularly enrolled students must carry a minimum of 12 semester credits of course work each semester to maintain full-time status. Veteran students under the G.I. Bill must carry a minimum of 12 credits to be considered full-time students and to receive maximum benefits. In order to maintain their visa status, foreign students need to maintain a minimum load of 12 semester credits.

Permission to take more than a normal load is based upon the student's previous academic record. Eighteen credits may be granted by the advisor. Application for more than 18 credits must be made to the Registrar.

A student's normal summer load is three or four credits in a four-week session. Overloads must be approved by the Registrar.

CLASSIFICATION OF CLASSES — Eligibility

FRESHMAN — Fewer than 24 credits

SOPHOMORE — Student must have 24-57 credits

JUNIOR — Student must have 58-89 credits

SENIOR — Student must have 90 credits

CLASS ATTENDANCE

Since class attendance is regarded as an essential part of the educational process at Hope College, the student is expected to benefit by classroom discussions as well as by his/her daily text assignments. It is the student's responsibility to present an excuse to his/her instructor and request make-up privileges.

GENERAL ACADEMIC REGULATIONS

Classwork missed while students are ill or away on faculty-approved business should be made up to the satisfaction of the instructor. Although make-up work will not in all cases remove the full adverse effect of the absence, a faculty member will cooperate with the student in his/her attempt to make up his/her loss when such absence is unavoidable. The degree of effect upon grades will vary with the nature and the amount of the work missed and must be measured according to the instructor's best judgment. In case of excessive absences, the instructor may refuse all credit for the course.

APPEALS AND REQUEST FOR ACADEMIC WAIVERS

A student may seek exemption from an academic regulation by appealing in writing to the Registrar. The student must secure the approval of his/her faculty advisor to waive an academic regulation. If the student's request is denied, he or she may further appeal the decision to the Student Standing and Appeals Committee for final disposition. Appeals must be submitted to the Chairperson of the Student Standing and Appeals Committee within ten days after notification of the decision.

APPEAL OF FINAL GRADE

If a student disputes a final course grade given by an instructor, the following procedure should be followed: 1) If the instructor is not a department chairperson, the student may appeal to the department chairperson, who will act as mediator. 2) If a chairperson's final grade is in dispute, the senior member of his/her department shall act as the mediator. The instructor whose grade has been questioned has the final decision in the matter.

CREDIT BY EXAMINATION WHILE ENROLLED AT HOPE

Credit by examination is available to enrolled Hope students through either the College-Level Examination Program (CLEP) or departmental examinations.

Credit earned by means of any credit-bearing examination approved by the college may be used to satisfy specific general education or major requirements. If there is a Hope equivalent course indicated (applies to CLEP listing below) and if that course meets a requirement, so, too will the credit earned via an examination for credit.

CLEP: Credit is awarded for most CLEP Subject Examinations; no credit is granted for the CLEP General Examinations. Credit is awarded for scores which meet the guidelines established by the College Entrance Examination Board in its national norming procedures (see table below). Where possible, the CLEP Subject Examinations are equated to existing Hope courses and the examinations can be used to partially fulfill general college requirements. The table below lists the available CLEP Subject Examinations, those acceptable for Hope credit, the minimum score needed for credit, the credit value of the examinations, and, where applicable, the Hope equivalent course.

CLEP Exam	Score For Credit	Sem. Credits	Hope Equivalent Course
Financial Accounting	50	4	Acct. 221
American Government	50	4	Pol. Sci. 100
Am. History I; Early-1877	50	4	History 160
Am. History II; 1865-Present	50	4	History 161
American Literature	50	8	English 305, 306
Biology, General	50	6	None – Non-majors general biology credit awarded
Business Law, Introductory	50	3	Mgmt. 341
Chemistry, General	50	6	None – Non-majors general chemistry credit awarded

GENERAL ACADEMIC REGULATIONS

CLEP Exam	Score For Credit	Sem. Credits	Hope Equivalent Course
*College French – First Year	50	8	French 101, 102
– Second Year	62	8	French 201, 202
*College German – First Year	50	8	German 101, 102
– Second Year	63	8	German 201, 202
*College Spanish – First Year	50	8	Spanish 121, 122
– Second Year	66	8	Spanish 221, 222
English Literature	50	8	English 301, 302
Human Growth & Development	50	3	None – Elective Credit
Info Systems & Computer Apps	50	3	None – Elective Credit
Literature, Analysis & Interp.	50	4	English 248
Macroeconomics, Principles of	50	4	Econ. 211
Microeconomics, Principles of	50	4	Econ. 212
Management, Principles of	50	4	Mgmt. 221 (non-majors)
		4	Mgmt. 222 (majors)
Marketing, Principles of	50	4	Mgmt. 331
Psychology, Introductory	50	3	Psychology 100
Sociology, Introductory	50	3	Sociology 101
Western Civilization I (Ancient)	50	4	History 130
Western Civilization II (Modern)	50	4	History 131

*The language exams have one exam for the first and second year. Credit is granted according to how well a person does on the exam.

Hope has been established as a CLEP Limited Test Center which makes it possible for currently enrolled and prospective students to take the CLEP examinations on campus.

DEPARTMENTAL EXAMS: Where CLEP tests are not available or are not acceptable, departmentally prepared and administered examinations can be arranged. Contact the Registrar to make such arrangements.

Credit by examination in either of the above programs has the following limitations:

1. Examination credit will be awarded only if the student has not previously registered for the course in question at Hope or at another institution.
2. None of the credit by examination programs approved by Hope may be used to make up failures or replace grades already earned.
3. Credits earned by examination will be listed on the student's record with the note that the credit was earned by examination. Grades and honor points will not be recorded. The credits, while counting toward graduation, will not be used in the computation of cumulative grade point averages.
4. Transfer students with examination credits will be required to submit test scores for all examination credit awarded at another institution. These scores will then be evaluated according to Hope College standards.
5. In keeping with the senior residency requirement, the last entries on a student's permanent academic record must be credits earned in residence and can not be by examinations taken after a student's departure.
6. The maximum amount of credit by examination which can be applied toward the 126 credits required for graduation is 32 credits, 8 of which can be in the major area of concentration.

For further information about either the CLEP or departmental testing programs, contact the Registrar.

GENERAL ACADEMIC REGULATIONS

WRITING HANDBOOK

The faculty will use the rules of grammar, mechanics, as presented in the official writing handbook for students as the standard in grading written work submitted by students. Some departments may on occasion, however, require specific style variations that are required by their disciplines. The handbook is available in the college bookstore and must be purchased by all students enrolled in degree programs.

SOPHOMORE COMPETENCY IN WRITING

Hope College is committed to high standards in writing. Every faculty member shares the responsibility to identify student writing problems and to make formal referrals to the Academic Support Center for remedial work. When such a referral has been made, the student concerned is obligated to sit for a competency examination in writing administered at the Academic Support Center. **NO MAJOR MAY BE DECLARED UNTIL THE COMPETENCY EXAMINATION HAS BEEN PASSED.** The examination will normally be taken in the second semester of the sophomore year.

APPLICATION FOR DEGREE/AWARDING DEGREES

The college awards degrees in December (at the conclusion of the first semester), in May (at the conclusion of the second semester), and in July or August (at the conclusion of the final summer session). Degree candidates must inform the Registrar of their intention to graduate at the student's final registration with the college. Students completing degree requirements in the May Term, June Term, or July Term will be considered to be July/August graduates. All degree candidates for degree dates above are expected and encouraged to participate in the May commencement. Degrees are not awarded to those students who have incomplete (I) or no record (NR) grades. A degree candidate whose record shows an incomplete (I) or no record (NR) grade(s) at the time of his/her requested degree date will be moved to the next degree date.

Diplomas may be withheld for students who have past due accounts.

ACADEMIC RECORDS OF TRANSFER STUDENTS

The record of a transfer student at the time of admission will be treated the same as that of a Hope College student for purposes of: a) Admittance and class standing (freshman-senior), b) Determination of academic probation or good class standing, and c) Determination of the satisfactory completion of required courses.

The grade point earned at Hope College is that which is provided the student upon graduation. For all ensuing official purposes, the record of the student shall be that which he obtains at Hope College.

STUDENT RECORDS: STATEMENT OF POLICY

Records are kept in the various offices of the college in the interest of its students and alumni. To insure the student of the confidentiality of his/her record, the college supports The Family Educational Rights and Privacy Act of 1974 with its subsequent legislation and regulations and has prepared a statement of policy on records to demonstrate compliance with this Act. This statement is available in the Registrar's Office.

NAME CHANGES ON ACADEMIC RECORDS

Name changes are processed only for currently registered students.

In order to process a name change, proof of the name change must be submitted before the request will be processed. Valid sources of proof are: marriage license, court papers, or a driver's license with the new name appearing.

This documentation should be brought to the Registrar's Office to request a name change.

GENERAL ACADEMIC REGULATIONS

TRANSCRIPT OF ACADEMIC RECORDS

Transcripts are available from the Registrar's Office. There is no charge for official or unofficial transcripts. In order to insure the confidentiality of our students' records, transcripts will be released only upon the written request of the student. Upon receipt of a written request for a transcript, the transcript will normally be sent within 48 hours of the request.

Transcripts will be withheld if a student has a past due account with the college.

GRADUATION HONORS

Graduation honors will be conferred according to the following regulations:

Bachelor's degrees, Summa Cum Laude, will be conferred upon those who have met all the requirements for the degree and attained an average grade of 3.87 quality points.

Bachelor's degrees, Magna Cum Laude, will be conferred upon those who have met all the requirements for the degree and attained an average grade of 3.60 quality points.

Bachelor's degrees, Cum Laude, will be conferred upon those who have met all the requirements for the degree and have attained an average of 3.30 quality points.

In no case will an honors degree be awarded to any student who has not taken at least the equivalent of two years of full-time course work in residence at Hope.

NOTE: Students entering the college in the Fall 2005 semester and beyond will have to meet the following standards for graduation honors: Summa Cum Laude, 3.9 to 4.0; Magna Cum Laude, 3.7 to 3.89; Cum Laude, 3.5 to 3.69.

ACCREDITATION

Hope College is accredited by The Higher Learning Commission, a commission of the North Central Association, 30 N. La Salle St., Suite 2400, Chicago, IL 60602, (800-621-7440). Hope has professional accreditation from the Accreditation Board for Engineering and Technology, the American Chemical Society, the Commission on Accreditation of Athletic Training Education, the Council on Social Work Education, the National Association of Schools of Art and Design, the National Association of Schools of Dance, the National Association of Schools of Music, the National Association of Schools of Theatre, and the Commission on Collegiate Nursing Education.

Hope College is accredited by the National Council for the Accreditation of Teacher Education (NCATE), 2010 Massachusetts Ave., NW, Suite 500, Washington, DC 20036; phone (202) 466-7496. This accreditation covers all teacher preparation programs.



DEGREES OFFERED

Hope College offers curricular programs that lead to the Bachelor of Arts, Bachelor of Music, Bachelor of Science, or the Bachelor of Science in Nursing degrees. Degrees may be pursued either on a full-time or part-time basis.

PHILOSOPHY OF EDUCATION

The philosophy of education at Hope College is summarized by the phrase “Liberal Education within the Christian Tradition.” Liberal education seeks to create an appreciative awareness of human achievements and potentialities and to evaluate conceptions of human existence. It strives to provide, in the words of the Covenant of Mutual Responsibilities between the Reformed Church of America and its colleges, “an atmosphere of search and confrontation that will liberate the minds, enhance the discernment, enlarge the sympathies, and encourage the commitments of all students entrusted to (it).” It also provides those intellectual skills which will prepare students for their responsibilities as informed, sensitive, competent members of the global community.

As an academic community the liberal arts college fosters free, sustained, disciplined inquiry with informed, critical understanding as its goal. This type of education provides the foundation for deeper inquiry into any given field. Depth of knowledge in a specialty, however, should be pursued not as an end in itself but as an expression of one’s intellectual and moral aims.

A liberal education within the Christian tradition also seeks to develop the whole person by infusing education with purpose and direction. Hope’s Christian heritage provides a foundation for defining moral values and making moral judgments. Reverent obedience to God, as revealed in Christ and through Scripture, provides one with a theological framework for self-understanding and social concern. Having an ultimate allegiance to the Creator of all truth frees and motivates scholarly pursuits.

A Hope College education challenges students to develop an understanding of the Christian faith as a basis for academic excellence and the fulfillment of human potential. The goal of this education, therefore, is to provide students with the intellectual and ethical foundations for lifelong learning and a life of service to others.

I. OBJECTIVES OF THE CURRICULUM

This philosophy of education is expressed through the curriculum. The curriculum, therefore, has been designed to fulfill four major objectives for any student who graduates from Hope College:

A. The Ability To Understand, Communicate, and Critically Appraise Differing Ways of Knowing

In addition to demonstrating a mastery of a fundamental body of information, all Hope graduates should possess the ability to examine, evaluate, understand, use effectively, and communicate knowledge. Knowledge in this case encompasses discursive thought, sensory experience, and such symbolic languages as mathematics and the perceptual image. These modes of knowing constitute tools or processes which teach students how to learn. The student should be able to make critical judgments: to discern assumptions and premises; to examine and evaluate arguments, generalizations, hypotheses, and methods; to identify biases and contradictions; to assess the validity of conclusions drawn from information and assumptions; to recognize and make appropriate distinctions among aesthetic experiences and responses. The achievement of this objective requires that the

THE DEGREE PROGRAM

student demonstrate fundamental skills in: clear and persuasive written and oral communication; sensitive and critical reading, listening, and viewing; precise perception; application of mathematical principles and procedures; and use of research facilities and library resources.

B. A Broadened Awareness and Heightened Sensitivity

Through direct experience with a variety of aesthetic, historical, theoretical, technological, cultural, and religious perspectives, the student's awareness and sensitivity should become increasingly broader and deeper as well as coherent. Experiences with various forms of artistic exploration and expression should heighten her or his aesthetic awareness and appreciation for symbolic modes of communication. An understanding of the achievements and failures of the past should deepen his or her critical appreciation of contemporary society. Exposure to scientific modes of inquiry should enhance her or his understanding of the natural world and the role of human beings in that world. Knowledge of various disciplinary methodologies should sharpen his or her understanding of the relationship between means of inquiry and the nature of the results obtained. An understanding of modern technologies should provide her or him with a practical appreciation of their usefulness and the ability to distinguish between their appropriate use and their potential misuse. Experience in the varied means of human communication — linguistic and artistic, denotative and symbolic — should further his or her understanding of both the human individual and human culture. Cross-cultural experiences and acquaintance with current affairs should lead to her or his heightened awareness of and sensitivity to gender issues, American minority and world cultures, international viewpoints, and the variety of issues calling for social justice. Experience with and knowledge of systems of belief should provide him or her with an understanding of historical Christianity and with the roles of religion in the world.

C. The Ability to Engage in Intensive Study

Sustained, orderly exploration of an academic discipline or within an interdisciplinary program, commonly referred to as a "major," should contribute not only to the development of the student's power of understanding, but also to a broadening of her or his intellectual concerns. Through intensive study the student is exposed to the major discoveries and the most significant thought in the field, to sound methodological and technical procedures, and to the contributions of the discipline to humankind's fund of knowledge. Through internship or other forms of experiential learning, the student becomes familiar with current practices and challenges in the field. In these ways the student should experience what it means to be an active and creative member of his or her discipline.

D. A Sense of Interrelatedness of Knowledge, Experience, and Responsibility

An understanding of different value systems and an awareness of interpretive pluralism in all disciplines should characterize the student's educational growth. At the same time, as the student becomes increasingly aware of the interdependent aspects of human experience and knowledge, she or he is encouraged to develop and to articulate a personal philosophy of life which will provide meaning and coherence in his or her learning, experiencing, and decision-making. In particular, the student should understand how such a philosophy of life can be informed by a Christian world-view and its implications regarding the nature and use of thought, knowledge, skills, work, and leisure. From within the context of her or his own discipline and personal philosophy of life, the student should remain open to the totality of human experience, seeking always an integration that leads to a responsible, purposeful, and fulfilling life.

THE DEGREE PROGRAM

II. REQUIREMENTS FOR THE BACHELOR'S DEGREE

Requirements for the Bachelor's degree briefly stated are:

1. Completion of at least 126 semester credits with a minimum 2.0 cumulative grade point average. (Courses with numbers below 100 do not count toward the 126 credits.)
2. Completion of the general education requirements.
3. Completion of a major program with a 2.0 cumulative grade point average in the major.

NOTE: Some major programs require higher cumulative grade point averages for graduation. Check departmental listings for these requirements.

NOTE: An additional bachelor's degree can be awarded only under special circumstances. For a degree-seeking Hope College student, two degrees will be awarded only if the student has completed 30 additional credits beyond the first bachelor's degree and has two major concentrations in different degree programs — i.e., an A.B. degree and a B.S. degree. Completing two majors does not merit the awarding of two degrees, unless the above criteria are first met. If a student has already earned a bachelor's degree from a college or university and applies to earn a second degree at Hope College, the student will be required to meet all major and general education requirements of Hope College and have a total of 156 credits earned in combination. The senior residency requirement must also be met by these transfer students. The general education reductions for Bachelor of Music and Bachelor of Science in Nursing degrees do not apply to students who are completing two degrees, one of which is a Bachelor of Arts or Bachelor of Science.

CATALOG OF ENTRANCE

Requirements for the degree may change while students are in their course of study. Students may elect to be governed by the requirements which were stated in the catalog upon entrance to the college or any later catalog requirements either for a departmental major, minor, or general education requirement.

SEMESTER CREDITS AND QUALITY POINTS

To be eligible for graduation, students must pass all college required courses and must present a minimum of one hundred twenty-six (126) credits of college work. The cumulative grade point average of all course work must be 2.0 or higher, and in some departments may be higher than the 2.0 cumulative grade point average.

RESIDENCE REQUIREMENTS

Under normal circumstances, the final 30 semester credits of the Hope College degree program must be completed at Hope College or in an off-campus program approved by Hope College. In certain individual cases, an exception may be granted through the following procedure:

1. The Registrar, in consultation with the student's department chairperson, may approve the taking of a maximum of 15 semester credits of the final 30 at another educational institution.
2. If a student seeks permission to complete the entire senior year at another educational institution, approval must be given by both the Student Standing and Appeals Committee and the Registrar. Such requests should be submitted to the Registrar who will forward each request to the appropriate persons.
3. In both of the above exceptions, approval must be granted in advance of the student's enrollment in the other institution and all Hope College academic requirements must be completed by the graduation date. No student will be graduated from Hope College who has not spent a minimum of one full academic year as a full-time student on the Hope College home campus during the period in which the student has junior or senior standing.

THE DEGREE PROGRAM

GENERAL EDUCATION REQUIREMENTS

PURPOSE OF THE GENERAL EDUCATION PROGRAM

The General Education Program and Curriculum furthers the mission of Hope College by equipping students to engage in informed critical reflection concerning themselves and the world, and preparing them for further study and for a life of learning, service, and productive activity.

CRITERIA FOR THE GENERAL EDUCATION CURRICULUM

The general education curriculum offers students clearly-defined criteria for success, information about their progress toward meeting these criteria, and multiple opportunities to attain them. The criteria for the general education curriculum at Hope College are divided into two categories: KNOWING HOW and KNOWING ABOUT.

KNOWING HOW

The Knowing How criteria will emphasize and teach Skills of Learning and Habits of Learning.

Skills of Learning: Hope College students will demonstrate college-level proficiency in:

- critical thinking
- mathematical thinking
- reading, listening, and viewing with understanding, sensitivity, and critical acumen
- use of computer technology and library research facilities
- written and oral communication

Habits of Learning: Hope College students will be encouraged and taught to develop an approach to learning in the tradition of the liberal arts, emphasizing:

- analytic, synthetic, and systematic thinking
- appreciation for tradition
- creativity
- curiosity and openness to new ideas
- intellectual courage and honesty
- moral and spiritual discernment and responsibility

KNOWING ABOUT

The Knowing About criteria relate directly to the mission of the college: *to offer, with recognized excellence, academic programs in the liberal arts, in the setting of a residential, undergraduate, co-educational college, and in the context of the historic Christian faith.* Because of this mission, the general education curriculum:

A. Enables students to explore and understand the central questions of human identity.

Fundamental questions allow insight into the influences of the past on the present, the perennial issues of human experience, and the discrepancy between human aspiration and human accomplishment. In addition, a liberal arts education should equip students to understand both how these questions challenge us and how the presuppositions behind these questions have been challenged. Central questions of human identity include the following: What does it mean to be —

- Creators and users of language, technology, and the arts?
- Creatures of God, made for relationship with God?
- Human beings who experience both suffering and joy?
- Physical beings in a physical world?
- Seekers of knowledge and meaning?
- Social beings who shape and are shaped by each other and by cultures?

THE DEGREE PROGRAM

- B. Prepares students to live in a changing world, enabling them to understand and constructively engage**
 - their heritage, community, nation, and world
 - technology, social complexity, and cultural diversity
- C. Educates students for a life of service, enabling them to**
 - balance individual autonomy and responsibility for others, society, and the physical environment
 - apply their knowledge effectively in service
- D. Increases students' capacity for delighting and participating in creative processes and the world around them.**

CHARACTERISTICS OF THE GENERAL EDUCATION CURRICULUM: CROSS-CURRICULAR THEMES

The following characteristics are woven through the general education curriculum, so that students will encounter them more than once and in different contexts. Cross-curricular themes will be introduced in general education courses by promoting

- active learning: focus on the involvement of students in their own learning with the goal of preparing students for life-long learning.
- critical thinking: focus on educating persons to be critical thinkers in a Christian liberal arts context with emphasis on 1) the techniques of analysis; 2) the ethical implications of social interaction; 3) the development of intellectual virtues.
- cultural diversity, including international education and global perspective; focus on the need to understand and learn to live well in a world characterized by high levels of cultural diversity.
- integration of faith and learning: focus on the following goals for students: 1) an understanding of the Christian tradition, including familiarity with biblical materials and a basic understanding of Christian convictions and practices; 2) the ability to articulate defining convictions; 3) the desire and ability to engage fruitfully in conversations about spiritual matters; 4) the desire and ability to engage constructively traditions and communities whose defining convictions differ from one's own; 5) the development of habits of mind appropriate to the continuing efforts of faith seeking understanding of all things, including self — intellectual virtues appropriate to such "spiritual inquiry" include courage, humility, patience, respect, honesty, reverence, awe, care, love of truth, and hope; 6) the ability to articulate a personal sense of relevance of one's own defining convictions to one's discipline and vocation, as these are related to God.
- library research skills: focus on developing students' learning of effective library research skills and adapting to the increasing emphasis on deriving information through technological means. Emphasis will be placed on helping students develop library research skills that will contribute to their life-long learning.
- oral communication skills: focus on developing a student's abilities to give effective oral presentations, engage in effective group work, and demonstrate effective interpersonal communication.
- ways of knowing: focus on introducing students to the methodological approaches taken by the four dominant facets of the academy in late-20th century in North America: the arts, the humanities, the natural sciences, and the social sciences. The goal of this characteristic is to provide students with a sense of the assumptions, values, approaches, methods, and tools used by scholars in each area.
- written communication: focus on developing a student's ability to write at an acceptable level.

THE DEGREE PROGRAM

COMPONENTS OF THE GENERAL EDUCATION PROGRAM: RATIONALE, COURSES, AND OBJECTIVES

FIRST-YEAR SEMINAR - 2 credits

Rationale: The purpose of the First-Year Seminar is to provide students an intellectual transition into Hope College. The seminar will introduce students to college-level ways of learning, requiring all students to take an active role in at least one course at the very beginning of their time at Hope College and encouraging them in more independent ways of learning. Thus the seminar will serve as a critical first step in encouraging students to take initiative for their learning and demonstrate independent activity in subsequent courses. This requirement will focus on the habits of learning and will stress the public speaking aspects of oral communication.

Objectives: In their First-Year Seminar, students will:

- explore an intellectually important topic with an instructor and with peers
- read primary texts critically
- discuss primary texts in a seminar format
- investigate specific topics and write their conclusions in an expository paper
- present their ideas for discussion and critical reflection
- where appropriate, engage in problem-solving in a small group context
- attend out-of-class events and discuss them in class
- learn about the purposes of a liberal arts education, including personal and intellectual development as well as professional and career preparation

Course: IDS 100 - First-Year Seminar

An interdisciplinary introduction to the liberal arts and to college-level ways of learning. This two-credit course will be taught topically, will concern itself with a wide range of general education criteria, and will focus on the “Knowing How” objectives of the general education program. Oral communication skills will be stressed. Some sections may focus on cultural diversity, in which case the student’s cultural diversity requirement will be partially satisfied.

The instructor of the First-Year Seminar will also be the student’s academic advisor. This will allow the student and advisor an opportunity to get to know each other in an academic setting. Conversations about other courses, grades, adjustment to college, personal interests, career goals, and campus involvements will occur more naturally in this setting.

The First-Year Seminar must be taken in the first semester (fall semester) of a first-year student’s academic program. The seminar may not be repeated in subsequent semesters. Transfer students are exempted from this course.

EXPOSITORY WRITING I - 4 credits

Rationale: The purpose of this component of the general education program is to develop students’ ability to reflect critically, logically, and speculatively on significant topics and ideas, and to express their reflections clearly and concisely in writing. This course serves as a foundation for additional writing instruction that will occur in Cultural Heritage I and II, Natural Science II, Social Science II, and the 200-level religion requirement. This requirement addresses the “Knowing How” criteria of critical thinking; reading, listening, and viewing with understanding, sensitivity, and critical acumen; the use of computer technology and library research facilities; and written and oral communication.

Objectives: In Expository Writing I, students will

- improve their ability to express thoughts in clear, cogent, and coherent writing

THE DEGREE PROGRAM

- be involved in intellectual inquiry, encouraging them to explore, to reflect upon, and to respond in discussion and writing to the questions arising from this inquiry
- prepare and write a research paper
- learn basic skills in using a college library
- prepare for additional writing instruction in later courses by learning a uniform set of terms (e.g. thesis statement, topic sentence, transition phrase) when discussing and critiquing writing
- learn basic skills in critical thinking and improve their critical thinking in written and oral formats

Course: English 113 – Expository Writing I

A four-credit course to be taken during the first year of a student's academic program. Emphasis in this course will be on the student's ability to express thoughts clearly and cogently in writing. The course will also stress the development of basic skills in critical thinking and the use of the library. This course is taught topically; the area of exploration is left to the discretion of the instructor with all areas of exploration linked to one or more of the objectives listed under "Knowing About." All sections of this course will focus on the writing process, and the shaping of the reading and classroom activity is done with the writing objective constantly in mind.

Some sections of this course may emphasize cultural diversity; these sections will also satisfy the cultural diversity component of the general education program.

HEALTH DYNAMICS — 2 credits

Rationale: The purpose of Health Dynamics is to help students understand the principles of exercise, proper diet and stress management, and to establish habits and skills that will enable them to reach and maintain good health and fitness for life. This requirement addresses the "Knowing About" criterion of what it means to be physical beings in a physical world.

Objectives: After completing Health Dynamics, students will

- appreciate the importance of maintaining good health behavior
- understand the fundamental principles of a healthy diet
- identify an exercise regimen for lifelong fitness
- understand the relationship between health and stress

Course: Kinesiology 140 – Health Dynamics

This course will emphasize the importance of good health, a healthy diet, the value of exercise, and the ability to manage stress seeking to develop patterns that will serve each student for life. Health Dynamics should be taken in the first year of a student's academic program.

MATHEMATICS AND NATURAL SCIENCE — 10 credits

Rationale:

MATHEMATICS: The purpose of the mathematics component is to deepen the student's understanding of mathematical reasoning, address some of the prevalent misconceptions of mathematics, and demonstrate both the usefulness and limitations of mathematical models in a variety of applications. This requirement addresses the "Knowing How" criteria of mathematical thinking; written and oral communication; analytical, synthetic, and systematic thinking.

NATURAL SCIENCE: The purpose of the natural science component is to deepen the student's understanding of the processes of science and the way in which science interprets the natural world. The natural science component focuses both on "doing" science and on the influence of science and technology on both society and the

THE DEGREE PROGRAM

environment. Courses will emphasize the hands-on nature of science. This requirement addresses the “Knowing How” criterion of critical thinking and the “Knowing About” criteria of what it means to be physical beings in a physical world and what it entails to prepare students to live in a changing world, enabling them to understand and constructively engage technology.

Objectives: In GEMS mathematics courses, students will

- develop mathematical and other creative forms of problem-solving skills, understanding that these skills are useful in personal and professional contexts.
- understand both the benefits and limitations of mathematical and/or statistical models, particularly in the use of mathematics as the mode of communicating our understanding of the physical world and for the study of human society.
- In addition to objectives specific to mathematics, GEMS mathematics courses emphasize the practical benefits of effective group work.

Objectives: In GEMS science courses, students will

- understand that science is a way of knowing based on observation, classification and hypothesis testing and that it has basic pre-suppositions and limitations.
- use critical thinking skills to understand scientific arguments.
- understand that science is an on-going cross-disciplinary exploration of the physical universe rather than just a collection of facts, and that this exploration is limited to certain types of questions and to the use of certain methodologies.
- engage in experimentation in the laboratory and field and/or in the observation of natural phenomena.
- GEMS science courses will provide students with an opportunity to explore the human dimensions of science and technology; for example, the ways in which science and technology impact natural and social environments and the ways in which science and technology are impacted by social, ethical, or political change.
- In addition to objectives specific to scientific study, students in GEMS science courses will practice oral and written communication skills in order to convey ideas and to work effectively in groups.

Course(s): The total mathematics/natural science requirement is ten credits. There is a variety of ways in which this requirement can be satisfied; the options differ depending on whether the student is a science or non-science major.

For non-science majors: any combination of ten credits in the natural sciences division, with the stipulation that two of the ten credits be in mathematics or GEMS (100-140) courses. The remaining credits may be a combination of GEMS (150-199) laboratory courses, GEMS 200-level courses, mathematics courses, or natural science disciplinary courses (biology, chemistry, computer science, geological and environmental sciences, physics).

This general education requirement stresses the interdisciplinary nature of the sciences, therefore there must be represented in this requirement either a GEMS laboratory course or laboratory courses from two different departments.

GEMS 100 – Understanding Our Quantitative World – 2 credits

GEMS 150-199 – Interdisciplinary Natural Science I courses with laboratories – 4 credits

GEMS 200-level Courses – Interdisciplinary Natural Science II courses – 2 credits

For science majors: courses already required in the natural sciences and mathematics for natural science division majors will satisfy this requirement. If using departmental courses for Natural Science I and Natural Science II, two disciplines must be represented.

Natural Science I courses will emphasize ways of knowing in the natural sciences and will contain a laboratory component. Critical thinking will be taught. Natural

THE DEGREE PROGRAM

Science II courses will build upon the writing skills taught in English 113 by offering significant instruction in and practice of writing skills. Some sections of Natural Science II courses will focus on issues of cultural diversity.

SECOND (FOREIGN) LANGUAGE – 4 credits

Rationale: This requirement encourages the student to build upon second language skills gained in high school and to achieve at least a basic conversational facility in a second language. Competence in a second language continues to be one mark of an educated person, and conversational ability in a second language is becoming an increasingly valuable skill in a society that is becoming more international and multicultural in orientation. In the continuing effort to prepare students for productive lives in that world, second-language competence should play a significant role. Language study addresses the “Knowing About” criteria of what it means to be creators and users of language, technology and the arts, and of the preparation of students to live in a changing world.

Objectives: In modern language courses, students will

- develop competence in the areas of listening and reading comprehension in a second language
- develop linguistic competence in oral and written expression in a second language
- expand the range of basic second-language vocabulary
- establish more firmly an understanding of the grammar of a second language
- develop an increasingly sophisticated awareness of and appreciation for the cultural and social life of the countries in which the language is spoken
- prepare themselves to participate meaningfully in an overseas study program

Objectives: In ancient language courses, students will

- develop competence in reading comprehension in a second language
- expand the range of basic vocabulary in the second language
- gain access to another culture which is foundational to the Western cultural heritage
- develop a deeper understanding of the structure and function of language
- enhance their understanding of their native language

Course(s): First-year college-level competency is the minimal requirement. Successful completion of the second semester of first-year language (courses numbered 102, 122, 172) will therefore satisfy this requirement. All students, however, who have studied a second language in high school will be required to take one course in a second language at the college level into which they are placed by the Department of Modern and Classical Languages’ review of their high school transcripts.

Students with high school experience in a second language are encouraged to continue with advanced study in that language. Students who have been placed into third or fourth semester language may, however, choose to fulfill the language requirement by taking an introductory course in another language.

All sections of modern language courses numbered 201/221 and 202/222 courses will be taught in the second language and will feature student-centered active learning. These courses will aim at genuine, meaningful communication in the second language and will provide the student with numerous opportunities to engage the culture of the language being studied, with the goal of building awareness and appreciation for that culture.

Successful scores on AP and CLEP exams may also be used to satisfy this requirement.

THE DEGREE PROGRAM

Placement Policy: Students will be given a recommended placement on the basis of their performance in second language courses in high school. Those who are judged to be ready for the fifth semester or beyond will be invited to take a placement test to confirm that level of competence, and testing into that level will qualify the student for a waiver of the requirement. Any other student who questions his/her placement will also be offered the placement test.

As incentive for students to enroll at their placement levels, credit will be given for all the second language courses which preceded the course completed (for example, completion of Spanish 221 will also trigger credit for Spanish 121 and 122). This awarding of credit will encourage students to take advantage of their prior learning of a second language. Students are encouraged to develop fluency in a second language by taking full advantage of this placement policy.

Waivers of this requirement are granted for those students who confirm their placement at the 300-level of language study and for those who are native speakers of a language other than English.

RELIGIOUS STUDIES – 6 credits

Rationale: The mission of the college is “to offer, with recognized excellence, academic programs in the liberal arts...in the context of the historic Christian faith.” The general education requirement in Religion is related to the mission of the college in two ways. First, religion is one of the liberal arts, central to the questions of human identity; therefore, an academic program in religion takes its place among the other academic programs in the liberal arts. Second, the general education requirement in religion provides students with a college-level understanding of “the historic Christian faith,” the context for education at Hope College. Among the “skills of learning” emphasized are critical thinking and reading. Among the “habits of learning” emphasized are moral and spiritual discernment. The subject matter includes central questions of human identity and responsibility, questions about the significance of human relationship to God, about the possibilities and limits of human knowledge of God, and about the meaning of human responsibility to God.

Objectives:

For the “Knowing How” criterion, students will

- develop greater ability to read religious texts, including but not limited to biblical texts, with understanding and sensitivity; with, in short, sympathetic imagination
- acquire increased proficiency in thinking critically with respect to religious texts, traditions, and experiences, e.g., greater facility in identifying arguments and ferreting out assumptions and implications
- develop greater listening skill and skill in communicating — both orally and in writing — their reflections and their convictions clearly, concisely, and persuasively
- become better able to interpret contemporary religious experience and events in light of past events, other traditions, and their own convictions
- increase their capacities for intellectual honesty, respect, and humility and in some measure further develop certain traits of character, e.g., courage, fortitude, justice, wisdom, and compassion
- For the “Knowing About” criteria, students will
- gain greater understanding of their own basic convictions, whatever they may be, and gain insight into how these convictions inform their world view and everyday practices
- acquire a basic familiarity with the biblical story — its main characters, important themes, historical-cultural contexts, literary genres, and the like

THE DEGREE PROGRAM

- obtain a rudimentary understanding of how Christian experience shapes and is shaped by historical contexts, and some appreciation for both continuity and change within Christianity
- acquire an understanding of and an appreciation for religious traditions other than Christianity

Course(s): Two courses totalling six credits are necessary to satisfy this requirement. The first is a two-credit Basic Studies course (REL 100) to be taught topically but emphasizing the objectives listed above. The second is a four-credit 200-level course in biblical studies, historical studies, theological studies, or world religions studies. Religion 100 must be taken before enrolling in a higher-level religion course.

SOCIAL SCIENCES — 6 credits

Rationale: The purpose of the social science requirement is to provide students with social scientific perspectives on human, social, and institutional behavior. The social sciences provide a unique perspective for enabling students to explore and understand central questions of human identity. This requirement addresses the “Knowing About” criteria concerning what it means to be social beings who shape and are shaped by each other and by cultures; concerning the preparation of students to live in a changing world, enabling them to understand and constructively engage their heritage, community, nation and world and to deal with technology, social complexity, and cultural diversity.

Objectives: After completing their social science component, students will

- demonstrate an understanding of empirical and non-empirical approaches to the study of human, social, and institutional behavior employed by the social sciences, including:
 - the emergence of the social science disciplines and/or institutions since the 18th century
 - the types of questions that can and cannot be addressed by empiricism and the differences between empirical and non-empirical questions
 - the assumptions, strengths, limitations, and critiques of empirical and non-empirical methods
 - the major ways by which social scientists observe and describe behavior: experimenting, interviewing, conducting surveys, and analyzing existing sets of data
 - appropriate interpretations and uses of evidence
- demonstrate an understanding of, appreciation for, and ability to apply their knowledge of:
 - differences among people, the personal and social effects of social group membership, and cultural diversity
 - policy-making processes and outcomes of social (that is, familial and religious) and either political or economic institutions
 - Christian perspectives on one of the following: ethical issues, institutions, public policies, or theoretical assumptions about human nature

Course(s): Two courses will be required. One course is to be taken from the courses identified as Social Science I courses (introductory courses with a lab component in psychology, sociology, communication, economics, or political science). Students who take the first course in psychology, sociology or communication must take the second course from economics or political science and vice versa. The second course is to be selected from courses identified as Social Science II courses. A Social Science I course should be taken before enrolling in a Social Science II course.

THE DEGREE PROGRAM

FOR THOSE STUDENTS WHO ARE SEEKING TEACHER CERTIFICATION AT THE ELEMENTARY OR SECONDARY LEVEL, the Social Science 1A (psychology, sociology or communication) may be met by completing both EDUC 220, 221 and EDUC 500. The EDUC 500 course must be completed in order to satisfy this requirement in this way.

Social Science I courses will emphasize ways of knowing in the social sciences and will contain a laboratory component. Principles of critical thinking will be taught, especially in the laboratory. Social Science II courses will build upon expository writing skills begun in English 113. Some sections of Social Science II courses will focus on issues of cultural diversity and will partially meet the general education cultural diversity requirement.

THE ARTS – 6 credits

Rationale: The purpose of this requirement is to develop in students an understanding that the arts enrich and ennoble the human spirit, thus confirming the mission statement of the Arts Division that “we celebrate the arts as essential to the richness and fullness of every human spirit.” The arts provide unique ways of knowing, bringing us face to face with ourselves, and with what we sense lies beyond. It is also important for human beings to participate in the creative process — to “do” art. This requirement addresses the “Knowing How” criteria of reading, listening, and viewing with understanding, sensitivity, and critical acumen; appreciation for tradition; and creativity. It also addresses the “Knowing About” criteria of what it means to be human beings who experience both suffering and joy, and of increasing students’ capacity for delighting and participating in creative processes and the world around them.

Objectives:

In Arts I and Arts II courses, students will

- attend performances, exhibitions, and/or film screenings; read texts; and communicate critically about the arts with increasing sensitivity and depth
- understand the artistic value, cultural significance and interconnectedness of the arts
- examine art and artists in the context of a variety of diverse cultures, styles, and social frameworks
- observe the interactive nature of the arts, viewing the arts as an expression of the human experience
- understand and participate in the interactive nature of the arts In Arts II courses, students will
- recognize and understand the creative processes essential to the arts
- explore and develop aesthetic modes of expression through acts of creating
- observe that lifelong participation in the arts is a valuable part of a life fully lived

Course(s): Two courses are required. The first will be a four-credit introductory Arts I course, the second a two-credit studio or performance course in art, dance, music, theatre, or creative writing designated as Arts II courses; or an accumulation of two credits in studio and performance courses.

All sections of Arts I courses will emphasize ways of knowing in the arts. All sections of Arts II courses will emphasize “doing” the arts.

THE DEGREE PROGRAM

CULTURAL HERITAGE – 8 credits

Rationale: Liberally educated people should be able to explore deeply what is involved in living a fully human life and being responsible persons, and engage vigorously and honestly with themselves, with their world, and with what is other than themselves – culturally, temporally, religiously and ontologically. The Cultural Heritage portion of Hope’s humanities General Education requirements pursues these overarching objectives of liberal arts education by having students reflect on the riches and challenges of their literary, philosophical and historical legacies. These courses will emphasize the “Knowing How” criteria of critical thinking and written communication and the “Knowing About” criterion of enabling students to explore and understand central questions of human identity.

Objectives: After completing Cultural Heritage courses, students will

- use the fundamental tools common to the humanities (reading, writing, asking good questions, constructing arguments) both to enrich their lives and to achieve more practical goals.
- read primary historical, literary, and philosophical texts critically, imaginatively, and reflectively, in order to better understand themselves, others, and the world.
- understand the Western cultural inheritance, its chronological development, its strengths and weaknesses, and (in some cases) its relations to non-Western cultures and their development and strengths and weaknesses.

Cultural heritage courses will also build upon the writing skills developed in English 113 through instruction and practice.

Courses: Cultural Heritage courses are divided into two categories by time period: Cultural Heritage I (CH1) courses deal with the pre-modern (ancient and/or medieval) period and Cultural Heritage II (CH2) courses deal with the modern period. Coursework for this requirement must include at least one CH1 course and at least one CH2 course for the sake of chronological breadth. Cultural Heritage coursework must also include the three disciplines of history, literature, and philosophy for the sake of understanding different ways of knowing in the humanities.

Covering three humanities disciplines in two courses is made possible by interdisciplinary courses that include all three disciplines or various combinations of two of them. The interdisciplinary Cultural Heritage courses (IDS 171 through 178) take various chronological and cultural focuses, with titles announced in the course schedule and descriptions available on the General Education Web site.

Interdisciplinary Cultural Heritage Courses (4 credits)

CH1	CH2	Disciplines covered
IDS 171	IDS 172	history, literature, and philosophy
IDS 173	IDS 174	history and literature
IDS 175	IDS 176	literature and philosophy
IDS 177	IDS 178	history and philosophy

Single-discipline Cultural Heritage Courses

CH1	CH2	Title
English 231	English 232	Literature of the Western World I and II
History 130		Introduction to Ancient Civilization
	History 131	Introduction to Modern European History
History 207	History 208	World Civilization I and II
Phil 230		Ancient Philosophy
	Phil 232	Modern Philosophy

THE DEGREE PROGRAM

In order to fulfill the requirement with two courses, a student may either take two IDS courses that combine to cover all three disciplines or combine a single-discipline course with an IDS course that includes the other two disciplines. Here are the possibilities according to which course a student takes for Cultural Heritage I or Cultural Heritage II:

CH1 course	Possible CH2 courses to fulfill the requirement
IDS 171	Any CH2 course
IDS 173	IDS 172 or IDS 176 or IDS 178 or Philosophy 232
IDS 175	IDS 172 or IDS 174 or IDS 178 or History 131 or History 208
IDS 177	IDS 172 or IDS 174 or IDS 176 or English 232
English 231	IDS 172 or IDS 178
History 130 or 207	IDS 172 or IDS 176
Philosophy 230	IDS 172 or IDS 174

CH2 course	Possible CH1 courses to fulfill the requirement
IDS 172	Any CH1 course
IDS 174	IDS 171 or IDS 175 or IDS 177 or Philosophy 230
IDS 176	IDS 171 or IDS 173 or IDS 177 or History 130 or History 207
IDS 178	IDS 171 or IDS 173 or IDS 175 or English 231
English 232	IDS 171 or IDS 177
History 131 or 208	IDS 171 or IDS 175
Philosophy 232	IDS 171 or IDS 173

Alternatively, a student may fulfill the Cultural Heritage requirement with a combination of three single-discipline courses, one from each discipline, totaling at least 10 credits. One course must be a four-credit CH1 course and one must be a four-credit CH2 course, and the third may be a two- or four-credit course in the third discipline. Writing courses in the Department of English will not apply to this requirement.

SENIOR SEMINAR – 4 credits

Rationale: The purpose of this requirement is to enable students to meet a major objective of a liberal arts education at Hope College: to develop an awareness of Christian ways of living and of how they relate to the variety of commitments that people make and assume. Senior seminar is intended to be a capstone to the student's liberal arts experience and the capstone of students' efforts to reach this objective. This requirement engages most directly with the "Knowing About" criterion of enabling students to explore and understand the central questions of human identity.

Objectives: In their senior seminar course, students will

- acquire knowledge of Christian ways of being, knowing, and living
- articulate their own value commitments and discuss them in the light of Christianity
- acquire an awareness of and tolerance for differing values that people affirm and live by
- increase their ability to discuss differences of value openly, sensitively, and reasonably
- acquire an ability to reflect on their own philosophy for life and to write about it in a personal, coherent, and disciplined manner

THE DEGREE PROGRAM

Course: IDS 400-level courses

The specific purpose of the senior seminar is to ensure that before students graduate from Hope College, they have explicitly confronted questions of value and belief in a practical and concrete way and to clarify how the Christian faith can inform a philosophy for living. These courses will emphasize neither a specific methodology nor specific course content, but will deliberately raise fundamental questions about human values and combine those questions with a challenge to students to reflect on their own choices — how they have come to make them and how they might affect the future. This course, taught topically, is intended to be interdisciplinary in nature. Students will, therefore, be able to enroll in any seminar that interests them.

Some sections of the senior seminar will focus on issues of cultural diversity and will therefore fulfill the cultural diversity general education requirement.

Because this course serves as the capstone to a student's liberal arts education, this course should be taken no earlier than the May Term of a student's junior year. Note: IDS 452 will remain a three-credit course for those preparing for teacher certification.

CULTURAL DIVERSITY REQUIREMENT – 4 credits

Rationale: One mark of an educated person is an understanding of cultural and global issues in both the U.S. and the world as a whole. American society is increasingly complex and variegated in its cultural practices and ethnic makeup. Global communication and cultural and economic exchange bring very different cultures into close contact. To prepare for leadership and service in a global society, students must cultivate respect and understanding toward people from cultures other than their own. Students must become more aware of themselves as shaped by cultures and learn how diverse cultural perspectives contribute to knowledge, human life and society.

Objectives: In courses with a focus on cultural diversity, students will

- examine diverse cultural perspectives of 1) historically marginalized groups in North America, including racial and ethnic minorities and women, and/or 2) southern hemisphere and non-Western cultures
- examine issues of difference, intolerance, inequality, justice, and power and understand the interplay of these complex concepts
- develop an appreciation for and a growing sensitivity to cultures other than their own
- develop cross-cultural competence by becoming more aware of the culture(s) by which they have been shaped and the need to bridge cultural divisions
- use written, oral, visual, or artistic sources produced within the cultures being studied

Course: All students will be required to complete a minimum of four credits in courses designated as having cultural diversity as their primary focus. Courses and/or sections of courses satisfying this requirement are offered throughout the curriculum, both in the general education program and within major programs, and are flagged as such in the class schedule.

THE MAJOR PROGRAMS

The bachelor degree requires the successful completion of a major program. The Bachelor of Arts degree may be earned in 36 fields of major concentration: accounting, ancient civilization, art, biology, chemistry, communication, computer science, dance, economics, engineering, English, fine arts, French, geochemistry, geology,

THE DEGREE PROGRAM

geophysics, German, history, international studies, kinesiology (athletic training, exercise science, teaching and coaching), language arts, Latin, management, mathematics, music, philosophy, physics, political science, psychology, religion, science, social studies, social work, sociology, Spanish, and/or theatre.

The Bachelor of Music degree may be earned in performance, jazz performance, vocal music education, and/or instrumental music education.

The Bachelor of Science Degree may be earned in biology, chemistry, computer science, engineering, geology, mathematics and physics. The Bachelor of Science degree requires a minimum of 36 credits in the major and a minimum of 60 credits in the natural sciences division.

Nursing majors may elect either a Bachelor of Arts degree or the Bachelor of Science in Nursing (B.S.N.) degree.

A student may formally declare a major anytime after the first semester of college work as long as the student is in good academic standing. Normally, the choice of a major program is made by the end of the sophomore year. Every student must declare and be assigned an academic advisor in the major area by the time senior status is obtained (90 semester credits).

For all those courses counting and required for a particular major program an average grade point of 2.00 or better is required for graduation. (Certain governmentally supervised programs such as teacher certification and social work may require higher grade point averages. Students must be aware of such special criteria.)

1. The Departmental Major

The departmental major is the most common means by which Hope's students engage in an intensive study in one field of knowledge. Upon the decision of a major and after consultation with the academic advisor, a student makes formal declaration of a major to the department chairperson on the appropriate form from the Registrar's Office. The department chairperson assigns a new advisor. The student and the new advisor then work out the academic program in line with all the specific requirements of the major program as stated in the course listing section of the catalog. The student should become familiar with all the departmental requirements in order to graduate from the college. The department chairperson will certify to the Registrar that all the criteria for the major have been met, including the 2.00 GPA required in the major area course work.

2. The Composite Major

The composite major is an alternative to the departmental major. While the composite major seeks to fulfill the same objectives as the departmental major, namely, the ability to engage in intensive, in-depth scholarly inquiry, the composite major allows for special alignment of courses from several departments to fulfill a particular academic or vocational objective. The composite major is just as rigorous as a department major, but it allows the tailoring of an academic program to a field or topic of inquiry other than a departmental field. Some composite majors have been formally established and are listed on page 111 of the *Catalog*.

Guidelines for the Composite Major — The following guidelines are established for those contemplating a composite major and for those responsible for approving such a major:

1. Applicants must present a rationale for their composite major. This must include a definition of the field of inquiry. This field must be more specific than a random collection of courses from several departments in the same division.
2. The composite major should consist of at least 36 credits of course work aimed at providing depth in the defined field of inquiry.

THE DEGREE PROGRAM

3. Of these credits, at least half should be in courses that are not elementary but upper level courses (normally courses numbered over 300).
4. As for all applications for majors, the request for a composite major should be made at the close of the sophomore year and certainly no later than three semesters prior to graduation. Upon acceptance the student will be assigned a major advisor who, in consultation with the student, has responsibility for determining the specific course sequence that must be followed to complete the major, and who certifies to the Registrar that the major has been completed.

Students interested in pursuing a composite major should consult with the Registrar about application procedures.

THE GROUP (COMPOSITE) MAJOR FOR THE ELEMENTARY EDUCATION STUDENT

Education students planning to seek certification in elementary education and not intending to major in one department should plan to follow one of the group (composite) programs already approved. Such a student should consult with the department of education by the end of the sophomore year. The group (composite) major leading to certification in elementary education consists of a minimum of 36 credits in related academic fields, as approved by the Michigan Department of Education. At present, the following composite majors are approved:

Fine Arts (Art, Dance, Literature, Music, Theatre)

Language Arts (English, Communication, Theatre)

Science (Biology, Chemistry, Geology, GEMS, Physics)

Social Studies (Geography, History, Political Science, Economics) *Social Studies group major also available to secondary education students.*

THE MUSICAL THEATRE COMPOSITE MAJOR is designed for the student interested in integrating studies in music, theatre, and dance, with a focus on musical theatre. Every proposed composite major will consist of an individualized course of study, as determined in consultation with advisors from the three participating departments and as outlined in the above *Guidelines for the Composite Major*. However, to assist in this process, the following guidelines for course selection have been developed:

Dance: jazz, 4 credits; modern, 2 credits; ballet or dance improvisation, 2 credits; tap, 3 credits; Dance 114, Period Dance; Dance 305, Dance Composition

Music: applied voice, 8-16 credits; applied piano, 4 credits; Music 111 and 112, Theory IA and IB; Music 113 and 114, Aural Skills IA and IB

Theatre: 105, 161, 162, 210, 215, 243, 261, 306, 375, 376 Upper-level electives to fulfill the requirements of composite majors and to enhance and augment an individual student's program of study will be added through further advising.

MINORS

While minors are not required for the degree, concentrations of course work in an area outside the student's major may qualify students to have this minor listed on their academic transcripts. Consult the departmental listings for approved minor programs. Minor declaration forms are available at the Registrar's Office.

Minors are required for some teacher certification programs, and students who intend to be certified to teach at the elementary or secondary level should consult with the Department of Education.



THE REGULAR SESSION

The majority of the curricular offerings are given in the two-semester regular session, beginning late in August and ending in May. Classes are held Monday through Friday throughout the day, the first class beginning at 8:00 a.m. and the last period ending at 5:20 p.m., with some evening offerings available. The college calendar is listed on page 425 of this catalog. Consult the Registrar for a list of course offerings.

The basic program of offerings during the regular academic session is found in the next section under Course Listings. Several special programs are offered during the academic year, some on campus and some at affiliated colleges and universities.

MAY TERM — JUNE TERM — JULY TERM

Hope College offers a program of summer school study on its campus for Hope students and those from other schools. The sessions are four-week terms in May (May Term), June (June Term) and July (July Term). Students enroll for up to four credits per term. This concentrated approach allows for innovation in the nature of the course and the mode of instruction. Course offerings include some of the college's regular courses along with several novel courses that can only be approached in this manner. Some courses are taught off-campus or include one, two or three-day field trips.

The courses are undergraduate credit courses which can be applied toward a bachelor's degree at Hope or transferred to other colleges and universities. A few offered courses may be acceptable at universities for graduate credit. By enrolling in all three terms, a student can earn nearly an entire semester's credit at Hope College.

Admission is flexible and open to high school seniors. Enrollment during one of these terms does not assure admission as a degree candidate. Students regularly enrolled at another college should secure advance permission from the Academic Dean or Registrar of that college if they wish credit transfer for their summer study at Hope College. Veterans may apply for full privileges under the G.I. Bill. College facilities are available for housing and dining.

For full details on the May Term, June Term and July Term, contact the Office of the Registrar.

SUMMER SEMINARS

The Summer Seminar program is a series of one-week intensive courses from a variety of academic departments. Held during the first full week following the July Term, these courses are attractive to regularly enrolled students and to Holland-area residents. Participants may receive one or two undergraduate semester credits or one graduate credit. These courses are also open to those who wish to audit.

COURSE LISTINGS AND GLOSSARY OF TERMS



COURSE NUMBER GUIDE

The course offerings at Hope College can be classified into three main divisions: lower division (100-299); upper division (300-699); and graduate division (700-899).

Competency levels are reflected in the first digit and are established as follows:

- 000-099 — No credit courses
- 100-199 — Freshman competency level
- 200-299 — Sophomore competency level
- 300-399 — Junior competency level
- 400-699 — Senior competency level
- 700-899 — Graduate level

In most departments, the second digit is used as a subdiscipline grouping. In all departments the middle digit “9” refers to honors, seminars, or independent study courses.

The third digit designates either semester sequence (odd — 1st semester; even — 2nd semester) or course sequence.

GLOSSARY OF TERMS

COMPOSITE MAJOR — A combination of several major disciplines especially arranged for students possessing particular educational and vocational goals.

CREDITS — Courses usually run 2, 3, or 4 credits a semester. Since each credit of class work requires a minimum of two hours of preparation out of class, two or three hours of laboratory work, requiring no outside preparation, are generally equivalent to one class credit.

MAJOR — An area of concentration in one particular subject in which the student earns a fairly large amount of required credits.

MINOR — The fulfillment of a specified number of credits in a particular subject not in the student’s major.

PREREQUISITE — The course(s) a student must have passed before he or she may take the course in question.

SEMESTER — The college year is divided into two semesters: a fall semester beginning in August/September and a spring semester beginning in January.

SEMESTER HOURS — Semester hours are credits. A student must complete 126 credits at a grade point average of 2.00 to be eligible for a degree and the credits must be in the required and elected courses.

ART AND ART HISTORY



Faculty: Mr. Nelson, Chairperson; Ms. Fox, Ms. Heath, Ms. Hillman, Mr. Mayer, Mr. McCombs, Ms. Shibata, Ms. Sullivan.

The Department of Art and Art History is accredited by the National Association of Schools of Art and Design.

Course offerings in the Department of Art and Art History are structured in form, content and sequence to provide a foundation in the fine arts for both the art student and the liberal arts student. The curriculum affords opportunities for study and creative work in the visual arts through studio practice and art history.

The Department of Art and Art History faculty members are teaching, producing and research oriented artists and art historians.

The department offers assistantships to qualified upper level students.

Students majoring in art at Hope College participate in a wide variety of activities:

- apprenticeships in New York City, Chicago and through The Philadelphia Center
- contacts with visiting artists and lecturers of national importance
- field trips to museums such as those in Chicago, Detroit and Toledo
- exhibition experience in the De Pree Gallery
- entrance in competitive shows
- varied contacts with other college art departments

Graduates of this department have gone into the following areas:

- graduate work in studio and art history
- practicing fine artists, sculptors, painters, printmakers, and photographers
- teaching on the college, secondary, and elementary levels
- graphic design in industry
- furniture design in industry
- art gallery management
- museum work
- publishing industry

MAJOR: A major consists of at least 42 credits of art in studio art or 36 credits in art history.

A. STUDIO ART MAJOR

The studio major consists of a broad selection of studio courses. Required courses are Art 105, 113, 114, 115, 116 or 119, 213 and 215. The studio major is also required to take at least 8 additional credits above the basic course in either painting, printmaking, drawing, sculpture, ceramics, or photography. In addition to the above studio courses, the student is required to take twelve credit hours in art history, including Art 111 and 242. A studio art major must present a comprehensive portfolio for a junior year review by the faculty. This must be passed in order to continue in the program. An exhibition of his/her work is required at the end of the senior year. The expected ratio of the studio students' clock hour involvement, in class and/or outside of class, to each credit is 3 clock hours of work per week to one credit.

B. ART HISTORY MAJOR

Majors in art history must fulfill course work in the Department of Art and Art History as follows: ART 111 (4 credits); 16 credits of ART 231, 232, 233, 241, 242, and 295; at least 8 credits of ART 360, 361, or 399. These courses may be repeated as topics change. Majors also must take 2 credits of studio art. Senior majors are also required to take 4 credits of ART 494, the Capstone Seminar in Art History, in which a senior thesis will be written, submitted to the faculty, and presented publicly.

ART AND ART HISTORY

A major in art or art history is expected to take related course work in such areas as history, literature, music and theater. Students are expected to visit museum collections and special exhibitions regularly. Art History majors should have reading knowledge of one foreign language. If graduate work is contemplated, a reading knowledge of French and German is recommended. For art and art history majors, foreign study and travel are strongly recommended during the student's stay at Hope.

C. VISUAL ART EDUCATION K-12 CERTIFICATION (50 Credits)

The visual art education major is a K-12 major on the secondary certification track only. The major consists of 50 credits as follows (no minor is required):

Courses in art history (12 credits): Art 111 is required. An additional 4 credits must be taken in Art 231, 232 or 233. Four additional credits must be taken in Art 241 or Art 242.

Courses in studio art (26 credits), comprised of required foundational courses (18 credits): Art 105, 106, 113, 114, 115, 116, 117, 118, and 119, and upper level studio courses (8 Credits): Art 213, 214, 215, 216, 217, 219, 313, or 315.

Required art education courses (12 credits): Art 305, 306, and 307.

An art education major must present a comprehensive portfolio for a junior year review by the faculty. This must be passed in order to continue in the program, and will determine whether or not the department can make a positive recommendation for student teaching. An exhibition of his/her work is required at the end of the senior year.

MINOR: A minor with a studio concentration consists of 22 credits in art, including 4 credits above the 100 level and 14 credits selected as follows: Art 111, and Art 105, 113, 114, 115 and Art 116. A minor with an art history concentration consists of 18 credits in art, including 2 credits in studio, Art 111, and an additional 12 credits of art history. Studio majors may not count Art 242 toward both a studio major and an art history minor.

STUDIO ART COURSES

105. Basic Design — Introduces basic design principles that are common to both the fine and applied arts. Principles are introduced through slide lectures and the solution of studio problems. Required for studio majors. No prerequisite.

Two Credits Hillman Both Semesters

106. Basic Design Applied — Teaches students how to use basic design principles to solve problems in the applied art disciplines of graphic and interior design. Prerequisite: Art 105.

Two Credits Hillman Both Semesters

113. Basic Painting — A study of the elements of 2-dimensional design and color theory through applied problems in painting. The course investigates a variety of painting concepts. Required for studio majors. No prerequisite.

Two Credits Sullivan Both Semesters

114. Basic Drawing — An introductory course that provides fundamental drawing experiences and information. Students will explore several approaches to drawing, using a variety of techniques and drawing media. Required for studio majors. No prerequisite.

Two Credits McCombs, Staff Both Semesters

115. Basic Sculpture — A study of the elements of design through applied three-dimensional problems in sculpture. The course investigates three-dimensional design concepts through a variety of materials and methods. Required for studio majors. No prerequisite.

Two Credits Mayer Both Semesters

ART AND ART HISTORY

116. Basic Printmaking — An introduction to basic printmaking techniques, including etching, drypoint and woodcut. Required for studio majors. No prerequisite.

Two Credits McCombs Both Semesters

117. Basic Ceramics — An introduction to ceramics as a medium for creative expression. Coil, slab and wheel work are focused on in utilitarian and sculptural modes. Raku, stoneware glazing and firing are explored. No prerequisite.

Two Credits Staff Both Semesters

118. Watercolor — Traditional and contemporary approaches to all water-soluble media, exploring fundamental techniques and color theory through still lifes, figure studies, outdoor assignments, slide lectures and demonstrations. No prerequisite.

Three Credits McCombs Yearly

119. Fundamentals of Photography — Using the camera as a visual instrument, this course examines the still-photographic medium as an expressive art form through the creation and critical study of black and white photographic form, structure and content. Camera required. No prerequisite.

Two Credits Nelson Both Semesters

213. Painting II — Experimentation with various painting approaches and techniques leading to further skill development and a continuing search for a personal artistic voice. Required for studio majors. Prerequisite: Art 113.

Four Credits Sullivan Both Semesters

214. Drawing II — Continuation of Art 114. Experimentation in a wide variety of media is encouraged. May be repeated for credit with permission of the instructor. Prerequisite: Art 114.

Four Credits McCombs Yearly

215. Sculpture II — An exploration of various sculpture materials and processes including direct metal, wood construction, mixed media and basic foundry procedures. Specific assignments may vary from semester to semester. Required for studio majors. Prerequisite: Art 115.

Four Credits Mayer Both Semesters

216. Printmaking II — Continuation of Art 116 with emphasis on advanced printmaking techniques such as color viscosity, intaglio prints, collographs, multicolor block and plate printing, large format prints. May be repeated for credit with permission of instructor. Prerequisite: Art 116.

Four Credits McCombs Both Semesters

217. Ceramics II — Continuation of Art 117, including work in both sculptural and utilitarian directions, elementary chemistry of glazes, and oxidation and reduction firing techniques. May be repeated for credit with permission of the instructor. Prerequisite: Art 117.

Four Credits Staff Yearly

219. Art Photo Processes — A continuation of Art 119 with emphasis on camera skills, digital imaging methods, color photography, and studio lighting to expand the knowledge and experience of materials available to individual photographic expression. Prerequisite: Art 119.

Four Credits Nelson Yearly

305. Elementary Art Methods — Designed for the prospective elementary art or fine arts teacher, this course investigates the many facets of creative development from early childhood to upper elementary. Materials and techniques suitable for teaching and supervising art as a major subject are emphasized. Methods of guiding and motivating creative expression K-5 are observed, discussed and practiced. There is a weekly field placement in area elementary art classrooms.

Four Credits Hayes-Hagar Fall Semester

306. Secondary Art Methods — Designed for the prospective secondary art teacher, this course develops a foundational understanding of the nature and characteristics of creative development in secondary art students—middle school through high

ART AND ART HISTORY

school. A variety of common secondary-level art media and tools will be explored and evaluated. The course will also address current best practices in the field of art education in order to develop both an informed personal philosophy of art education and an intelligent secondary art curriculum framework. There is a weekly field placement in area secondary art classrooms.

Four Credits Cornell Spring Semester, Even Years

307. Field Experience in Art Education — This is a two-week camp for elementary children with a focus on promoting the integration of dance, music and theatre into teaching the visual arts curriculum for the Art Education Minor and Elementary Fine Arts Group Major. Working with an experienced fine arts team, students will design integrated art experiences, implement them in the camp setting, and debrief the outcomes in daily staff meetings. Offered for two weeks during mid-August. Organizational meetings will be held during the spring semester in preparation for the arts camp experience.

Four Credits Hayes-Hagar Two Weeks, Mid-August

313. Painting III — Development of personal voice through a series of paintings, aided by individual, group, and visiting artist critiques, construction of an artist's book, and presentations. May be repeated for credit with permission of instructor. Prerequisite: Art 213.

Four Credits Sullivan Both Semesters

315. Sculpture III — Individual experimentation in various sculptural media including oxyacetylene and arc welding, M.I.G. and T.I.G. welding. Site specific installation is also explored. May be repeated for credit with permission of instructor. Prerequisite: Art 215.

Four Credits Mayer Both Semesters

389. GLCA Arts Program — The Great Lakes College Association, Inc. Arts Program, presently based in New York City, involves the student in a full semester of study and involvement in the arts. At the discretion of the department, a portion of the credits earned in this semester may be applied toward the student's major requirements. Otherwise, the credits will be understood to constitute elective credits within the department.

Sixteen Credits (maximum) Both Semesters

490. Special Problems in Studio — Independent study for advanced students who can benefit by an additional semester of specialized work in applied art. Under special circumstances this course may be repeated for credit, subject to approval by the chairperson of the department. Prerequisite: advanced standing and permission of the instructor.

Two or Four Credits Staff Both Semesters

ART HISTORY COURSES

111. Introduction to Art History — This course introduces students to the discipline of art history by focusing on several case studies, chronologically arranged, to be explored in depth using objects of study as well as primary and secondary sources in a lecture and discussion format. Students will gain experience in critically viewing and writing about art objects and architecture, as well as an understanding of the function of these monuments in a historical and cultural context. No prerequisites.

Four Credits Heath, Staff Both Semesters

231. Medieval Art and Architecture — A period survey of the art and architecture of the European, Mediterranean, and Mid-Eastern Middle Ages from the rule of Constantine to the 13th century in Italy, including Islamic, Byzantine, Carolingian, Ottonian, Romanesque, and Gothic visual culture. Emphasis will be placed upon the link between artistic forms and political and religious thought.

Four Credits Heath Every Other Year

ART AND ART HISTORY

232. Renaissance Art and Architecture — A period survey of the visual culture of Italy from the 13th through 16th centuries, including the work of Giotto, Michelangelo, da Vinci, and Rafael. This course will cover architecture, painting, sculpture, and prints, with particular attention paid to the unique economic, political, literary, and artistic traditions that characterize the Italian Renaissance.

Four Credits Heath Every Other Year

233. Baroque Art and Architecture — A period survey of the art and architecture of the 16th through 18th centuries in Southern Europe, including Caravaggio and Bernini, and Northern Europe, including Rubens and Rembrandt, as well as the cultures in the Americas and Asia that were affected by European exploration and colonization. Thematic issues will be discussed such as the role of art in the Counter-Reformation and in the expression of cultural identity in Europe and abroad, especially as it relates to the missions of the Jesuits and Franciscans.

Four Credits Heath Every Other Year

241. Modern Art and Architecture — A period survey of the art and architecture of the major art movements in Europe and America in the 19th and early 20th centuries, beginning with the academies through alternate theories of representation including Impressionism, Expressionism, Cubism and the invention of photography. Particular attention will be paid to the definition of Modernity and the impact of Industrialization on art and culture.

Four Credits Staff Spring Semester

242. Contemporary Art and Architecture — A period survey of post-modernist art from the mid-20th century to the present day. Emphasis will be given to the theoretical underpinnings of contemporary art, the diversity of artistic production, as well as to the new media of the post-digital age.

Four Credits Staff Fall Semester

295. Special Studies — A thematic period survey course in art history not covered in the regular course listings but offered in light of student interest, faculty expertise or relevance to cultural exhibitions and issues.

Two to Four Credits Staff When Feasible

360. Special Problems in Art History — A seminar focused on specific issues in art history related to the expertise of the art history faculty. Emphasis will be placed on the recent scholarship and methodology of a specific topic, as well as structured and independent student research that is intended to develop skills in conducting scholarly research. May be repeated as topics change.

Four Credits Heath, Staff Every Year

361. Special Projects in Art History — A seminar focused on a specific project related to the preservation, maintenance, and display of historical artifacts. Such projects may include but are not limited to student-curated gallery exhibitions, published catalogs, and data and archival work on the permanent collection. May be repeated as topics change.

Four Credits Heath, Staff Every Year

399. Art History Internship — Supervised practical experience in the preservation, maintenance and display of historical artifacts carried out at a museum, gallery, or print room in a program approved by the art history faculty.

Two to Four Credits

491. Independent Study in Art History — Independent study for advanced students with considerable background in art history who wish to study a particular problem, class of object or method. Independent research is emphasized.

Two to Four Credits

ART AND ART HISTORY

494. Capstone Seminar in Art History — A seminar to be taken in the final year and required of art history majors. Students will propose and carry out their own research project while also meeting with other capstone students to present their work in process and also to provide written and oral feedback to their colleagues. Major emphasis is given to the development of sound research methods and the use of primary sources. Each student will be expected to produce a lengthy research paper of scholarly merit.

Four Credits Heath, Staff Every Year

495. Topics in Art History

Two to Four Credits When Feasible

ASIAN STUDIES



Faculty: Mr. Dell'Olio, director; Ms. Dandavati, Ms. Hwang, Mr. Montaña, Mr. Nakajima, Ms. Tseng, Mr. Wilson.

The Asian studies minor is designed for students wishing to develop their knowledge of Asian culture, history and thought in order to become more aware and responsive citizens of a globally integrated world. The Asian studies minor aims to broaden a student's major program of study by adding a global, comparative perspective to any area of inquiry in the arts, humanities and social sciences. The minor also helps to prepare students who desire careers in international affairs, international business and international law. Study of an Asian language and study abroad are strongly recommended but not required.

A minor in Asian studies consists of a minimum of 20 credits: eight credits must be from courses in the area of culture and thought; four credits must be from courses in the area of history; four credits must be from courses in the area of contemporary politics and society. The remaining four credits may be chosen from any approved Asian studies course or a course in Asian language.

The courses below are described in the catalog under the discipline to which they refer. Other courses may be offered that fulfill the Asian studies minor. For further information, contact the director of the program.

A. Culture and Thought

Art 391	Topics in Asian Art	<i>Two Credits</i>	<i>Staff</i>
Philosophy 235	Asian Philosophy	<i>Four Credits</i>	<i>Dell'Olio</i>
Philosophy 241	Philosophies of China and Japan	<i>Four Credits</i>	<i>Dell'Olio</i>
Philosophy 242	Philosophies of India and Tibet	<i>Four Credits</i>	<i>Dell'Olio</i>
Religion 280	Introduction to World Religions	<i>Four Credits</i>	<i>Wilson</i>
Religion 381	Religions of India	<i>Four Credits</i>	<i>Wilson</i>
Religion 383	Studies in Islam	<i>Four Credits</i>	<i>Wilson</i>
Religion 389	Studies in World Religions	<i>Four Credits</i>	<i>Wilson</i>

B. History

History 280	Colonizers and Colonized	<i>Four Credits</i>	<i>Staff</i>
History 295	Studies in Non-Western History	<i>Two or Four Credits</i>	<i>Tseng</i>
History 370	Modern Middle East	<i>Four Credits</i>	<i>Staff</i>
Japanese 280/295	Intro to Japan Culture and History	<i>Four Credits</i>	<i>Nakajima</i>

C. Contemporary Politics and Society

IDS 200	Encounter with Cultures	<i>Four Credits</i>	<i>Staff</i>
IDS 210	Introduction to Ethnic Studies	<i>Four Credits</i>	<i>Montaña</i>
Pol. Sci. 300	Global Feminisms	<i>Four Credits</i>	<i>Dandavati</i>
Pol. Sci. 303	Asian Politics	<i>Four Credits</i>	<i>Dandavati</i>
Sociology 151	Intro to Cultural Anthropology	<i>Four Credits</i>	<i>Staff</i>



Faculty: Mr. T. Bultman, Chairperson; Mr. Barney*, Mr. Best, Mr. Boelkins, Ms. Burnatowska-Hledin, Ms. Chase, Mr. Cronkite, Mr. Fraley, Ms. Isola, Ms. Madison, Ms. McDonough, Mr. Murray, Mr. Sullivan, Ms. Swarthout, Ms. Winnett-Murray.

Biology is actually a number of different approaches to the study of life, from the molecular and biochemical to the ecological. The Department of Biology offers all Hope College students an opportunity to participate in biology, either in courses listed here or in some of the GEMS and Environmental Science courses. Several members of the Department of Biology faculty have been recognized as outstanding educators at the state and national levels. Biology majors leave Hope College well prepared to pursue a number of different careers. Many of our majors go on to earn advanced degrees in graduate, medical, dental, or other professional schools. Our success at placing students in those schools is outstanding. Other students go on to careers in the allied health professions, industrial research and laboratory positions, conservation and natural resources management, secondary education, and environmental/outdoor education.

We give students the chance to learn biology in well-taught courses in a diverse curriculum. Courses emphasize active participation by the students in lecture, discussion and laboratory settings. A hallmark of the department's approach is the belief that students best learn biology by doing biology. Thus almost all of our courses include investigative laboratories. In addition, we provide students with the opportunity to be biologists by participating in research projects with our faculty. Student/faculty research occurs both in the summer, when stipends are available to give selected students the experience of full-time research, and during the academic year. More than 100 research papers co-authored by students have been presented or published in the last five years. The variety of research projects reflects the diversity of interests of the biology faculty:

- ecologists are studying seed banks and tropical forest regeneration, effects of endophytic fungi on insects, behavioral ecology of tropical birds, and the ecology of invasive plants.
- botanists are investigating molecular plant systematics and environmental effects on plant physiology
- physiologists are studying temperature regulation and thirst in rats, the role of vasopressin receptors, the regulation of body mass and reproduction in vertebrates, and the electrophysiology of the hippocampus
- geneticists and molecular biologists are studying receptor cloning, molecular biology of amino acid carriers, and lipid metabolism in yeast
- zoologists are investigating host-parasite relationships of trematodes; interactions between insects, fungi, and grasses; and competition for nesting sites among bird species.

The department has many well-equipped laboratories and a 55-acre nature preserve for both teaching and research, and a well-supplied library of books and current journals. More recent additions to our capabilities include a computer laboratory for statistical analyses and simulation studies, an apotome/fluorescence microscope, diode array spectrophotometers, an automated DNA sequencer, a real-time PCR thermal cycler, scintillation counters, a video image analysis system, a computerized oxygen and carbon dioxide analysis system for metabolism studies, a portable photosynthesis system, equipment for electrophysiological studies, seven computerized polygraphs for physiological measurements, five walk-in and numerous reach-in environmental chambers, new field equipment, two molecular biology laboratories, and facilities for plant and animal tissue culture and gene cloning and amplification.

*Sabbatical Leave, Spring Semester 2009

BIOLOGY

Qualified students can spend a semester at a university abroad or in an internship while pursuing their other studies at Hope College or during participation in one of the college's domestic off-campus programs.

BIOLOGY MAJOR: A Hope College biology major must be prepared to meet a variety of future challenges. For that reason the basic requirements are distributed among the diversity of approaches to the study of biology. Students should discuss their individual needs with a member of the Department of Biology as early as possible so that those needs can be met.

Basic major requirements: The B.A. in biology requires completion of at least 28 credits of biology, including the 3 required core biology courses, 1 semester of a 4-credit mathematics course and 1 year of chemistry (major level courses are strongly recommended). The B.S. in biology requires completion of a minimum of 68 credits in the natural sciences. At least 36 of the 68 credits must be in biology and include the 3 required biology core courses and include 20 credits at the 300-level or higher (although Chemistry 314 and 315 may be counted as biology credits for the B.S. degree). Also required are Chemistry 111, 113, 114, 121, 221, 231 and 255; 2 semesters of 4-credit courses in mathematics (or one semester of a 4-credit mathematics course and CSCI 160 - Scientific Computer Programming); and 8 additional credits from courses in the natural science departments other than biology and chemistry. Students must have a minimum GPA of 2.0 in biology to graduate with a major.

Required courses: biology majors desiring either a B.A. or a B.S. must take the entry-level course, Biology 240 (Cells and Genetics), as well as Biology 260 (Organismal Biology) and Biology 280 (Ecology and Evolutionary Biology). These should be taken in numerical sequence. To ensure students are informed about the important topic of biological diversity, at least one of the following courses must be taken: Biology 340, 343, 380, 395 (Microbiology), 422, and 432. Biology 240, 260 and 280 are prerequisites for all upper-level courses (above 300) in biology.

Important Considerations:

1. Biology 240 and 260, and Chemistry 111, 113, 114 and 121 should be taken in the first year of college if possible.
2. The first year of chemistry must include laboratory each semester. For most students the preferable chemistry sequence for the requirement is Chemistry 111, 113, 114 and 121.
3. Students planning to attend graduate, medical or dental schools, or to pursue other biology careers that require rigorous training should take Mathematics 131 and 132; 1 year of physics; and Chemistry 111, 113, 114, 121, 221, 231, 255 and 256. Biochemistry, statistics, and computer programming are desirable for many biological careers.

BIOLOGY MINOR: The minimum requirement for a biology minor is 20 credits of biology including Biology 240, 260, and 280, plus 8 more credits selected from other courses in the department. Students must have a minimum GPA of 2.0 in biology to graduate with the minor. If earning a minor for secondary teacher certification, students must have at least 2.5.

BIOLOGY MAJORS AND MINORS FOR SECONDARY TEACHER CERTIFICATION: Majors desiring a B.A. must take at least 30 credits in biology, beginning with the three-course core: 240, 260, and 280.

Biology secondary teacher candidates must choose an additional 18 credits. (See the Department of Education Web page for specific electives approved for certification.) Because of the expectations for high school teaching, teacher candidates only may choose BIOL 221, Human Physiology. In addition to biology course work, teacher candidates must take one semester of a 4-credit mathematics course and a

BIOLOGY

year of chemistry. Candidates must have a minimum 2.5 GPA in biology for approval to student teach and to be recommended for Michigan certification.

Minors for secondary teacher certification must take at least 20 credits in biology, beginning with BIOL 240, 260, and 280. An additional eight credits may be chosen from the same biology department electives as the secondary teacher certification major. (See the Department of Education Web site.) Candidates for a biology minor must have a minimum of 2.5 GPA for approval to student teach and to be recommended for Michigan certification.

Courses designed for students preparing for careers in the allied health fields. These courses do not count toward a biology major or minor.

195. Introduction to Cell Biology — A study of the fundamentals of cell biology and genetics. Three lectures and one 3-hour laboratory period per week. Not open to students who have taken Biology 240. *Four Credits McDonough Fall Semester*

221. Human Physiology — A study of the function and interactions of the various organ systems of the human body. Three lectures and one 3-hour laboratory period per week. Not open to students who have taken Biology 260 unless they have permission from the chairperson of the Department of Biology. Can be applied to the biology major only if the student has been accepted into the Education Program and has permission from the chairperson of the Department of Biology. *Four Credits Barney, Fraley Fall Semester*

222. Human Anatomy — A course where the human body is studied from histological and gross anatomical perspectives. Laboratories require dissections, microscope work, and use of computer programs. Three lectures and one 3-hour laboratory period per week. Cross-listed with Kinesiology 200. *Four Credits Armstrong Spring Semester*

231. Microbiology for the Allied Health Professions — A study of selected bacteria, viruses and parasites with an emphasis on host-microbe interactions and microorganisms implicated in human disease. Three 1-hour lectures and two 1.5-hour laboratories per week. Prerequisites: Biology 195, one year of chemistry, or permission of the instructor. Not open to students who have had an advanced microbiology course. *Four Credits Best Spring Semester*

Core courses in biology:

240. Cells and Genetics — This is the first course prospective biology majors should take. It is a study of cells at the molecular level and the fundamentals of genetics. Topics covered will include: structure and function of cell membranes and cell organelles, enzyme activity and biosynthesis, metabolic and energy interconversions, Mendelian and molecular genetics and modern biotechnologies. Three lectures and one 3-hour laboratory per week. At least one semester of chemistry is highly recommended. *Four Credits Staff Fall Semester*

260. Organismal Biology — An examination of the relationships between structure and function in organisms. Common and unique solutions to the problems of support, movement, growth, gas exchange, water balance and other aspects of homeostasis will be examined. Three lectures and one 3-hour laboratory per week. Prerequisite: Biology 240. *Four Credits Staff Spring Semester*

280. Ecology and Evolutionary Biology — A broad overview of ecology and evolutionary biology, emphasizing the evolutionary relationships between major taxa, the ways in which organisms interact with their physical and biological environments, and how the results of such interactions drive the evolutionary process. Three lectures and one 3-hour laboratory per week. Prerequisites: Biology 240 and 260. *Four Credits Bultman, Murray Fall Semester*

BIOLOGY

Advanced courses in biology:

315. Advanced Topics in Ecology — A course that deals with the interactions between organisms and their physical and biological environments at an advanced level, emphasizing recent developments and specialized problems. Areas of emphasis (e.g., conservation biology, plant-animal interactions, community ecology, and physiological ecology) as well as course format (lecture-lab, lab only) and credits (1-4) will vary. Prerequisites: all core courses in biology.

One to Four Credits Murray Spring Semester

320. Plant Physiology — A study of the physical processes, nutrition, metabolism, biochemistry, and growth and development of plants and how these functions are affected by changes in the environment and in responses to other organisms. These plant functions will be examined at the molecular, cellular and organismal levels. Three lectures and one 3-hour laboratory per week. Prerequisites: all core courses in biology and Chemistry 221. (Chemistry 221 may be taken concurrently.)

Four Credits Swarthout Fall Semester, Odd Years

332. Comparative Anatomy of Vertebrates — An evolutionary study of vertebrate bodies, emphasizing structural adaptations to functional problems imposed by different environments. Laboratory work includes extensive dissections of a variety of aquatic and terrestrial vertebrates. Not open to students who have taken Biology 222. Prerequisites: all core courses in biology.

Four Credits Fraley, Winnett-Murray Spring Semester, Odd Years

340. Advanced Topics in Plant Biology — An in-depth study of specialized topics in botany such as plant anatomy, plant breeding systems, plant molecular systematics, and ecophysiology of plants. Two lectures and one 3-hour laboratory per week. Prerequisites: all core courses in biology.

Four Credits Evans, Swarthout Fall Semester, Odd Years

343. Vascular Plant Systematics — A study of the biology, evolutionary relationships and identification of selected families of vascular plants, and the principles of plant classification. The laboratory will involve field work and concentrate on the local flora. Two lectures and one 3-hour laboratory per week. Additional out-of-class hours are required. Prerequisites: all core courses in biology.

Four Credits Staff Fall Semester, Even Years

348. Advanced Cell Biology — An advanced study of cell structure, function and regulation of eukaryotic cells. The goal of this course is for students to learn and understand cellular/molecular mechanisms that are essential in the maintenance of cellular homeostasis. The specific topics include cell membrane, cell organelles, cytoskeleton, extracellular matrix and cell cycle. The gene structure and function is also explored. Three lectures per week. Prerequisites: introductory biology courses and Chemistry 221 or permission of the instructor.

Three Credits Burnatowska-Hledin Fall Semester

349. Advanced Cell Biology Laboratory — The laboratory course employs an investigative project approach and introduces students to the scientific literature, "research proposal" writing, and latest technologies used to investigate cellular function. The experiments focus on the cancer cell as a model and employ such techniques as cell culture, assays measuring cell proliferation and apoptosis, RNA isolation and microarray analysis, immunocytochemistry, and finally, protein analysis through gel electrophoresis and Western blotting. One 3-hour lab per week. Prerequisites: to be taken with Biology 348. *One Credit Burnatowska-Hledin Fall Semester*

BIOLOGY

355. Embryology — A study of the processes involved in the development of animal embryos, including regeneration and metamorphosis. The course integrates the descriptive, comparative and molecular approaches to the study of development. Three lectures and one 3-hour laboratory per week. Prerequisites: all core courses in biology and one year of chemistry, or permission of instructor.

Four Credits Cronkite Spring Semester

356. Genetics — A comprehensive overview of genetics from its classical beginnings, including Mendelian genetics, linkage, chromosomal aberrations and extranuclear inheritance to modern molecular genetics. After a thorough grounding, topical subjects are covered in the last part of the semester, and have included cancer genetics, genetics of behavior, and population genetics. Three lectures a week. The laboratory (1 credit) is optional, and may be taken concurrently with the course. Prerequisites: all core courses in biology and Chemistry 231.

Three Credits McDonough Fall Semester

357. Genetics Laboratory — Designed to introduce the student to the experimental basis of lecture topics. Investigations include the purification and analysis of DNA, generation and sequencing of recombinant DNA molecules, and *Drosophila* and bacterial genetics. Prerequisites: all core courses in biology, Chemistry 231, Biology 356 concurrently.

One Credit McDonough Fall Semester

366. Molecular Biology — An advanced course which examines the role of gene structure, function, and regulation at the molecular level to explain biological processes. Topics include basic processes such as DNA replication, recombination, and regulation of gene expression, as well as an emphasis on experimental design and techniques. The laboratory component of the course uses a project approach to introduce experimental design and molecular biological methods as students clone and characterize a gene. Three lectures per week, and one 5-hour laboratory. The lab meets only during the last half of the semester. Prerequisites: all biology core courses and Chemistry 231. Biology 356 recommended.

Four Credits McDonough Spring Semester

370. Animal Behavior — An investigation-based study of vertebrate and invertebrate behavior from an evolutionary perspective. Topics include proximate behavioral mechanisms (genetic, developmental and neurological) and ultimate consequences (evolution, ecology and sociology). Two 3-hour laboratories per week plus additional required out-of-class hours. Prerequisites: all core courses in biology. Statistics is strongly recommended. *Four Credits Winnett-Murray Fall Semester, Alternate Years*

374. Biology of Insects — The course is an introduction to the identification, structure, life cycle and behavior of insects. Field aspects will be stressed. Two 4-hour lecture/laboratory periods per week. Prerequisites: all core courses in biology.

Four Credits Bultman Fall Semester, Even Years

380. Field Studies in Biology — A concentrated study of a variety of organisms in their natural habitats. Normally requires camping trips as long as two weeks in duration. In addition study projects and/or papers will be expected. May be repeated for a maximum of 6 credits. Prerequisite: all core courses in biology or permission of instructor.

One to Four Credits Staff May Term/June Term/July Term

390. Independent Study of Biology — A special course to allow students to study an area of biology not included in the regular curriculum or an in-depth study of a selected biological topic. Prerequisites: all core courses in biology.

One, Two, or Three Credits Staff Both Semesters

395. Studies in Biology — Lecture, laboratory or seminar classes in a special topic of biology. For 2005-06, offerings will include Advanced Topics in Bioinformatics,

BIOLOGY

Microbiology, Population Genetics, and Plant Form and Function. Prerequisites: all core courses in biology. *Three to Four Credits Staff*

421. Evolutionary Biology — A study of special topics concerning the process of evolution and its mechanisms involving both micro and macro evolution. Each year a different special topic is explored. Past examples include evolutionary molecular biology and speciation. Three lectures and one 3-hour laboratory/discussion per week. Prerequisites: all core courses in biology. *Four Credits Cronkite Fall Semester*

422. Invertebrate Zoology — The biology of selected invertebrate animals will be studied with emphasis on their functional morphology, ecology and behavior. Laboratory includes field studies with a weekend trip to southern Indiana. Two lectures and two 3-hour laboratories per week. Prerequisites: all core courses in biology. *Four Credits Bultman Spring Semester; Odd Years*

432. Vertebrate Zoology — Vertebrate examples are used to investigate a broad range of biological topics including evolution, speciation, historical and modern zoogeography, energetics, behavior, ecology and conservation. Laboratory includes both laboratory exercises and field trips that focus on the taxonomy, external morphology, natural history and field identification of local vertebrates. Three lectures and one 3-hour laboratory per week. Additional out-of-class hours are required. Prerequisites: all core courses in biology. *Four Credits Winnett-Murray, Murray Fall Semester; Alternate Years*

442. Advanced Topics in Animal Physiology — An in-depth examination of some aspects of animal physiology such as cardiovascular systems, renal physiology, endocrinology, immunology, or environmental physiology. Three lectures and one 3-hour laboratory per week, or two lectures and two 2-hour laboratories per week. Additional out-of-class hours are required. Not open to students who have taken Biology 221, unless permission is granted by the instructor. Prerequisites: all core courses in biology. *Four Credits Barney, Fraley Spring Semester; Odd Years*

490. Independent Research in Biology — This course is designed to give students majoring in biology a chance to do research in an area in which they have a special interest. Students are expected to attend weekly seminars. Requires formal application and permission of the instructor with whom the student will work. *Normally Two Credits Staff Both Semesters*

495. Advanced Topics in Biology — A special course, sometimes taught as a seminar, which deals with a specific area of biology at an advanced level. Past topics have included environmental genetic theory, the biology of sex, the heart and kidney, cancer biology, ecology of plant-animal interactions, and cholesterol biology. Prerequisites: all core courses in biology or permission of the instructor. *One to Four Credits Staff Both Semesters*

499. Internship — An opportunity to gain practical experience in the work place. Requires formal application and permission of the department chairperson. Prerequisites: core courses in biology.

Biology Seminars — A program designed to give biology students and faculty an opportunity to participate in seminars on special topics in biology or areas of current research. Most of the speakers are biologists from outside Hope College. Not for credit. Biology majors are expected to attend.

Biology Laboratory Assistant — Qualified students are invited to apply for laboratory assistant positions. Selection will be made by the department. Assistants may work in research labs, in teaching labs, as animal and plant care technicians, or as teaching assistants. Not for credit. Assistants receive an hourly wage.



Faculty: Mr. Peaslee††, Chairperson; Mr. Brown*, Ms. Burnatowska-Hledin†, Ms. Chase†, Mr. Fu, Mr. Gillmore, Mr. Johnson, Mr. Krueger, Mr. Lee, Mr. Mork, Mr. Mungall**, Mr. Pikaart, Mr. Polik**, Ms. Sanford, Mr. Seymour**, Mr. Short, Mr. Silver, Ms. Smith, Ms. Stewart**, Mr. Taylor.

The Department of Chemistry is known nationally for its excellent program. In a study of chemistry programs at private four-year colleges published in the *Journal of Chemical Education*, the Hope College Department of Chemistry was recognized as outstanding in the productivity of its research program and for the accomplishments of its graduates. The chemistry program is certified by the American Chemical Society's Committee on Professional Training.

The program provides students with a rigorous introduction to the fields of chemistry and biochemistry in a setting that emphasizes knowledge of current developments in chemistry and experience with modern instruments and laboratory techniques. The chemistry faculty maintains a keen interest in students' professional involvement and scholarly development. The department has an active seminar program which brings students into contact with nationally recognized authorities in chemistry and chemistry-related fields.

The chemistry program places a strong emphasis on faculty-student research. Chemistry majors are encouraged to begin work with a professor on a research project early in their academic program. Research stipends are available to enable many students to work full-time on their projects during the summer. Student research is directed toward professional development and may result in joint authorship of scientific publications and in the opportunity to present research results at a regional or national scientific meeting.

The chemistry major includes sequences of both lecture and laboratory courses designed to establish a fundamental understanding of the major areas of the discipline. Students can elect to complete a chemistry major for a B.A. degree or a more extensive major for a B.S. degree. Students planning to do graduate work in the field or to enter industry should fulfill the requirements of the American Chemical Society's (A.C.S.) Certified Major Program which generally requires one course beyond the B.S. degree in chemistry. An A.C.S. certified B.S. Degree Program in Chemistry with Biochemistry Emphasis is available for students who have interests in chemistry and biology. Students who intend to enter medical or dental schools or plan a career in secondary education may design their major program according to their specific goals. Since students planning a chemistry major have a number of options, it is essential that they discuss their plans with the chairperson of the department or a chemistry advisor early in their academic program.

CHEMISTRY MAJOR PROGRAMS

BACHELOR OF ARTS DEGREE — The minimum requirements for a chemistry major are twenty-five (25) credits of science major chemistry courses, two semesters of physics with laboratory, and Calculus I (Math 131 or Math 125 and Math 126) and II (Math 132). While calculus based General Physics 121, 141, 122 and 142 are recommended for the B.A. degree and required for the B.S. degree, students seeking the B.A. degree may wish to consult their academic advisor to discuss if College Physics 105, 107, 106 and 108 are appropriate for their program of

*Sabbatical Leave, Fall Semester 2008

**Sabbatical Leave, Academic Year 2008-09

†Joint appointment with Department of Biology

††Joint appointment with Department of Geological and Environmental Sciences

CHEMISTRY/BIOCHEMISTRY

study. The chemistry courses must include: Chemistry 111, 121, 221, 231; six (6) credits of laboratory courses (e.g., Chemistry 113, 114, 255, and 256; Chemistry 315, 324, 332, 345 or other laboratory courses may be included in these 6 credits); and two courses selected from Chemistry 311, 322, 331 and 332, or 343. (Chemistry 331 and 332 must be taken together and are considered one course.) A minimum GPA of 2.0 is required for the science major chemistry courses.

BACHELOR OF SCIENCE DEGREE AND THE A.C.S. CERTIFIED MAJOR IN CHEMISTRY

— The B.S. degree in chemistry requires thirty-six (36) credits of science major chemistry courses and a total of sixty (60) credits in the natural sciences. A minimum GPA of 2.0 is required for all science major chemistry courses that are part of the B.S. degree or A.C.S. certified major. Both the B.S. degree and the A.C.S. certified major in chemistry require the same core courses in chemistry (31 credits), physics (8 credits), and mathematics (8 credits) that are listed in the following table. Dependent on the student's background in mathematics, General Physics 121 may be taken concurrently with Chemistry 121 in the freshman year or taken no later than the second semester of the sophomore year. College Physics 105, 106, 107 and 108 do not satisfy requirements for the B.S. degree.

The core chemistry, mathematics, and physics courses required for the B.S. degree and for the A.C.S. Certified Chemistry Major are:

Chem 111 (3) General Chem I	Math 131 Calc I (or Math 125 and Math 126)
Chem 113 (1) Gen Chem Lab I	Math 132 Calc II
Chem 121 (3) General Chem II	Phys 121 Gen Phys I
Chem 114 (1) Gen Chem Lab II	Phys 141 Phys Lab I
Chem 221 (3) Organic Chem I	Phys 122 Gen Phys II
Chem 255 (2) Org Chem Lab I	Phys 142 Phys Lab II
Chem 231 (3) Organic Chem II	
Chem 256 (1) Org Chem Lab II	Strongly Recommended Courses:
Chem 322 (3) Inorganic Chem	Math 231 Multivariable Math I
Chem 331 (3) Analytical Chem	Math 232 Multivariable Math II
Chem 332 (1) Analytical Chem Lab	
Chem 343 (3) Physical Chem I	
Chem 345 (1) Phys Chem Lab I	
Chem 344 (3) Physical Chem II	

For the B.S. degree, in addition to all of the core courses, a student must complete Chem 346 and 4 other credits of 200, 300 or 400 level advanced lecture or laboratory courses for a total of 36 credits (see Chem 256 description regarding the advanced lab). Suggested advanced level courses are listed below.

For the A.C.S. Certified Chemistry Major with a B.S. degree, in addition to the core courses, a student must complete Chem 311, Chem 324, Chem 346, 3 other credits of 300 or 400 level advanced lecture, and additional advanced laboratory experience to exceed 500 total laboratory hours (the laboratory hours for the advanced courses are listed with the course descriptions). The required laboratory courses (core plus Chem 324 and Chem 346) provide 384 laboratory hours. The additional hours could be Chem 490 combined with any other advanced laboratory, or any combination of three 200/300 level advanced laboratories (see Chem 256 description regarding the advanced lab). Only 84 laboratory hours of Chem 490 may apply to the 500 laboratory hours. An eight-week summer research experience may be applied toward the 500 laboratory hours in the same manner as Chem 490, provided an appropriate report is submitted. With approval of the chairperson of the Department of Chemistry, a chemistry-related, advanced level course from another natural science department

CHEMISTRY/BIOCHEMISTRY

may be substituted for one advanced level chemistry course in the A.C.S. Certified Chemistry Major Program.

Advanced level chemistry courses for the B.S. and A.C.S. Certified Chemistry Major include:

Chem 256 (1) Org Chem Lab II	Chem 347 (1) Chemical Modeling Lab
Chem 311 (3) Biochemistry	Chem 348 (1) Advanced Spectroscopy Lab
Chem 314 (3) Biochemistry II	Chem 421 (3) Struct. Dynam. & Syn. I
Chem 315 (1) Biochem Lab	Chem 422 (3) Struct. Dynam. & Syn. II
Chem 324 (1) Inorganic Lab	Chem 490 (1, 2, 3) Research
Chem 346 (1) Phys	Chem Lab II

For students planning to go to graduate school in chemistry it is essential to take Mathematics 231 and 232.

Premedical, pre dental and preveterinary students are advised to take the following courses in chemistry: 111, 113, 114, 121, 221, 231, 255, 256, and 311. To qualify for a chemistry major, health profession oriented students must meet the department's B.A. or B.S. degree requirements. These students design their chemistry major according to the specific requirement of their intended profession. Suggested courses to prepare for medical school are given on page 360.

Students who wish to major in chemistry for teaching in secondary school must complete all the requirements for a teaching certificate in the State of Michigan (pages 163-164), which include a 30-credit Department of Education approved major in chemistry. The chemistry major must consist of all the courses required for the B.A. degree (including the math and physics courses) and additional upper-level courses to meet the 30-credit requirement. With prior approval of the department chairperson, up to 4 credits of chemistry-based GEMS courses may be counted toward the 30-credit chemistry requirement. Students seeking the chemistry endorsement for teacher certification must have a major and/or minor GPA of 2.5.

Students interested in chemical engineering should consult with the chairperson of the Department of Chemistry or the engineering advisor early in their undergraduate program.

Students who are interested in combined science fields, special programs, or contract curriculums should consult with the appropriate chairpersons as early as possible to learn of opportunities, prospects, and requirements.

A.C.S. CERTIFIED BACHELOR OF SCIENCE DEGREE IN CHEMISTRY WITH BIOCHEMISTRY EMPHASIS — For the A.C.S. certified B.S. degree with biochemistry option, in addition to all of the core courses, a student must complete Chem 311, Chem 314, Chem 315, and at least three credits of advanced biology. The three advanced course credits may include Bio 356 (Genetics) or Bio 366 (Molecular Biology).

Note: The advanced biology courses have a prerequisite of the core courses in biology. The criterion of 500 laboratory hours is required for the biochemistry option, as described above for the A.C.S. certified chemistry major.

CHEMISTRY MINOR

The requirement for a chemistry minor is twenty-one (21) credits of chemistry courses including: Chemistry 111, 113, 114, 121, 221, 255, and eight (8) additional credits of science major chemistry courses.

BIOCHEMISTRY MINOR

The requirement for a biochemistry minor is twenty-two (22) credits of chemistry courses including: Chemistry 111, 113, 114, 121, 221, 231, 255, 311 and 314.

Note: The biochemistry minor is not awarded in conjunction with either the B.A. or the B.S. major in chemistry.

CHEMISTRY/BIOCHEMISTRY

COURSES DESIGNED PRIMARILY FOR STUDENTS NOT MAJORING IN ONE OF THE SCIENCES

101. Introduction to Chemistry — This course presents selected chemical concepts at an introductory level for students who are not majoring in one of the sciences. Topics include atomic, ionic and molecular properties, bonding, balanced equations, acids and bases, solutions, simple organic structures, polymers, and nuclear chemistry. Laboratory activities support concepts presented in lecture. Lecture, 3 hours per week; laboratory, one 3-hour session per week. Co- or prerequisite: GEMS 100 (Mathematics for Public Discourse), Math 205, or any calculus or statistics course. This course is cross-listed as GEMS 160. *Four Credits Staff Spring Semester*

103. Introduction to Biological Chemistry — This course is designed for pre-nursing students and for students not majoring in one of the sciences. The fundamental concepts of chemistry will be emphasized as they relate to organic chemistry and biochemistry. The course does not count toward a chemistry major. Lecture, 3 hours per week; laboratory, one 3-hour session per week. Prerequisite: a full year of high school chemistry with laboratory or Chemistry 101 or GEMS 160. *Four Credits Sanford, Staff Spring Semester*

COURSES DESIGNED PRIMARILY FOR SCIENCE MAJORS

111. General Chemistry I — This first course in chemistry is for all students who wish to major in science. Topics include stoichiometry, states of matter, periodicity, inorganic reactions, atomic structure, chemical bonding, geometry of molecules, chemistry of non-metals and solutions. Lecture, 3 hours per week; discussion, 1 hour per week. *Three Credits Pikaart, Silver Fall Semester*

113. Laboratory of General and Analytical Chemistry I — This course provides an introduction to techniques and laboratory procedures. Topics include qualitative analysis, colorimetry, spectroscopy, colligative properties, gas laws, and computerized data collection and analysis. Laboratory, one 3-hour session per week (42 lab hours). Corequisite: Chemistry 111. *One Credit Fu, Silver, Short, Staff Fall Semester*

114. Laboratory of General and Analytical Chemistry II — This is a continuation of Chemistry 113 including volumetric analysis, potentiometric titration, calorimetry, study of reaction rates by spectrophotometry, determination of acid dissociation constants, electrochemistry, atomic absorption spectroscopy, and the Nernst equation. Laboratory, one 3-hour session per week (42 lab hours). Corequisite: Chemistry 121. *One Credit Mork, Short, Staff Spring Semester*

121. General Chemistry II — This course consists of a continuation of the basic principles of chemistry including chemical energy, electrochemistry, chemical kinetics, acids and bases, and ionic equilibria with an emphasis on inorganic reactions and the chemistry of metals. Lecture, 3 hours per week; discussion session, 1 hour per week. Prerequisite: a grade of C- or better in Chemistry 111. *Three Credits Brown, Silver Spring Semester*

221. Organic Chemistry I — The basic principles of organic chemistry are introduced through studies of the structures and reactions of carbon compounds. The mechanistic treatment of aliphatic and aromatic chemistry is stressed. Lecture, 3 hours per week; discussion session, 1 hour per week. Prerequisite: a grade of C- or better in Chemistry 121. *Three Credits Johnson, Sanford Fall Semester*

231. Organic Chemistry II — This is a continuation of Chemistry 221 with emphasis on complex molecules, including those found in biological systems. Lecture,

CHEMISTRY/BIOCHEMISTRY

3 hours per week; discussion session, 1 hour per week. Prerequisite: a grade of C- or better in Chemistry 221. *Three Credits Johnson, Gillmore Spring Semester*

255. Organic Chemistry Laboratory I — This laboratory course stresses modern techniques for analyses of organic compounds and studies of the mechanisms of organic reactions. Infrared spectral analyses and chromatographic separations are introduced. Laboratory, one 5-hour session per week; discussion session, 1 hour per week (84 lab hours). Corequisite: Chem 221. Prerequisite: Chemistry 121.

Two Credits Fu, Gillmore, Johnson, Sanford, Smith Fall Semester

256. Organic Chemistry Laboratory II — This is a continuation of Chemistry 255 with emphasis on use of the chemical literature in organic syntheses and qualitative organic analysis. Nuclear magnetic resonance spectroscopy and mass spectroscopy are introduced. Laboratory, one 5-hour session per week; discussion session, 1 hour per week. The first 8 weeks of this laboratory (48 lab hours) comprise the 1 credit that is part of the core requirements. The remaining 6 weeks (36 lab hours) consist of an independent synthetic project and comprise the 1 credit that is part of the advanced level courses. The advanced level credit must be taken in conjunction with the core level requirement. Corequisite: Chem 231. Prerequisites: Chemistry 221 and 255.

One or Two Credits Gillmore, Johnson, Sanford, Smith Spring Semester

295. Studies in Chemistry — A lecture and/or laboratory course in a chemical area of current interest.

Three Credits Staff Both Semesters

311. Biochemistry I — The biochemistry of proteins, carbohydrates, lipids, enzymes and coenzymes is discussed with an emphasis on the structure/function properties of biomolecules. A background of Biology 240 or equivalent is highly recommended, but not required. Lecture, 3 hours per week; discussion session, 1 hour per week. Prerequisite: a grade of C- or better in Chemistry 231.

Three Credits Chase Fall Semester

314. Biochemistry II — The course is a continuation of Chemistry 311 with emphasis on metabolic pathways (lipids, carbohydrates and proteins), regulatory processes, and transfer of genetic information. Lecture, 3 hours per week; discussion session, 1 hour per week. Prerequisite: a grade of C- or better in Chemistry 311.

Three Credits Pikaart Spring Semester

315. Biochemistry Laboratory — The laboratory course introduces general protein biochemistry experiments including protein purification, enzyme kinetics, fluorescence, chromatography, electrophoresis and spectrophotometry. Laboratory, one 5-hour session per week; discussion session, 1 hour per week (42 lab hours). This course may be taken during the first half of the spring semester or during the second half of the spring semester. Prerequisite: Chemistry 311.

One Credit Burnatowska-Hledin Spring Semester

322. Inorganic Chemistry — A detailed examination of covalent and ionic inorganic substances, Lewis acid-base concepts, thermodynamic aspects, coordination chemistry, chemistry of metals and nonmetals, inorganic aspects of aqueous and nonaqueous solvents. Lecture, 3 hours per week. Prerequisite: Chemistry 221.

Three Credits Silver Spring Semester

324. Inorganic Chemistry Laboratory — Laboratory experiments provide an introduction to modern laboratory techniques used in inorganic chemistry. The work stresses synthetic techniques (including the handling of air-sensitive materials in glove boxes and on vacuum lines), the preparation of novel materials of an inorganic and bioinorganic nature, and the study of their chemical, physical, structural, and kinetic

CHEMISTRY/BIOCHEMISTRY

properties by modern instrumental techniques. Laboratory, one 3-hour session per week (42 lab hours). Corequisite: Chemistry 322.

One Credit Silver, Staff Spring Semester

331. Analytical Chemistry Lecture — Lecture topics include statistics, sampling, chemical equilibrium, titrimetric procedures, spectroscopy, separations and electrochemistry as well as an introduction to modern analytical instrumentation. Lecture, 3 hours per week; discussion session, 1 hour per week. Prerequisites: Chemistry 114, 121, and Physics 122. Corequisite: Chemistry 332.

Three Credits Mork Fall Semester

332. Analytical Chemistry Laboratory — Laboratory experiments apply the total analytical process to real samples, including sample collection, chemical workup, wet chemical and instrumental analysis. Methods of analysis include standard volumetric procedures, UV/VIS spectroscopy, atomic absorption, ion selective electrodes, gas chromatography-mass spectrometry, and HPLC, as well as standard methods from various official agencies. Extensive data analysis using spreadsheets. Laboratory, one 3-hour session per week (42 lab hours). Corequisite: Chemistry 331. Chemistry 331 and 332 must be taken during the same semester. *One Credit Mork Fall Semester*

343. Physical Chemistry I — The basic principles of physical chemistry are introduced with applications in the chemical and biological sciences. Underlying principles of thermodynamics, equilibrium, and kinetics are developed and applied to solutions, enzymes, spectroscopy, and macromolecules from macroscopic and statistical perspectives. Lecture, 3 hours per week; discussion session, 1 hour per week. Prerequisites or corequisites: Chemistry 121, Mathematics 132 and Physics 121. Mathematics 231 is strongly recommended. *Three Credits Krueger Fall Semester*

344. Physical Chemistry II — The quantum description of matter is investigated by studying basic concepts of quantum mechanics, simple quantum models, atomic orbitals, molecular energy levels, spectroscopy, and chemical bonding. Lecture, 3 hours per week; discussion session, 1 hour per week. Prerequisites or corequisites: Chemistry 121, Mathematics 132, and Physics 122. Mathematics 231 and 232 are strongly recommended. *Three Credits Krueger Spring Semester*

345. Physical Chemistry Laboratory I — Laboratory experiments provide an introduction to modern laboratory techniques used in physical chemistry. The work stresses thermochemistry, kinetics, transport phenomena, data and error analysis, vacuum techniques, the use of instrumentation, and technical report writing in obtaining, analyzing and presenting accurate data from chemical systems. Laboratory, one 3-hour session per week (42 lab hours). Corequisite: Chemistry 343.

One Credit Krueger Fall Semester

346. Physical Chemistry Laboratory II — Molecular structure and dynamics of chemical systems are studied using Fourier transform infrared and ultra-violet spectroscopy. Spectral interpretation in terms of basic quantum mechanical models is emphasized. Laboratory, one 3-hour session per week (42 lab hours). Corequisite: Chemistry 344.

One Credit Krueger Spring Semester

347. Chemical Modeling Laboratory — Computer modeling exercises provide an introduction to mathematical models used in physical chemistry. The work stresses the development and application of mathematical models to understand and make predictions about the physical properties of chemical systems. Computer laboratory, one 3-hour session per week (42 lab hours). Prerequisite or corequisite: Chemistry 344.

One Credit Krueger Spring Semester, Odd Years

CHEMISTRY/BIOCHEMISTRY

348. Advanced Spectroscopy Laboratory — Modern nuclear magnetic resonance and laser spectroscopy methods are studied. The quantum mechanical and kinetic theory behind the operation of these instruments is studied, and the acquisition of technical proficiency in their use is emphasized. Laboratory, one 3-hour session per week (42 lab hours). Prerequisite or corequisite: Chemistry 344.

One Credit Krueger Spring Semester, Even Years

395. Special Topics in Chemistry — This course may be a lecture or laboratory on a topic in chemistry related to special interests of the faculty or to significant current developments in the field. The content of this course will build in a significant way on concepts introduced in the core courses required for the B.S. degree.

One to Three Credits Staff Both Semesters

421. Structure, Dynamics and Synthesis I — This course provides important coverage of chemical synthesis by building on prior knowledge to critically explore more complex concepts. The course is designed for students who intend to become professional chemists at the B.S. level or who plan on attending graduate school for an advanced degree. Topics include organometallic chemistry, advanced organic synthesis and mechanisms, and selected topics in advanced inorganic chemistry. Lecture, 3 hours per week. Prerequisite: Chemistry 231. Prerequisite or corequisite: Chemistry 343.

Three Credits Gillmore Fall Semester

422. Structure, Dynamics, and Synthesis II — This course provides important coverage of chemical theory and computation by building on prior knowledge to critically explore more complex concepts. The course is designed for students who intend to become professional chemists at the B.S. level or who plan on attending graduate school for an advanced degree. Topics include molecular symmetry and group theory, computational chemistry, and molecular orbital theory. Lecture, 3 hours per week. Prerequisite: Chemistry 231. Prerequisites or corequisites: Chemistry 322 and Chemistry 344.

Three Credits Staff Spring Semester

490. Independent Research in Chemistry — This course provides chemistry majors an opportunity to do research in a field in which students and faculty have special interests. An appropriate report must be submitted to the department chairperson in order for credit to be awarded. Students should contact faculty or the department chairperson to arrange for research with a faculty member (84 lab hours).

One, Two or Three Credits Staff Both Semesters

499. Internship in Chemistry — This program provides chemistry training and skill development for the student. This is usually done off-campus and the student must work under the supervision of a qualified scientist. A written report appropriate to the internship experience is required. A prospectus describing the project must be approved by the supervising scientist and submitted to the department chairperson before a student may register for credit.

One or Two Credits Staff Both Semesters

Assisting in Chemistry Laboratory — Upon the recommendation of the chemistry faculty, a limited number of students who have done meritorious work are invited to serve as laboratory assistants. No credit or honor points will be given toward graduation, but a stipend is offered.

Chemistry Seminar — A weekly series of seminars given by guest lecturers from academic institutions, industry, and government. Lecture topics include research activities and current special topics in all areas of chemistry. The guest lecturers are also available for discussions concerning graduate education as well as career opportunities for chemistry majors. No credit or honor points will be given toward graduation.

Teaching of Science — See Education 331 (page 169).



Faculty: Ms. Johnston, Chairperson; Ms. Anderson, Ms. DeVries, Ms. DeWitt-Brinks, Mr. Herrick, Ms. Housel, Mr. Park, Mr. Pocock, Mr. Spielvogel.

Communication studies is one of the fastest growing majors on campus. In 1995, the Hope College Department of Communication was recognized as one of the two outstanding small college departments of communication in the nation by the Speech Communication Association. In 1987, the department was recognized as one of three "Programs of Excellence" by the Central States Communication Association for the quality of the curricular program. In 1991, the department was again named a "Program of Excellence" in recognition of the content and structure of the introductory course, Comm 101. The Department of Communication is housed in the new, state-of-the-art Martha Miller Center for Global Communication, where students have the opportunity to use video production, journalism, speech and research facilities.

Communication knowledge and skills are essential for personal success and for full participation in a complex and rapidly changing democratic society. Communication competence incorporates a number of learning goals often identified as important by employers and graduate schools. These goals include:

- interacting easily and productively with others;
- thinking critically and solving problems;
- communicating ideas clearly and effectively;
- balancing conflicting viewpoints;
- exhibiting tolerance and trust in relations with others; and
- working for social justice and change.

Historically, communication theory and practice have been central to education in the liberal arts tradition. In keeping with this tradition, the Department of Communication offers a curriculum designed to enhance understanding of the communication process and refine communication skills. Courses focus on major perspectives for studying communication and on applying communication knowledge to various contexts, including interpersonal relationships, small group interaction, face-to-face persuasive presentations, and print and electronic mass media. Students also have extra-curricular opportunities to work with the *Anchor* (student newspaper), WTHS (student radio) and cable-cast television programs.

Communication majors at Hope often link their academic programs with other disciplines as they prepare for careers in business, ministry, theatre, law and teaching. Professional plans in journalism, broadcasting, public relations, human resource development, film, corporate communication, public speaking, ministry, global communication, and government often stem from opportunities provided to communication majors. The nationally-recognized Hope communication curriculum also provides a strong and well-regarded foundation for students planning further study in communication at major graduate institutions.

SOCIAL SCIENCE REQUIREMENT

Communication 101 (The Communication Process) satisfies the Social Science I general education requirement. This course focuses on communication competence - the ability to communicate effectively in relationships and to critically analyze media messages.

Communication 151 (Introduction to Mass Media) satisfies the Social Science II general education requirement. This course is an introduction to the different types of media and the impact of media on society.

COMMUNICATION MAJOR — The communication major curriculum is designed to provide a balanced education emphasizing theoretic understanding and skill

COMMUNICATION

development across all significant communication contexts. A student typically enters the program through any one of four introductory courses (101, 140, 151, 160). It is assumed that majors will progress through the course offerings chronologically, from 100-level to 300- and 400-level courses.

A Bachelor of Arts degree with a communication major may be obtained by completing **38 credits** in the Department of Communication according to the following criteria:

Credits required:

100 level:

14 credits

- COMM 101 - Introduction to the Communication Process (4 credits)
- COMM 140 - Public Presentations (4 credits)
- COMM 151 - Introduction to Mass Media (2 credits)
- COMM 160 - Analytic Skills in Communication (4 credits)

200 level: 12 credits with COMM 260 and COMM 280 required

- COMM 210 - Interpersonal Communication (4 credits)
- COMM 220 - Task Group Leadership (4 credits)
- COMM 231 - Communication and Conflict (4 credits)
- COMM 251 - Media Production I (4 credits)
- COMM 255 - Reporting, Writing, and Editing for Print Media (4 credits)
- COMM 257 - Communication for Public Relations (2 credits)*
- COMM 260 - Rhetoric and Public Culture (4 credits)
- COMM 280 - Research Methods (4 credits)
- COMM 290 - Independent Media Project (1-2 credits)*
- Does not fulfill 200-level major requirement.

300 level: 8 credits

- COMM 330 - Organizational Communication (4 credits)
- COMM 335 - Leadership Skills and Perspectives
- COMM 352 - Media Production II (4 credits)
- COMM 356 - Critical Approaches to News Reporting & Public Relations (4 credits)
- COMM 357 - Social Documentary (4 credits)
- COMM 360 - The Art and Science of Persuasion (4 credits)
- COMM 371 - Communicating Across Differences: Intercultural & Gender Communication (4 credits)
- COMM 390 - Independent Study (1-4 credits)
- COMM 395 - Topics in Communication (e.g., Political Communication, Family Communication, Film Criticism) (4 credits)
- COMM 399 - Communication Internship (1-4 credits)**

**Does not fulfill 300-level major requirement with the exception of approved semester-long, off-campus internship programs — 4 credits maximum.

400 level: 4 credits with COMM 451 or COMM 460 or COMM 470 required

- COMM 451 - Mass Media Theory (4 credits)
- COMM 460 - Rhetorical and Communication Theory (4 credits)
- COMM 470 - Cultural Communication Theory (4 credits)

COMMUNICATION MINOR — The communication minor consists of six regularly offered courses in communication:

- COMM 140: Public Presentations
- COMM 151: Introduction to Mass Communication
- COMM 160: Analytic Skills **or** COMM 101: The Communication Process

COMMUNICATION

Plus three additional courses at the 200, 300, or 400 level (excluding independent studies and internships), with no more than two courses at any one level for a total of at least 22 credits. Substitutions, waivers and internships are not allowed in the communication minor.

101. The Communication Process — This course focuses on communication competence. Readings and exercises explore and develop relational communication skills and media literacy. This course also addresses how filters of self, relationships, culture, gender, race, and ethnicity affect communication processes.

Four Credits Anderson, DeVries, Housel, Johnston, Spielvogel Both Semesters

140. Public Presentations — This course introduces students to the theory and practice of public speaking. Topics covered include audience analysis, methods of organizing a speech, the types and uses of supporting material, and the effective use of visual aids. Students will learn how to write and deliver effective informative, persuasive and ceremonial speeches.

Four Credits DeWitt-Brinks, Pocock Both Semesters

151. Introduction to Mass Communication — This course explores the impact of media in society. The format and function of different types of contemporary media will be introduced.

Two Credits Nathan Both Semesters

160. Analytic Skills in Communication — This course seeks to develop the analytic skills involved in effective reasoning and communication. In developing these skills, the course introduces students to various types of arguments, the tests to which each is susceptible and the characteristics of a reasonable argument: validity, evidence, and linguistic consistency. Analysis of sample arguments is stressed throughout. The course also considers the ethics of advocacy, and the qualities of a reasonable person. Prerequisite: communication major or permission of instructor.

Four Credits Herrick Both Semesters

210. Interpersonal Communication — Interpersonal communication is the study of face-to-face interaction and the creation of meaningful relationships. In this course, we will explore and develop five areas of interpersonal communication skill: interpretive competence, self competence, role competence, goal competence, and message competence. Topics include family systems, self identity, intimate relationships, gender issues, power, language, and non-verbal communication.

Four Credits DeVries, Johnston Fall Semester

220. Task Group Leadership — This course focuses on understanding and developing communication competence in small groups. This involves learning how to function effectively as part of a team, as well as exercising appropriate leadership. Topics include group development, competitive vs. cooperative climates, decision-making and problem-solving, power resources, and conflict management.

Four Credits Anderson Fall Semester

231. Communication and Conflict — This course addresses the theory and practice of conflict resolution from a communication perspective. Students examine, in the first half of the course, symbolic patterns of destructive conflict behavior, including the role and function of words and images in constructing enemies and dehumanizing others. Role-play, discussion, computer simulation, and lecture are utilized in the second half of the course to introduce students to the theory, practice and vocation of mediation, a facilitative non-adversarial conflict resolution process. Students learn how to use communication to maintain mediator neutrality, frame issues, generate problem-solving options, and write agreements.

Four Credits Spielvogel Spring Semester

COMMUNICATION

251. Media Production I, Copywriting — This course offers an entry-level learning experience introducing students to digital media production from theoretical, aesthetic, and practical perspectives. The course aims to familiarize students with the basic tools and processes of digital media production so that they can communicate their ideas creatively and effectively using various forms of media. The course is divided into seminar and workshop components. In the seminars, students will discover different theoretical approaches to media representation that inform the practice of digital media production. In the workshops, students will gain the technical skills and knowledge required for digital media production, including the use of camera, sound, voice recording, lighting, editing, graphics, and transitions. All students will undertake a series of exercises which demonstrate their understanding, skills, and creativity, and they will present and discuss their own productions.

Four Credits Park Both Semesters

255. Reporting, Writing, and Editing for Print Media — This course teaches students the basics of writing for the print media (primarily newspapers). It will also develop their ability to gather, analyze and synthesize information for news reports. The course will also focus on interviewing techniques, legal and ethical issues in print media, and the operations of a newsroom.

Four Credits Housel Fall Semester

257. Communication for Public Relations — This course provides an introduction to basic communication practices among a variety of organizations in both the public and private sectors. In addition to the study of public relations theories, students will simulate public relations and management situations using practical experiences and case studies.

Two Credits Pocock Spring Semester

260. Rhetoric and Public Culture — This course explores the rhetorical strategies, argumentative approaches, and definitional techniques embedded in the texts of popular culture. Contrasting current theories of rhetorical analysis and cultural studies with those of the classical period, the course aims to familiarize students with the rhetorical elements in the symbolic world we inhabit, and to sharpen their critical skills as consumers of persuasive messages. The course will also introduce students to some of the basic qualitative research approaches commonly employed in the field of communication studies, including Burkean analysis, culture-centered criticism, and narrative criticism.

Four Credits Herrick, Spielvogel Both Semesters

280. Research Methods — This course is an introduction to the social science research process used to study human communication. It provides students with the skills to read, understand, and perform basic communication research. Such skills include conducting a review of literature, designing both quantitative and qualitative methods, calculating and interpreting results, and addressing the implications and ethical considerations of research.

Four Credits DeVries, Johnston Both Semesters

290. Independent Media Project (does not fulfill major requirement) — This course provides an opportunity for communication majors to develop media skills by producing a media project under the supervision of a faculty member. Credit for this course is elective and may not be applied to fulfill the requirements of the major. Students are expected to maintain approximately 4 hours of project work per week for each credit granted. Prerequisites: Communication 255 and 356 or Communication 251 and 352, junior standing, submission of departmental Independent Media Project Application, approval of instructor, and final approval of media project proposal by department.

One or Two Credits Both Semesters

330. Organizational Communication — This course introduces students to the basic concepts of how communication processes work in organizations. The first section of the course focuses on theories of organizations, including classical theory,

COMMUNICATION

humanistic theories, systems theory, cultural theories, and critical theories. The second section focuses on the challenges and misunderstandings that face organizations, such as recruitment and socialization of members, conflict management, and superior-subordinate communication.

Four Credits Anderson Spring Semester

335. Leadership Skills and Perspectives — This course examines the complex and rich process of leadership in two main ways: 1) by studying the main theories of leadership, including traits, skills, styles, situational and transformational leadership, as well as leadership ethics; and 2) by teaching the essential competencies leaders need to be effective, through personal assessment and group projects. This course helps students develop leadership skills, practice critical thinking, engage the local community and integrate their faith with their understanding of leadership. Junior standing or permission of the instructor required.

Four Credits Anderson Fall Semester

352. Media Production II, Media Literacy — This course introduces students to the field of media literacy and examines critical issues in media education that include, but are not limited to, sex and violence in the media, media ownership concentration, media stereotyping, and the impact of advertising on adolescent attitudes and behavior. The course helps students to become familiar with issues in media literacy and equips them with advanced video techniques for broadcast-quality production. Students should expect to spend at least three hours per week of self-directed production/practice/research time in addition to the designated class meetings. For the final project, each student will produce a digital video project with a Web presentation that can be distributed widely for media education in high schools and universities. Prerequisite: Media Production I or permission of instructor.

Four Credits Park Spring Semester

356. Critical Approaches to News Reporting and Public Relations — This course will introduce students to advanced techniques for communicating through print media. Students will learn to write news feature and public relations articles, edit and rewrite copy, generate story ideas, develop sources, and use technology for effective information-gathering. Prerequisite: Communication 255.

Four Credits Housel Spring Semester

357. Media Production, Social Documentary — This course introduces students to documentary film and video from both theoretical and practical perspectives. By combining theoretical/analytical work with a series of production exercises, the course encourages students to develop a critical understanding of creative, theoretical, and practical dimensions involved in documentary representations. In the first part of the semester, students will learn different approaches to the documentary, including ethnographic documentary, activist documentary, and the politics of representation. Discussion will focus on such issues as insider accounts, processes of othering, reflexivity, realism, the ethics of consent, the politics of editing, and the role of the intended and non-intended audiences in documentary production. The course will cover simultaneously the technical and practical aspects of documentary production that enable students to produce their own projects. During the final part of the semester, each student will produce a broadcast-quality documentary video. Prerequisites: Media Production I and II or permission of instructor.

Four Credits Park Fall Semester

360. The Art and Science of Persuasion — This course provides a comprehensive view of persuasion by analyzing how persuasion operates at both an interpersonal and a social level. The analysis of persuasive contexts includes discussions of popular culture, news media, advertising, cults, social movements, politics, law, families and interpersonal relationships. The study of persuasion will be applied to personal

COMMUNICATION

communication skills such as: the production of ethical persuasive messages, and critical media literacy skills. *Four Credits Johnston Spring Semester, Odd Years*

371. Communicating Across Differences: Intercultural and Gender Communication — This course addresses the social construction of inequality, specifically focusing on how communication processes are the means by which gender, race, class, nationality, culture and ethnicity are created, and are also the means by which individuals can resist personal participation in perpetuating systems of inequality. Through encountering multicultural experiences, interviewing people in different social positions, and engaging in exercises and simulations, we will learn to broaden our self-identities and our understanding of others by learning about the experiences, feelings, and views of people in social situations different from our own. **Note:** This course is cross-listed with Women's Studies. *Four Credits Johnston Fall Semester*

390. Independent Study — An independent study is a program providing advanced students in communication an opportunity to broaden their perspectives or intensify study in a communication area of unique interest. Prerequisites: junior standing, submission of departmental Independent Study Application, approval of instructor, and final approval of research proposal by department. *One to Four Credits Both Semesters*

395. Topics in Communication — A seminar in a special topic of the discipline offered for majors in the department and other interested/qualified students. The course will focus on a particular aspect of the discipline and reflect theory, research and application to the extent expected for the course level and credits assigned. Topics occasionally offered include Family Communication, Film Criticism, Black Images in Film, Political Communication, and Advanced Research.. *Two to Four Credits Occasionally*

399. Communication Internship — Students secure an internship with an organization, agency, or communication media industry to observe, assist, and assume regular duties, or engage in special projects under the supervision of skilled professionals. Students are expected to maintain approximately 4 hours of placement per week for each credit granted. Up to 4 hours of internship credit may be applied to fulfill the communication major 300-level requirements only if the internship constitutes a "field placement" through an established semester-long internship study program. Approved field placement programs include: The Philadelphia Center, the Chicago Semester, the Arts Program in New York Semester, and the Washington Honors Semester. Prerequisites: communication major, junior standing, submission of departmental Internship Application, approval of instructor, and final approval of internship placement by department. *One to Four Credits*

Anderson, DeWitt-Brinks, Herrick, Housel, Johnston, Spielvogel Both Semesters

451. Media Theory — This seminar examines theories of mass communication and explores implications for criticism of media performance. Prerequisites: Communication 101, 151, 260 and 280. *Four Credits Park, Spielvogel Fall Semester*

460. Rhetorical and Communication Theory — This seminar begins with a survey of rhetoric in Western culture. It then considers interpretive and social science theories of communication. Themes carried throughout the course include the nature of language, the construction of meaning, and the impact of social and cultural processes on communication. Prerequisites: Communication 101, 160, 260, and 280. *Four Credits Herrick and Johnston Spring Semester*

470. Cultural Communication Theory — This seminar examines theories of how power is expressed symbolically and embedded in cultural texts. Students will develop skills in the interpretation and analysis of cultural meaning. Prerequisites: Communication 101, 160, 260 and 280. *Four Credits Housel Spring Semester*



Faculty: Mr. Jipping, Chairperson; Mr. Agarwal, Mr. Cusack, Mr. DeJongh*, Mr. Dershem, Mr. McFall.

Computer science is a dynamically growing discipline. In recognition of this fact, the Department of Computer Science is committed to providing students with a program that includes the basic fundamentals of the field and allows students the flexibility to pursue in depth many of the diverse areas into which computer science is expanding. This is accomplished by providing both instruction in the theoretical principles and experience with a diverse collection of modern hardware and software technologies. The faculty and students of the department cooperatively carry out research in the areas of web technologies, algorithm animation, bioinformatics, networking, educational technology, volunteer computer games, combinatorial algorithms, and mobile computing.

COMPUTER RESOURCES — The computing facilities at Hope College give the student an opportunity to obtain a rich variety of experiences. The Department of Computer Science supports a network of 30 workstations, which facilitate work with Microsoft Windows, Linux, and Mac OS. These systems provide a window-based user interface, high-resolution graphics, a parallel processing environment, and high-speed computation. They are located in a general student laboratory, a research laboratory, and a unique laboratory-classroom combination. This laboratory-classroom contains 20 Tablet PCs and is used for all computer science classes to incorporate hands-on laboratory experiences. In addition, the departmental facilities provide access to many other types of computing: tablet PCs, Macintosh G5 workstations, handheld computers, and mobile phones. The departmental network is also accessible from residence halls via direct network connection and throughout campus via wireless access. Many personal computers are available for use by students and faculty, and are located throughout the campus in dorms and labs.

THE COMPUTER SCIENCE MAJOR — The department offers major programs that emphasize problem solving and communication skills and allow students the flexibility to design programs suitable for their interests and goals. Each student's major program, designed by the student and a departmental advisor, includes a core of computer science courses, a strong component of courses in some field to which computer science can be applied and a senior project seminar involving research or software development under the supervision of a member of the Hope College faculty. By following an appropriate major program, students may prepare themselves for graduate study in computer science or computer science careers involving applications programming, systems programming, systems and network analysis, computer graphics, Web technology, teaching, or software engineering.

COMPUTER SCIENCE MAJOR REQUIREMENTS — The requirement for an A.B. degree in computer science is a plan of study approved by the department that includes at least 32 credits in computer science courses, not including 140. These 32 credits must include Computer Science 112 or 114, 225, 235, 241, 250, 260, and 481, and must include at least 8 credits of 300-level courses.

The requirement for the B.S. degree in computer science is a plan of study approved by the department that includes at least 38 credits in computer science courses, not including 140. These 38 credits must include Computer Science 112 or 114, 225, 235, 241, 250, 260, 470, and 481, and must include at least 12 credits of 300-level courses. Mathematics 131, 132, and one 4-credit Mathematics course for

*Sabbatical Leave, Academic Year 2008-09

COMPUTER SCIENCE

which 132 is a prerequisite are required in addition to the 38-credit computer science requirement. A total of 60 credits in the natural sciences must be completed. Mathematics and computer science courses count toward this 60-credit requirement.

COMPUTER SCIENCE MINOR — A minor in computer science consists of a minimum of 18 credits in computer science, including Computer Science 112, 225 and at least 10 credits from courses numbered higher than 225.

COMPUTER ENGINEERING — Please consult the Department of Engineering about the Computer Engineering Emphasis.

PREREQUISITE POLICY — Many courses in the department have prerequisites listed. A grade of C- or better is required in such courses for the prerequisite to be fulfilled. If a grade below C- has been received, the course requiring the prerequisite may not be taken without the written permission of the instructor and the department chairperson.

112. Exploring Computer Science — This course explores the discipline of computer science by looking at computer science at many levels, from how the computer represents information digitally to how programs are constructed to take advantage of the capabilities of the machine. Students will be introduced to a variety of topics within the field of computer science, including data representation, computer architecture, operating systems, networks, and artificial intelligence. A student may not receive credit for both CSCI 112 and CSCI 114.

Two Credits Staff Both Semesters

114. Introduction to Computer Science — This course combines an exploration of computer science with an introduction to programming methods and techniques. The student will explore the discipline by looking at computer science at many levels, including data representation, computer architecture, operating systems, networks, and artificial intelligence. Programming exercises will be done in the Java programming language in a collaborative laboratory environment. A student may not receive credit for both CSCI 112 and CSCI 114.

Four Credits Staff Both Semesters

140. Business Computing — This course introduces students to the computing skills needed in the completion of the Management and Accounting majors at Hope College and to become a successful computer user in a business career. Students learn the fundamentals of operating systems, spreadsheet processing in Microsoft Excel, data communications, statistical packages and database processing. This course may not be counted toward a computer science major.

Three Credits Staff Both Semesters

160. Scientific Computer Programming — An introduction to computers, programming, and methods of scientific problem solving and data reduction. Numerical methods tuned to scientific needs will be introduced. Features of operating systems and file management will be included. Corequisite: Mathematics 131.

Four Credits Staff Spring Semester

225. Software Design and Implementation — An introduction to the techniques and practices of software design and implementation, including top-down design, object-oriented principles, advanced programming concepts, and the use of software development tools. Students will gain substantial experience with the Java programming language. This course has a laboratory component. Prerequisite: CSCI 114 or equivalent.

Four Credits Staff Both Semesters

235. Data Structures and Software Design — An introduction to the fundamental data structures of computer science, the design methodologies of software and the basic algorithms for these. Data structures such as stacks, queues, binary trees and

COMPUTER SCIENCE

priority queues will be included. Software design and development methods such as object oriented design, design patterns and basic algorithm analysis will also be covered. Projects utilizing these data structures and design methods will be completed. Emphasis will be placed on the partnership between algorithms and data structures. Prerequisite: CSCI 225. *Four Credits Staff Spring Semester*

241. Program Development — An introduction to the techniques and strategies used in the design and implementation of computer programs. File manipulation and recursion will be emphasized. Linked structures through pointer reference will be studied. Students will develop many extensive programs in a higher-level language. Prerequisite: CSCI 225. *Two Credits Staff Fall Semester*

250. Discrete Structures — An introduction to the discrete mathematical structures that are fundamental to the field of computer science. Topics include propositional logic, sets, Boolean algebra, switching circuits, functions, relations, and combinatorics. Prerequisite: CSCI 112. *Two Credits Staff Fall Semester*

260. Computer Organization — An introduction to the organization of computers at the register level. Digital logic including gates, circuits, memory organization, and microprocessors. Conventional machine architecture and assembly language programming. Prerequisite: CSCI 250. *Two Credits Staff Spring Semester*

295. Studies in Computer Science — A course offered in response to student interest and need. Deals with topics in computer science that are not included in regular courses. *One, Two, Three, or Four Credits Staff*

321. Applications Programming — A course in state-of-the-practice programming applications. This will include a study of logical structures, graphical user interfaces, forms, menus, files, and event processing. It will also include a study of object-oriented programming, classes, objects, database access, SQL, scripting languages, and class modules. Prerequisite: CSCI 112 or 114 and 235. Offered odd years. *Four Credits Staff Fall Semester*

335. Introduction to Computer Architecture — This course introduces the basics of the design and implementation of computer architecture. Topics include machine modeling, design issues, the design of processors, buses, and memory. Prerequisite: CSCI 112 or 260. Offered even years. *Four Credits Jipping Spring Semester*

342. Computer Graphics — An introduction to the concepts, techniques, algorithms, and data structures used in computer graphics and image processing. Topics include transformations, clipping, windowing, perspective, hidden lines and surfaces, color, shading, ray tracing, edge detection, and compression. Prerequisite: CSCI 112 or 114 and 241. Offered odd years. *Four Credits McFall Spring Semester*

354. Operating Systems — This course provides an overview of operating systems, including operating system functions and support functions for operating systems. Students will gain hands-on experience with the Unix operating system. Prerequisite: CSCI 112 or 114, 241 and 260. Offered odd years. *Four Credits Staff Fall Semester*

361. Programming Language Paradigms — This course offers an in-depth study of programming language paradigms, including concepts of imperative, object-oriented, functional, and logic-oriented languages. These concepts include control structures, data aggregates, and procedural abstraction. Scripting languages will be examined as examples of these principles. Students will program in languages that belong to these paradigms. Prerequisites: CSCI 112 or 114, 235, 241 and 260. Offered even years. *Four Credits Staff Fall Semester*

376. Computer Networking — This course provides a study of computer networking architecture and protocols, using the TCP/IP protocol suite as our primary

COMPUTER SCIENCE

example. We will study application-level protocols such as electronic mail, remote login, and file transfer. We will learn about network management and interconnecting heterogeneous networks. We will study different types of transmission media and media access protocols. Students will gain experience writing client-server applications and network analysis programs. Prerequisites: CSCI 112 or 114, 241 and 250. Offered odd years. *Four Credits Jipping Spring Semester*

385. Advanced Data Structures and Algorithms — Study of classical algorithms of computer science, techniques for algorithm design, and analysis of algorithms. Topics include search tree construction, tree balancing techniques, algorithms from graph theory and computational geometry, string matching algorithms, skip lists and hash tables, and techniques for parallel algorithms. Prerequisites: CSCI 112 or 114, 235, 241 and 250. Offered even years. *Four Credits Staff Spring Semester*

392. Database Systems — This course examines database architecture by examining application design and looking at external, conceptual, and internal levels of databases. We also study the use of database software tools. Topics include the development of queries through query languages; the design of forms and reports; the design and layout of a database; the design and implementation of front-ends; the relational model; protection issues including recovery, concurrency, security, and integrity; distributed database concepts; optimization strategies; storage structures and access methods; and object-oriented databases. Prerequisite: CSCI 112 or 114, and 235. Offered even years. *Four Credits McFall Spring Semester*

470. Languages and Machines — This course examines the theoretical foundations of computer science. It studies the relationship between finite-state machines and various language models. Computability theory is also studied. Prerequisite: CSCI 112 or 114 and 250. *Two Credits Staff Spring Semester*

481. Senior Project Seminar — Each student will complete a major software or research project, either individually or as a part of a team. Ethical aspects of computer science will be discussed. This course is required of all computer science majors. Prerequisites: CSCI 112 or 114 and 235 and senior standing. *Two Credits Staff Fall Semester*

490. Independent Study and Research in Computer Science — Independent study or research project carried out in some area of advanced computer science or in the application of the computer to another discipline. This project will be carried out under the supervision of one or more designated staff members. Prerequisite: permission of the chairperson of the department. *One, Two, Three, or Four Credits Staff*

491. Internship in Computer Science — This program offers the student an opportunity to work on a project or an experience approved by the department as being of significance in computer science. This is usually done off campus and the student will have a qualified supervisor at the site of this experience in addition to a faculty advisor. This course is normally open only to senior computer science majors. Prerequisite: permission of the chairperson of the department or the director of internships. *One, Two, Three, or Four Credits Staff*

495. Advanced Studies in Computer Science — A course designated for junior and senior computer science majors which covers an advanced topic in computer science. Recent offerings have been compiler construction, web technologies, Java technologies, human-computer interface and artificial intelligence. This course is offered at least once each year and may be repeated for additional credit with a different topic. Prerequisite: permission of the chairperson of the department. *One, Two, Three, or Four Credits Staff*

DANCE



Faculty: Ms. Graham, Chairperson; Ms. DeBruyn, Mr. Iannacone, Ms. Flinn.
Assisting Faculty: Mr. Alberg, Mrs. Alberg, Mr. Aschbrenner, Ms. Barton-DeVries, Ms. Bombe, Ms. Booker, Ms. Smith-Heynen, Ms. Wolfe and Guest Faculty.

The Department of Dance is accredited by the National Association of Schools of Dance.

The dance department provides opportunities for the student to develop artistically, intellectually, physically, and spiritually. This is accomplished through the art of dance, and in adherence to the college's religious and liberal arts philosophies. Hope's diverse resident and guest faculty, five studios and performance facilities, performance and teaching opportunities and curriculum, divided among modern, contemporary, ballet, jazz, and tap technique and dance theory, contribute to the department's goal of developing well-rounded dancers who are prepared for careers in dance performance, production, education, therapy, medicine, and engineering.

Graduates of the program are currently:

- Dance teachers at colleges and universities
- Dance teachers in public schools K-12 with Michigan State Certification
- Dance teachers in private school programs or studios
- Professional dancers in major metropolitan centers, nationally and internationally
- Students in professional company schools in major metropolitan dance centers
- Managers, founders and artistic directors of dance companies
- Directors of dance for recreational and fitness centers
- Dance therapists
- Dance historians
- Arts media technology
- Pursuing graduate studies
- Arts administrators

Freshmen considering a dance major should meet with the department chair or a dance faculty member early in the academic year in order to plan their curriculum. All freshmen considering a dance major are encouraged to complete as many of the general education requirements as possible during their freshman year.

Please note that all technique courses may be repeated for credit. **Students participating in a club or company must simultaneously participate in at least one technique course.**

GENERAL EDUCATION COURSES: The following general education courses are recommended for all dance students:

- IDS 101 for fulfillment of Arts I requirement
- Students taking technique classes for Arts II requirement must take two one-credit classes. They do not have to be in the same dance form.

DANCE MAJORS:

Dance Performance/Choreography is a 57.5-credit major in dance. This major requires specialized instruction in dance forms that range from modern/contemporary dance, jazz, tap, and ballet, to sacred dance. The concentration prepares student for professional careers in dance or graduate school.

Required Theory (37.5 credits): Eurhythmics (201), Stage Makeup (215), Anatomical Kinesiology (221), Lighting Design (223), Costume Design (224), Improvisation I (300), Dance Repertory (301), Composition I (305), Creative Dance for Children (310), Dance History Survey (316), 20th Century Dance History and Criticism (320), Accompaniment for Dance (330), Dance Therapy (360), Laban Movement Analysis (370), Skills & Prep for Dance Careers (460), Composition II (480).

DANCE

Performance Technique (20 credits): Students must take 5 credits in modern, 4 in jazz, 2 in tap, 5 in ballet and Historical Social Dance. Movement Fundamentals is highly recommended. More credits must be completed to achieve the 20-credit graduation minimum.

Dance Education Certification (K-12) is 32.5-credit major in dance, plus education requirements for meeting the requirements for teacher certification from the Michigan Department of Education. Dance education/certification prepares students to teach dance and explore creative thinking skills with students in kindergarten through 12th grade. Students are certified through the Michigan Department of Education. Students majoring in dance education must contact the Department of Education and Department of Dance for advising.

Required Theory (20.5 credits): Eurhythmics (201), Anatomical Kinesiology (221), Improvisation I (300), Dance Repertory (301), Composition I (305), Dance History Survey (316), 20th Century Dance History and Criticism (320), Accompaniment for Dance (330), *plus Dance Principles & Methods: Creative Dance for Children (310), Teaching of Dance (315).

Performance Technique (16 credits): Student must take a minimum of one course in each dance form, at appropriate levels, for a total of 16 credits plus Folk, Social and Swing. Movement Fundamentals is highly recommended.

DUAL MAJORS:

Dance Psychology (dance therapy) is a preparatory program for graduate school and a career. It consists of a dual major of 43.5 credits in dance and 30 credits in psychology. Provisions are made through the registrar and the Department of Dance chairperson. Dance movement therapist's work in a wide variety of therapeutic, educational, and clinical settings, assisting individuals in their emotional, psychological, and physical development and well-being.

Dance Biology/Chemistry (dance medicine) consists of a 43.5-credit dance major and fulfillment of the pre-medicine requirements. A dual major in dance and biology or chemistry as an undergraduate prepares students for graduate or medical school and a career in dance medicine. Students specialize in orthopedic or neurological medicine or physical therapy.

Dance Engineering/Physics (dance science) is a dual major of 36 credits in engineering and 43.5 credits in dance. A dual major in dance and engineering/physics prepares students for graduate school and a career in dance science. In graduate school, students can further analyze movement through scientific analysis. They learn about the biomechanical and physiological aspects of movement, and they develop skills in injury prevention, care and rehabilitation.

Dance/English/History (dance writing) prepares students for a number of fields including dance criticism, dance history, dance anthropology or dance writing. Students can continue their education in graduate school or they can pursue a dance-related career by writing for a dance or art magazine, newspaper, or publisher.

Dance French Consists of a dual major with 43.5 credits in dance and fulfillment of French requirements. It prepares students for a number of fields including dance choreography, criticism, history, anthropology, writing and/or working for an international dance company in French-speaking countries.

Students wanting to major in one of the above areas should obtain a dance department student handbook from the department chairperson or online at www.hope.edu/academic/dance.

DANCE

Assessment by resident faculty in the fall of the junior and senior years is required for all students majoring in dance. At this time the department will assess the student's academic, creative, and technical ability in the areas of performance, choreography, and pedagogy. Students will be advised as to their potential success as dance majors; faculty will counsel dancers regarding their strengths, weaknesses, and future career opportunities. Additional information concerning the assessment is available from the department chairperson.

All students who have been accepted into the major program are required to participate in two annual dance concerts, and perform in or produce at least two choreographed pieces for the student concerts. One teaching assistantship in a Technique I class as a junior or senior and participation in one musical theatre production are recommended.

DANCE MINOR: The dance minor consists of a minimum of 22.5 credits divided between technique and theory. For course work requirements, please see the Dance Department Student Handbook or go to the Department of Dance Web site www.hope.edu/academic/dance/handbook.

Required Technique Courses: Modern I and II (120/122,125,127), Jazz I and II (140/142, 145/147), Ballet Novice, Ballet I (160/162), Folk, Social and Swing (110), and Historical Social Dance (114), Tap I (150/152).

Required Theory Courses: Eurhythmics (201), Anatomical Kinesiology (221), Improvisation I (300), Composition I (305), Teaching of Dance (315) — for teacher certification only, and Dance History Survey (316).

Recommended Theory Courses: Stage Makeup (215), Lighting Design (223), Costume Design (224), Dance Repertory (301), Creative Dance for Children (310), and Improvisation II (412). The minimum expectation is that the dance minor will participate in college dance activities for at least two semesters, including auditions for performances and a mini-teaching assignment.

ELEMENTARY DANCE CERTIFICATION MINOR (K-8) The elementary dance education minor consists of a minimum of 20.5 credits divided between technique and theory. For course work requirements, please see the Department of Education Web site www.hope.edu/academic/education/requirements.

SECONDARY DANCE CERTIFICATION MINOR (6-12) The secondary dance education minor consists of a minimum of 23.5 credits divided between technique and theory. For coursework requirements, please see the Department of Education Web site www.hope.edu/academic/education/requirements.

COURSE OFFERINGS

110. Folk, Social, and Swing Dance — An introduction to folk, social, and swing dance techniques. Special emphasis will be placed on the cultural aspects of the development of these types of dance. *One Credit Booker Both Semesters*

114. Historical Social Dance — Research, reconstruction and execution of representative social dances from historical periods to present time. No prerequisites. *Two Credits Graham Fall Semester*

120. Modern Dance I — Education in body movement through dance techniques designed to teach an understanding of rhythm and relaxation and a presentation of basic movement problems. *One Credit Flinn Both Semesters*

122. Modern Dance II — A continuation of Modern I designed for the student with at least one semester of modern. Purpose of this course is to develop additional technique and basic principles. *One Credit Guest, Petrarca Both Semesters*

DANCE

125. Modern Dance III — A continuation of beginning modern dance including improvisation to stimulate the imagination and allow for individual exploration of movement expression. Course may be repeated for credit.

One Credit Iannacone, Guest Both Semesters

127. Modern Dance IV — A continuation of Modern III, emphasis is placed on technique and repertoire. Course may be repeated for credit.

One Credit Iannacone, Guest Both Semesters

140. Jazz I — A study of jazz techniques, free style movement, floor and barre work, and combinations designed for the student with no training in any dance form. The purpose of this course is to introduce the beginning student to a wide range of movement and provide a creative means of expression for theatre dance.

One Credit Flinn, Smith-Heynen Both Semesters

142. Jazz II — A continuation of Jazz I; designed for the student with at least one semester of jazz. The purpose of this course is to develop understanding of basic principles and technique, and introduce the student to more complex dynamics, styles, and combinations.

One Credit Flinn, Guest Both Semesters

145. Jazz III — A continuation of Jazz II; designed to prepare the student for dance composition and improvisation, with emphasis on improvement of technique, style, and performance.

One Credit Guest, Petrarca Both Semesters

147. Jazz IV — A continuation of Jazz III; intermediate-advanced level; designed to further develop the student for dance composition and improvisation. Emphasis is placed on technique and the importance of rhythms, dynamics, special awareness and projection as means of creating variety in dance.

One Credit Guest, Petrarca Both Semesters

150. Tap I — A traditional, basic study of the elements of tap dance designed for the beginning or novice dancer. Emphasis is placed on developing the music of the feet through a technically focused, rhythm centered, body aware study. Students will develop a basic mastery of its elements and explore the defining concepts of this dance form.

One Credit Barton-DeVries Both Semesters

152. Tap II — A continuation of Tap I designed for the experienced tap dancer. It builds upon the technical fundamentals of tap dance through a systematic, rhythmically complex study. Students will develop an expanded mastery of its elements and application of its concepts. Students will explore and learn to apply the rudiments of shading.

One Credit Barton-DeVries Both Semesters

155. Tap III — This course is designed for the advanced tap dancer. It requires solid technical fundamentals, introduces advanced steps, and emphasizes the stylistic presentation of rhythmically complex phrases. Students begin exploring improvisation to create dynamic phrases based upon their mastery of the elements and concepts of tap.

One Credit Barton-DeVries Both Semesters

157. Tap IV — A continuation of Tap III, this course requires solid technical fundamentals and a functional advanced step vocabulary. It emphasizes improvisation in addition to the stylistic presentation of rhythmically complex phrases. Students explore compositional principles and create dynamic phrases based upon their mastery of the elements and concepts of tap.

One Credit Barton-DeVries Spring Semester

160. Ballet Novice — This course is an introduction to and appreciation of ballet vocabulary and its principles of movement. In this course the student will be introduced to and physically experience fundamentals of human movement as they apply to ballet technique. Ballet terminology and history will also be introduced.

One Credit Flinn Both Semesters

DANCE

162. Ballet I — This course is designed for the student with at least one semester of ballet. The purpose of this course is to continue the development of an understanding of ballet technique and principles. The student will be expected to develop an understanding of ballet technique and theory, focusing on correct placement and fundamental technique. The student is expected to analyze, understand, and execute ballet movement. Correct use of terminology, movement concepts, and ballet history are integrated into course studies. *One Credit Graham Both Semesters*

163. Ballet II — A continuation of Ballet I, this course is designed for the serious dance student with a minimum of two semesters of ballet. The course develops a deeper kinesthetic understanding of ballet fundamentals and sharpens physical presentation of technique. For selected students only, beginning pointe work may be introduced in this course. *One Credit Graham, Smith-Heynen Both Semesters*

165. Ballet III — This course is designed to continue the process of enlarging and strengthening some areas of ballet technique beyond the novice levels. Emphasis is placed on accurate and consistent execution of technical skills, efficient use of energy, and expressive performance in the context of a contemporary application of the balletic forms. Large, sweeping spatial patterns and travels, complex adagios, unusual phrasings, and other performance challenges will be introduced. Theory will be discussed to include and integrate prior experience and training with historical perspective and the instructor's current approach. *One Credit Iannacone Both Semesters*

167. Ballet, Pointe — This course is designed to further develop ballet performance skills. Pointe work is introduced; a basic understanding of the physics behind pointe will be integrated into course studies, with emphasis placed on a demonstrated understanding of pointe principles. Honing fundamentals of technique through a physical understanding of rhythm, dynamics, spatial awareness, ensemble, and projection will be explored as a means to create variety in ballet performance. *One Credit Smith-Heynen Both Semesters*

170. Movement Fundamentals — In this class students will analyze and discuss the basic principles of movement with specific attention paid to the proper use of alignment, turnout, core stability, strengthening, stretching, the role of plie, and other structural movement parameters. Students will be given the opportunity to practice these principles while executing analyzed fundamental exercises that target specific muscle groups. This class requires a basic physical and verbal vocabulary used in a ballet class. *One Credit Smith-Heynen Both Semesters*

201. Eurhythmics — A course designed to teach musical rhythm through body movement. Linear and contrapuntal rhythms as well as small forms are studied in physical movement through space in order to develop aural awareness, physical and mental alertness, rhythmic coordination, fluidity and expressivity. Same as Music 201. *One-Half Credit Aschbrenner Fall Semester*

215. Stage Makeup — Study of the principles of makeup for the stage. Training in skills and techniques needed for understanding the application of straight, character, and fantasy makeup. Emphasis will be on facial anatomy, physiognomy, corrective makeup, skin textures, materials, modeling, analysis, special structures. Same as Theatre 215. *Two Credits Bombe Spring Semester, Even Years*

221. Anatomical Kinesiology — The muscle-skeletal system and its action, with special reference to the fields of dance and physical education, are studied in detail. *Three Credits Staff Fall Semester*

DANCE

223. Lighting Design — A study of the tools, technology, and artistic considerations of theatrical lighting. Course deals with the aesthetic problems of lighting design as the artistic effort of an individual working within a producing group.

Three Credits Alberg Fall Semester, Even Years

224. Costume Design — An introduction to the role of the costume designer in the theatre. Emphasis will be placed on developing each student's imagination, creativity, and technique in designing costumes for the theatre. Course work will include consideration of the designer's responsibilities as a visual artist, based on analysis of the script and production concept, development of techniques for analysis, historical research, and rendering. Prerequisites: Theatre 210 and 211, or permission of instructor.

Three Credits Bombe Fall Semester, Odd Years

295. Studies in Dance — Technique and/or theory.

300. Improvisation I — This course is concerned with the development of the ability to create spontaneously through words, sketches, and sounds. The goal for the student will be the use of improvisation as a tool for developing sensitivity and a means of discovering the body's natural movement style, as a prelude to Dance Composition. This course may be repeated for additional credit. Prerequisite: experience in at least two dance forms.

One Credit Petrarca Spring Semester

301. Dance Repertory — Emphasis is on learning new techniques from guest artists through combined movement phrases and by learning dances and/or sections of dances. Prerequisite: permission of chairperson.

Two Credits Iannacone, Guest Spring Semester

305. Composition I — An introductory course in the choreographic structure of dance, including problems in space, motion, design, dynamics, and theme. Prerequisite: Dance Improvisation (300) or see department chairperson.

Two Credits Iannacone, Guest Spring Semester

310. Creative Dance For Children — An introduction to creative dance for children. Teaching methods will focus on grades K-6. Prerequisite: two credits in dance technique; none for students in teacher education.

Two Credits Flinn Fall Semester

312. Dance Technique V — Advanced technique in the areas of modern and jazz dance including an introduction to repertory. Prerequisites: Modern II and Jazz II.

Two Credits Guest, Petrarca Spring Semester

315. Teaching Of Dance — Methods, principles and techniques in the teaching of dance, climaxed by a mini-assignment in the public schools, K-12. Open to majors and minors only.

Two Credits DeBruyn Spring Semester, Odd Years

316. Dance History Survey — A survey of the development of humankind through dance from primitive times to the twentieth century, with a special focus on how cultures have influenced the dance throughout history.

Three Credits Graham Fall Semester

320. 20th Century Dance History and Criticism — Perspectives on dance in the 20th century including its relation to society, the other arts, criticism and its future directions. Focus will be on ballet, modern, post-modern and social dance trends. Prerequisite: Dance History Survey or permission of the instructor.

Three Credits DeBruyn Fall Semester

DANCE

330. Accompaniment For Dance — An introduction to musical accompaniment for dance including music theory, sound production techniques and experience in accompanying dance classes. Prerequisite: Eurhythmics I.

Two Credits Graham, Wolfe Spring Semester, Odd Years

350. Sacred Dance — An introduction to dance as a means of Christian expression. Historical and scriptural backgrounds will be studied as well as contemporary dance in the church. Prerequisite: permission of instructor.

One Credit DeBruyn

360. Dance Therapy — An introductory course in dance therapy exploring methods, concepts and techniques used by therapists today.

Three Credits Guest Instructor Fall Semester, Odd Years

370. Laban Movement Analysis — The basic language of effort/shape will be presented as the means to record and interpret movement quality. Students will explore and gain an understanding of concepts through observation and participation, thereby expanding their intellectual and kinetic understanding of movement. Prerequisite: majors and minors by permission.

Two Credits Guest Instructor Spring Semester, Even Years

372. Labanotation — The elementary principles of dance notation will be taught through their immediate application to dance repertory. Fundamentals of the system will be covered: stepping, arm and leg gestures, jumping, turning, circling, floor plans, and repeat signs. Prerequisites: Laban Movement Analysis; majors only and minors with permission.

Two Credits Guest Instructor May Term, Even Years

410. Dance Technique VI — An advanced course in technique. Prerequisite: majors only.

Three Credits Iannacone, Guest Spring Semester

412. Improvisation II — An introduction to partnering techniques including lifts, turns, and sustained adagio work. Prerequisite: by permission of instructor only.

One Credit Iannacone Fall Semester

460. Skills and Preparation for Dance Careers — An orientation for those planning a career in dance. Legal, financial, educational, and performance aspects will be covered with a focus on preparing and guiding the individual student to the area in which he/she will be most successful. Prerequisite: seniors and juniors by permission of instructor. Majors only.

Two Credits Graham Spring Semester, Even Years

480. Composition II — An advanced composition class in which students explore all areas of concert production. Each student will choreograph and produce a piece as a final project. Prerequisite: Dance Composition.

Three Credits Iannacone Fall Semester

490. Independent Study — Advanced research in dance history and other studies.

One to Three Credits Graham Both Semesters

495. Advanced Studies In Dance and/or Composition — Further study for the advanced student in choreography or a particular area of need or interest. Prerequisite: Dance Composition. Dance majors only.

One to Three Credits Graham Both Semesters

ECONOMICS, MANAGEMENT, AND ACCOUNTING



Faculty: Mr. Smith, Chairperson; Mr. Claar, Mr. Eames, Mr. Hawtrey, Ms. Hendrix, Mr. Jackson, Ms. Klay, Ms. LaBarge, Mr. Lunn, Mr. Martin, Mr. Porter, Mr. Steen*, Ms. Ten Haken, Mr. VanderVeen.

The Department of Economics, Management, and Accounting seeks to prepare students with the professional skills and academic breadth necessary for leadership and service in the dynamic world of business, economics, and accounting. Both theoretical and applied concepts of economics, accounting, and management are stressed. Economic theory and quantitative skills serve as the cornerstone for advanced work in economics and management. Knowledge of mathematics, strong oral and written communication skills, and basic computer literacy are required, but we also expect our students to appreciate and draw from their knowledge of history, psychology, sociology, philosophy, ethics, politics, the natural sciences, other cultures and languages, and the arts. The demands made upon professional managers, accountants and economists require that they be competent in the use of the analytical tools of their trades and well-informed about the complex socio-economic environment in which they work.

Students majoring in the department actively participate in off-campus programs at The Philadelphia Center and in Chicago, Washington, D.C. and London; internships with local business firms; and independent research projects. They meet frequently with distinguished business executives and economists.

A great deal of emphasis is placed on applying theory to practice. For example, students in recent years have:

1. held management internships with a variety of firms.
2. held accounting internships in banking, manufacturing and public accounting
3. produced market research and benefit/cost studies.
4. prepared employee personnel handbooks.
5. participated in a business consulting program with local Chamber of Commerce.
6. prepared econometric forecasts for local businesses.

Computer applications and simulations, role-playing, management, business, accounting and economics case studies enliven the classroom work.

Hope College is the only college in the state of Michigan, and one of 33 in the country, to have received a George F. Baker Foundation Grant. This grant provides special enrichment and growth opportunities to students who show promise of being exceptional business leaders.

The department offers two tracks for accounting majors — one for general accounting and one for public accounting. Students planning a career in public accounting have the option of completing the 150-hour public accounting track or the traditional 126-hour program, depending on the state licensing law where they intend to practice. The department offers all those accounting courses required for taking the Michigan C.P.A. examination. Students planning to sit for the C.P.A. exam should be aware that, since the year 2000, most states require candidates to have earned 150 credits prior to taking the exam. In most cases, no additional accounting classes beyond those in our major would be required. Both accounting tracks can be completed in four years with careful planning, and the cost of completing a graduate program is not necessary. Any student contemplating taking the C.P.A. exam in a state other than Michigan should consult with his/her advisor no later than the first semester of his/her junior year. Students planning a career in industrial accounting, governmental or not-for-profit accounting, or banking and finance need to complete only the traditional 126-hour program. Internships are available in all of these areas of accounting.

*Sabbatical Leave, Fall Semester 2008

ECONOMICS, MANAGEMENT, AND ACCOUNTING

Approximately 30% of the graduates in this department go on to graduate or professional schools in the fields of law, public administration, business administration, and economics. Those who choose to begin their careers upon graduation pursue employment opportunities in both the public and private sectors.

ECONOMICS MAJOR — A major in economics requires a minimum of 36 credits in economics. The following courses are required: Principles of Macroeconomics (Economics 211), Principles of Microeconomics (Economics 212), Intermediate Macroeconomics (Economics 311), Intermediate Microeconomics (Economics 312), History of Economic Thought (Economics 401), Econometrics (Economics 306), Senior Research Project (Economics 480), and two additional courses in economics. It is also required that students take one semester of Calculus (Mathematics 131), and Introductory Statistics (Mathematics 210) OR Statistical Methods (Mathematics 311) and Applied Statistical Models (Mathematics 312). Students considering graduate work are strongly encouraged to take additional courses in mathematics. Courses in accounting and computer science are strongly recommended.

MANAGEMENT MAJOR — The management major is foundational, integrated, relevant, personal, and challenging. It consists of 47-48 credits; see the following required courses, hours, and prerequisites.

Courses	Hours	Prerequisites
• Financial Accounting (ACCT 221)	3	
• Managerial Accounting (ACCT 222)	3	
• Principles of Macroeconomics (ECON 211)	4	
• Principles of Microeconomics (ECON 212)	4	ECON 211 (C- or better)
• Integrated Management Decisions (MGMT 150)	2	
• Management Perspectives & Theory (MGMT 222)	4	MGMT 150 (C- or better) ECON 212 (or concurrent)
• Marketing Management (MGMT 331)	4	ACCT 221, 222, MGMT 222, ECON 212, and MATH (210, or 311 and 312)
• Operations Management (MGMT 361)	4	ACCT 221, 222, MGMT 222, ECON 212, and MATH (210, or 311 and 312)
• Financial Management (MGMT 371)	4	ACCT 221, 222, MGMT 222, ECON 212, and MATH (210, or 311 and 312)
• Internships & Seminars in Vocation (MGMT 391) OR Management Seminar (MGMT 401)	4	Management major with senior status or having completed all other requirements
• Approved elective – departmental OR nondepartmental (DND elective) OR approved internship OR semester abroad	3-4	Course specific
• Economics elective	4	ECON 211 and 212
• Introductory Statistics MATH 210 – 4 credits) OR Statistical Methods (MATH 311 – 2 credits) AND Applied Statistical Models (MATH 312 – 2 credits)	4	

47-48 TOTAL CREDITS

ECONOMICS, MANAGEMENT, AND ACCOUNTING

Courses in workplace writing and business computing are recommended. Courses in communication and additional coursework in the liberal arts are also recommended. Students are encouraged to take advantage of internship and other course experiences at The Philadelphia Center and in Chicago, and study abroad programs around the world.

NOTE: Students who are seniors during the 2008-09 academic year may complete the management major as listed or use the transitional requirements for the management major.

MANAGEMENT/ECONOMICS DOUBLE MAJOR — a double major in management and economics consists of 68 credits in the department.

The major consists of the following courses: Principles of Macroeconomics (Economics 211), Principles of Microeconomics (Economics 212), Econometrics (Economics 306), Intermediate Macroeconomics (Economics 311), Intermediate Microeconomics (Economics 312), History of Economic Thought (Economics 401), and one additional course in economics; Financial Accounting (Accounting 221) and Managerial Accounting (Accounting 222); Integrated Management Decisions (Management 150), Management Perspectives and Theory (Management 222), Marketing Management (Management 331), Operations Management (Management 361), and Financial Management (Management 371).

The following two departmental seminars are also required: Senior Research Project (Economics 480); and Internships and Seminars in Vocation (Management 391) OR Management Seminar (Management 401).

Additionally, Statistics (Mathematics 210, or 311 AND 312) AND Calculus I (Mathematics 131) are required.

NOTE: See note on Management Major.

ACCOUNTING MAJOR — Students who wish to major in the area of professional accounting should contact a member of the accounting staff early in their careers, since this program requires a special sequence of courses. A major in accounting consists of 57 credits in the department, including eight credits of economics (Economics 211 and 212), Business Law I (Management 341), Principles of Management (Management 221), Marketing Management (Management 331), Financial Management (Management 371), and the following 24 credits of accounting courses: Financial Accounting and Lab (Accounting 221), Managerial Accounting and Lab (Accounting 222), Intermediate Accounting I and II (Accounting 321 and 322), Accounting Information Systems (Accounting 333), and Cost Accounting (Accounting 375). Out of the following accounting courses, ten credits of 400-level electives are required for the 126-hour track: Auditing (Accounting 423), Individual Taxation (Accounting 425), Corporate Tax and Research (Accounting 426), Advanced Accounting (Accounting 427), Government and Not-for-Profit Accounting (Accounting 428) and Ethics in Accounting (Accounting 430). All of these courses may be taken by students wishing to complete the 150-hour track, but they are not all required. However, 69 credit hours of management, economics, accounting, statistics, and communication classes are required by the State of Michigan. In addition, Introductory Statistics or Statistics for Scientists, the communication skills courses Communication 140 and English 214, and Business Computing (CSCI 140) are required.

ACCOUNTING MINOR — The minor requirements for accounting consist of 24 credits of course work. Courses required are: Financial Accounting and Laboratory (Accounting 221), Managerial Accounting and Laboratory (Accounting 222), Accounting Information Systems (Accounting 333), and two courses from the following four:

ECONOMICS, MANAGEMENT, AND ACCOUNTING

Intermediate Accounting I and II (Accounting 321 and 322), Cost Accounting (Accounting 375), and Individual Taxation (Accounting 425). Introductory Statistics (Mathematics 210), or Statistical Methods (Mathematics 311) AND Applied Statistical Models (Mathematics 312) are also required. Minimum GPA 2.0.

MANAGEMENT MINOR — The minor requirements for management consist of 26 credits of course work. Courses required are: Principles of Macroeconomics (Economics 211), Principles of Microeconomics (Economics 212), Financial Accounting (Accounting 221), Managerial Accounting (Accounting 222), Principles of Management (Management 221), and Financial Management (Management 371). Also required is Introductory Statistics (Mathematics 210), or Statistical Methods (Mathematics 311) AND Applied Statistical Models (Mathematics 312). Minimum GPA 2.0.

ECONOMICS MINOR — The minor requirements for economics consist of 22-24 credits of course work. Courses required are: Principles of Macroeconomics (Economics 211), Principles of Microeconomics (Economics 212), Intermediate Macroeconomics (Economics 311), Intermediate Microeconomics (Economics 312), and two additional courses in economics. Minimum GPA 2.0.

MANAGEMENT/FRENCH DOUBLE MAJOR — In addition to on-campus courses in management and French, students interested in a double major in management/French should consider a semester or full year in Nantes or Paris. These programs, administered by the Institute for the International Education of Students (IES), offer the following special features:

- Management and economics courses available at the local universities
- Management courses available at Negocia, Paris Business School, one of the leading business schools in France
- Selected internships available at IES Paris for students with advanced French language skills
- Housing in local homes
- Field trips connected with the IES programs

Students interested in this double major should contact a management and a French professor early to be advised on the proper sequencing of courses.

ADVISING PROCEDURES — Upon declaration of a major and approval by the chairperson, the student will be assigned an advisor from the department. Together, they will work out a tentative program for the student to complete the major.

A. Course Offerings — Economics

200. Economic Themes and Topics — Exploring “economic ways of thinking” as they apply to a theme or to issues of public concern. The course is designed to fulfill the objectives of the Social Science II General Education requirement and may not be applied toward a management, economics or accounting major.

Two Credits Claar, Klay, Steen Both Semesters

211. Principles of Macroeconomics — An introduction to economic principles and concepts, designed to fulfill the objectives of the college social science requirement and to prepare students for additional work in economics, management, and accounting. The course deals with such topics as supply and demand, markets, money, the determination of national income, employment and the price level, and international trade. The government’s role in the economy is examined throughout.

Four Credits Hawtrey, Klay, Steen Both Semesters

ECONOMICS, MANAGEMENT, AND ACCOUNTING

212. Principles of Microeconomics — An introduction to economic analysis at the microeconomic level which focuses on individual and firm decision-making in a market environment. This course deals with such topics as consumer demand, costs of production and supply, resource allocation, the role of competition in markets, labor and resource markets and the economics of the environment. Prerequisite: Economics 211 with a grade of C- or better. *Four Credits Claar, Lunn Both Semesters*

295. Studies in Economics — A lecture or seminar class on a special topic of economics for majors and non-majors in the discipline. For example, Ethics and Economics of Labor Unions has been offered under this topic number.

One, Two or Four Credits Staff Both Semesters

302. Monetary Economics — A study of the role of money, credit, and financial institutions, and the impact of these areas on the general level of output, income and employment. Prerequisites: Economics 211 and 212.

Four Credits Claar Fall Semester

304. Economic Growth and Development — A study of the factors that influence the growth and development of modern economies with particular emphasis on Third World countries. Attention will be given to theoretical models and to the interplay of social, political and cultural phenomena. Prerequisites: Economics 211 and 212.

Four Credits Klay

306. Econometrics — An introduction to the mathematical and statistical tools used in constructing and estimating economic models. Focuses on applications of multivariate regression analysis in the areas of economic forecasting and hypotheses testing. Extensive use of the computer. Prerequisites: Economics 211 and 212, and Mathematics 210 or equivalent.

Four Credits Claar Fall Semester

310. Environmental Public Policy — This course is an introductory analysis of the economic, scientific and political factors involved in environmental public policy. American environmental management will be viewed in terms of the interplay among economic efficiency, scientific feasibility and the demands of the political process. Topics covered will include federal lands, intergovernmental relations, agency law, comparative institutions, U.S. environmental regulations and technological compliance. This course is team taught by faculty from the Departments of Economics, Geological and Environmental Sciences, and Political Science so that students are exposed to the interdisciplinary nature of environmental public policy issues. Prerequisites: Economics 211 or Political Science 100 and the fulfillment of the college's general education science requirement.

Four Credits Holmes, Lunn, Peterson Spring Semester

311. Intermediate Macroeconomics — This course examines the important concepts and theories concerning levels of income, employment, interest rates and prices. It enables the student to understand the causes of changes in these levels, and to understand the effectiveness of government policies in affecting them. Prerequisites: Economics 211 and 212 and Mathematics 131.

Four Credits Hawtrey, Steen Spring Semester

312. Intermediate Microeconomics — Intermediate-level treatment of microeconomics concerned primarily with resource allocation decisions under various product and resource market conditions. Implications for business and public policy are emphasized. Prerequisites: Economics 211 and 212 and Mathematics 131.

Four Credits Lunn

318. International Economics — This course presents a survey of the fields of international trade and finance with attention given to fundamental theory and present policy and practice. Prerequisites: Economics 211 and 212. *Four Credits Klay, Lunn*

ECONOMICS, MANAGEMENT, AND ACCOUNTING

390. Internships in Vocation — Internships in vocation are practical training experiences with the underlying objective of helping students not only integrate theory and practice in time but also define their mission in the world. The course functions as a customized experience among the professor, the student, and the client organization. *One, Two, Three or Four Credits Steen Both Semesters*

395. Advanced Studies in Economics — A lecture or seminar in a special topic in advanced economics. For example, Law and Economics will be offered under this number. Prerequisite: approval of the chairperson.

One, Two, Three or Four Credits Staff Both Semesters

401. History of Economic Thought — An introduction to, and critical survey of, the important people and ideas in economic theory. Attention is given to the interaction of economic ideas with the times in which they arose, and the evolution of significant economic doctrines. Prerequisites: Economics 211, 212, and either 311 or 312.

Four Credits Hawtrej, Klay Spring Semester

402. Industrial Organization — A theoretical and empirical study of how the organization of markets affects the conduct and performance of firms in those markets. Topics include the determinants of market structure; the impact of market power on pricing, product differentiation, technological change, and profit; and the nature and effect of government intervention in and regulation of markets. Several specific U.S. industries will be studied. Prerequisites: Economics 211 and 212.

Four Credits Lunn Spring Semester

403. Labor Economics — Study of the institutional and economic forces which determine wages and employment in labor markets. Economic theory is used to analyze the impact of various policies on the distribution of income. Topics include the economic effects of unions, minimum wage legislation, investment in human capital, discrimination in labor markets, poverty and transfer programs, and the disincentive effects of taxation. This course also examines issues of work and vocation. Prerequisites: Economics 211 and 212. *Four Credits Steen Fall Semester*

410. Public Finance — Study of the role of government in a market economy. The theory and practice of taxation, expenditure, analysis and government regulation are examined in terms of their impact on economic efficiency and income redistribution. Topics include benefit-cost analysis, environmental pollution, tax reform, healthcare economics, income transfer programs and intergovernmental grants. Prerequisite: Economics 212 or permission of instructor. *Four Hours Claar*

480. Senior Research Project — A capstone course required of all economics majors to develop advanced skills in economic research and writing. A research paper will be prepared in conjunction with an upper-level economics course being taken at the same time. Prerequisites: Economics 306; and either 311 or 312; and senior standing. Permission of instructor of the associated upper-level economics course is required. *Four Credits Claar, Hawtrej, Lunn Spring Semester*

490. Independent Studies in Economics — Independent studies in advanced economics under the supervision of a designated staff member. Prerequisites: advanced standing in the department and approval of the chairperson.

One, Two, Three or Four Credits Staff Both Semesters

495. Advanced Studies in Economics — A lecture or seminar in a special topic in advanced economics. Prerequisites: advanced standing in the department and approval of the chairperson. *One, Two, Three or Four Credits Staff Both Semesters*

ECONOMICS, MANAGEMENT, AND ACCOUNTING

B. Course Offerings — Management

150. Integrated Management Decisions — This course will introduce students to the various components of an organization. It is intended to acquaint students with the diverse functions within an organization — finance, marketing, operations, human resources, and accounting — and how these functions relate to and complement one another. A comprehensive simulation package will be the primary method of exploring and understanding the complex relationships within modern organizations. Prerequisites: none. **Note:** Must be taken at Hope College. Enrollment limited to declared majors only. *Two Credits Jackson, Porter, Smith, Ten Haken Both Semesters*

221. Principles of Management — This course introduces students to modern management principles and processes associated with both for-profit and not-for-profit organizations. Topics include the functions of planning, organizing, leadership and control. Current problems facing businesses are reviewed. Changing patterns of management are discussed. Prerequisites: none. This course is designed for non-management majors. *Four Credits Ten Haken Both Semesters*

222. Management Perspectives and Theory — Study of modern managerial principles and processes as usually associated with business (but which principles also apply to the management of non-profit organizations such as churches, schools, etc.) through an examination of the functions of planning, organizing, leadership and controlling. Current problems facing businesses are reviewed. Changing patterns of management are discussed. Prerequisites: Economics 211 and Management 150, both with grades of C- or better. Prerequisite or Corequisite: Economics 212. Enrollment limited to management majors only.

Four Credits Jackson, Porter, Ten Haken, VanderVeen Both Semesters

295. Studies in Management — A lecture or seminar class in a special topic of management for majors and non-majors in management.

One, Two, Three or Four Credits Staff Both Semesters

331. Marketing Management — This course develops decision-making skills in the context of managing the marketing function in all types of organizations. Simulations and case studies describing actual marketing problems provide an opportunity for the student to develop an appreciation for the types of problems which exist in the real world of marketing; and to develop the skills of analysis and decision-making necessary for success in marketing and other areas of organizations. Topics include marketing opportunity analysis, market segmentation, product policy, promotion, channels of distribution, pricing policy, and the analysis of complete marketing programs. Prerequisites: Management 222, Accounting 221, 222, Economics 212, and Mathematics (210, or 311 AND 312).

Four Credits Eames, VanderVeen Both Semesters

341. Business Law — A survey of business law, stressing contracts and including an introduction to sales, agency, negotiable instruments, and partnerships and corporations. Prerequisites: Economics 211 and 212. *Three Credits Dykstra Both Semesters*

352. Human Resource Management — The analytical and applied approach to human resources management for potential human resource professionals, line management, or employees. Traditional personnel and labor relations topics are presented such as the legal environment for management of employees, job analysis, recruiting and selection of employees, performance evaluation, discipline, and labor negotiation. Prerequisite: Management 222. *Four Credits Ten Haken*

ECONOMICS, MANAGEMENT, AND ACCOUNTING

356. Managing for Environmental Sustainability — The study of practices usually associated with business, but applicable to other organizations, that create environmentally sustainable outcomes. *Four Credits Ten Haken Spring Semester*

358. Management in the British Economy — This interdisciplinary course explores the culture, politics, and economy of the British along with their values and attitudes toward business. Special attention is paid to unique forms of management and business organizations. Seminars with leaders of business, labor, and government are conducted in London and various other locations in England.

Three Credits Heisler, Smith May Term

361. Operations Management — This course examines the management of the conversion process — converting raw materials, land, labor, capital, and management inputs into desired outputs of goods and services. This will include the study of traditional approaches as well as new contributions from just-in-time practices, constraint theory, total quality management, and statistical process control. The analysis of operational decisions will include strategic, productivity, and ethical considerations. Prerequisites: Management 222, Accounting 221, 222, Economics 212, and Mathematics (210, or 311 and 312).

Four Credits Smith Both Semesters

371. Financial Management — This course examines financial decision making within the context of public corporations. The concepts of risk, rates of return, time value of money, valuation, and stewardship are utilized to analyze financial decisions involving capital budgeting and capital structure. The analysis of these decisions will include both financial and ethical considerations. Prerequisites: Management 222, Accounting 221, 222, Economics 212, and Mathematics (210, or 311 and 312). Computer Science 140 is recommended.

Four Credits Eames, VanderVeen Both Semesters

390. Internships in Vocation — The objective of this course is to help students 1) integrate theory and practice, 2) enhance their self-awareness and social-awareness competencies, and 3) seek their mission in the world. The course is a customized and highly reflective experience involving the professor, the student, and the placement supervisor. Enrollment in the class is dependent upon students finding their own internship placements by working with Hope's Office of Career Services. Students will not receive credit for this course and MGMT 391.

Four Credits Eames, VanderVeen Both Semesters

391. Internships and Seminars in Vocation — The objective this course is to help students 1) integrate theory and practice through individual work in the community and integrative group projects meant to serve as a capstone to the management major, 2) enhance their self-awareness and social-awareness competencies through seminars and reflection, and 3) seek their mission in the world. Enrollment in the class is dependent upon students finding their own internship placements by working with Hope's Office of Career Services. This course serves as a substitute for MGMT 401. Students will not receive credit for this course and MGMT 390. Restricted to seniors in the management program.

Four Credits Eames, VanderVeen Both Semesters

395. Advanced Studies in Management — A lecture or seminar in a special topic in advanced management. Prerequisite: approval of the chairperson.

One, Two, Three or Four Credits Staff Both Semesters

401. Management Seminar — This seminar in management is intended to challenge participants to evaluate several aspects of management more thoroughly than possible in a traditional classroom setting. Students will work closely with the

ECONOMICS, MANAGEMENT, AND ACCOUNTING

professor and others to read, evaluate, and discuss topics of critical importance to successful leadership in organizations. Professors may emphasize a management topic of particular interest to them and their professional study. Common components may include: study of classic management readings and materials; Christianity and leadership; vocation and calling as applied to management; personal finance; business ethics; global business; and a written analysis of case studies and other topics. A significant research paper may be required. Prerequisite: senior departmental status or having completed all other requirements in the major.

Four Credits Jackson, Porter, Ten Haken, VanderVeen Both Semesters

490. Independent Studies in Management — Independent studies in advanced management under the supervision of a designated staff member. Prerequisites: advanced standing in the department and approval of the chairperson.

One, Two, Three or Four Credits Staff Both Semesters

495. Advanced Studies in Management — A lecture or seminar in a special topic in advanced management. For example, Total Quality Management and Finance Seminar have recently been offered under this number. Prerequisite: approval of the chairperson.

One, Two, Three or Four Credits Staff Both Semesters

C. Course Offerings — Accounting

221. Financial Accounting — An introduction to the financial accounting model for business enterprises intended for potential accounting majors, business majors, and others who wish to read, understand, and analyze financial statements. Course includes lecture and discussion. **Note:** No prerequisites. Completion during freshman or sophomore year highly recommended.

Three Credits Hendrix, LaBarge, Martin Fall Semester

221. Financial Accounting Laboratory — This laboratory uses a computerized tutorial which provides reinforcement and practice to help students understand the elements of financial statements and the effect of transactions on accounts. This laboratory is required for accounting majors and recommended for other students. Corequisite: Accounting 221.

One Credit Hendrix, LaBarge, Martin Fall Semester

222. Managerial Accounting — The study of accounting information as used to assist in managerial decision making. Topics include break-even analysis, manufacturing cost control, product pricing, cost-volume-profit analysis, and other uses of accounting data internally by managers in directing and controlling organizations. Course includes lecture and discussion. **Note:** no prerequisites.

Three Credits Hendrix Spring Semester

222. Managerial Accounting Laboratory — This laboratory is designed to focus on using accounting information to make decisions, improve profitability and run a business. Students, working in groups, will gain proficiency at developing a corporate mission statement; budgeting; managing cash flows; controlling inventory; and developing marketing, manufacturing, and finance strategies. The laboratory will also emphasize ethical decision making in business. This laboratory is required for accounting majors and recommended for other students. Corequisite: Accounting 222.

One Credit Hendrix Spring Semester

295. Studies in Accounting — A lecture or seminar class in a special topic of accounting for majors and non-majors in accounting.

One, Two, Three or Four Credits Staff Both Semesters

321, 322. Intermediate Accounting — A continuation of the study of financial accounting theory and practice at the intermediate level. It examines the development of accounting standards, the presentation of income and retained earnings, the balance

ECONOMICS, MANAGEMENT, AND ACCOUNTING

sheet and the statement of cash flows, asset and liability recognition and measurement problems, and accounting for owners' equity. Prerequisites: Accounting 221 and 222. Enrollment in 322 is limited to those receiving a passing grade in 321. (321, Fall only; 322, Spring only). *Eight Credits Hendrix*

333. Accounting Information Systems — A study of the basics of contemporary information systems in both manual and computerized environments. It includes the role of information in the management of business organizations. Prerequisite: Accounting 221. *Four Credits Martin Spring Semester*

361, 362. Accounting Practicum — This course is designed to provide hands-on experience with accounting practitioners. It will provide an opportunity for students to relate the theories and concepts learned in their business and accounting classes to actual practice in an organizational setting. Students are supervised by organizational managers. Although most placements are in the west Michigan area, they can be arranged in any other locations. Students will work in public, industrial or not-for-profit accounting positions in the field, and will attend weekly seminars on campus. Other requirements include maintaining an analytical journal, writing a final summary paper and participating in discussions. Prerequisites: a minimum of eight credits in accounting and permission of instructor. Accounting 362 (Accounting Practicum II) is a continuation of Accounting 361 (Accounting Practicum I). Enrollment in 362 is limited to the successful completion of Accounting 361. *Eight Credits Hendrix Spring Semester; May, June, July Terms*

375. Cost Accounting — Continuation of the study of cost accounting theory and practice with particular attention given to cost information systems, cost control, planning of profits and costs, and cost and profit analysis. Prerequisites: Accounting 221, 222. *Four Credits Martin Fall Semester*

395. Advanced Studies in Accounting — A lecture or seminar class in a special topic in advanced accounting. Prerequisite: approval of chairperson. *One, Two, Three or Four Credits Staff Both Semesters*

423. Auditing — An introduction to basic audit planning and risk assessment, auditing techniques, audit evidence, statistical sampling in auditing, auditing through and around the computer, audit reports and opinions, ethics in auditing, and the legal and regulatory environment. Prerequisite: Accounting 427. *Four Credits Hendrix Spring Semester*

425. Individual Taxation — An introduction to federal tax accounting as it relates to income tax for individuals. Completion of Accounting 322 is recommended, but not required. *Four Credits Martin Fall Semester*

426. Corporate Tax and Research — This course continues the study of taxation from Accounting 425. It emphasizes tax concepts applied to corporations, S corporations, partnerships, limited liability companies, estates, and trusts. It includes skills recommended by the AICPA Model Tax Curriculum such as ethical considerations, team building, and research. Prerequisite: Accounting 425. *Four Credits Martin Spring Semester*

427. Advanced Accounting — Advanced studies in the theory and practice of accounting for business organization with particular emphasis on corporate combinations, partnerships, governmental accounting, and international accounting topics. Prerequisites: Accounting 221, 222, 321. Prerequisite: Accounting 322. *Four Credits LaBarge, Staff Fall Semester*

ECONOMICS, MANAGEMENT, AND ACCOUNTING

428. Governmental and Not-for-Profit Accounting — A study of the accounting theory and practice and the applicable professional standards for government and not-for-profit institutions. Prerequisite: Accounting 322.

Four Credits Staff Fall Semester

430. Ethics in Accounting — A seminar class. It will familiarize the student with the spectrum of codes of ethics in accounting and provide models for analyzing ethical issues. It includes discussions directed toward identifying and examining a student's own personal and business code of ethics. Prerequisites: Accounting 221 and 222.

Two Credits Staff May Term

490. Independent Studies in Accounting — Independent studies in advanced accounting under the supervision of a designated staff member. Prerequisites: advanced standing in the department and approval of the chairperson.

One, Two or Three Credits Staff Both Semesters

495. Advanced Studies in Accounting — A lecture or seminar class in a special topic in advanced accounting. For example, Governmental and Not-for-Profit Accounting has recently been offered under this number. Prerequisite: approval of the chairperson.

One, Two, Three or Four Credits Staff Both Semesters



Faculty: Mr. Mezeske, Chairperson; Mr. Bultman, Mrs. Cherup, Mrs. Cook, Mrs. Dell'Olio, Mr. Donk, Mrs. Finn, Ms. Hwang, Mrs. Jordan, Mrs. Kotkowicz, Mrs. Miller, Mrs. Pardo, Mr. Yelding.

The Department of Education prepares students to teach in elementary and secondary schools. To fulfill the requirements for graduation and for certification, all students planning on a professional teaching career must complete a major and a minor in an approved academic field along with the professional education course sequence. This sequence introduces the theoretical foundations of creative and responsible teaching and simultaneously provides field experiences for students to put theory into practice. Students complete at least four field placements in area schools prior to student teaching. Throughout the professional sequence, prospective teachers develop increasing competence and confidence in the professional abilities identified by education faculty. These abilities enable a graduate to act as:

- an effective communicator
- a professional collaborator
- a curriculum developer
- a problem solver
- a decision maker
- a scholarly educator

Student-led chapters of national organizations, particularly Council for Exceptional Children and Association of Supervision and Curriculum Development, offer professional development and service opportunities for teacher education students.

Graduates of Hope's education program teach in public and private K-12 schools around the country. Most graduates pursue advanced studies for continuing certification and to complete graduate degrees in special areas of education, such as reading, curriculum development, special education, counseling and administration.

Graduates of our education program are currently serving as:

- classroom teachers in rural, urban and suburban K-12 schools
- special education teachers in categorical, inclusive, or resource classrooms
- teachers overseas
- Peace Corps volunteers
- counselors in elementary and secondary schools
- curriculum coordinators and supervisors
- administrators in area school systems
- college professors

ELEMENTARY AND SECONDARY PROGRAMS — Students planning to teach in the elementary and secondary schools must be formally admitted to the Teacher Education program. Application for admission to the Teacher Education program should be made during the sophomore year or following the completion of the introductory courses and field placements. A student will be denied admission to the Teacher Education program if he or she has been convicted of, or pled no contest to, a felony or a misdemeanor involving a minor. Application information can be accessed online on the Department of Education Web site.

EDUCATION

All policies that pertain to the application process to the Teacher Education program, the continuation through the course sequence, the process for assignment to a student teaching placement, and final recommendation for Michigan certification, are contained in the department's Student Handbook. This Handbook is available electronically on the department's Web page (www.hope.edu/academic/education/). The students must read this handbook, must become familiar with all expectations, deadlines and responsibilities, and must comply with policies and regulations stated therein. Failure to do so may cause delays in the student's application process, in entry to course sequence and to the student teaching semester.

COMPLETED APPLICATION INCLUDES THE FOLLOWING ITEMS:

1. Program application accessed online through department Web page
2. Three rating sheets from faculty members (online)
3. Major/minor declaration forms (online)
4. Successful field placement evaluations for Ed 221 and Ed 226
5. Passing scores on the Michigan Test for Teacher Certification (basic skills)
6. Signed statement of commitment to professionalism
7. Attendance at two required information sessions: Education Department Orientation, and Chalk & Wire Electronic Portfolio Orientation
8. Cumulative GPA of 2.75/4.0 scale or higher
9. Special education majors are also required to submit an essay on "Why I Want to Major in L.D. or E.I."
10. IDS 200 requirement
11. A criminal background check and fingerprinting may be required by the department at the request of local schools. These requirements are evolving; students will receive periodic updates from the department.

After successful completion of all program requirements, graduates will qualify for a teaching certificate from the State of Michigan. Although teaching requirements vary among states, the Michigan certificate through reciprocal certification agreements is valid in many other states. Students desiring to teach outside of Michigan should confer with the Department of Education's Director of Certification for specific requirements.

All program requirements must be completed for students to be recommended for a teaching certificate in the State of Michigan. Program requirements include:*

1. Secure formal admission to the Teacher Education program.
2. Complete the Professional Education Sequence which has been established:
 - a) Elementary — Complete Education 220, 221, 225, 226, 280, 281, 282, 283, 310, 311, 312, 455, 470, 500.
 - b) Secondary — Complete Education 220, 221, 225, 226, 285, 286, 287, 360, 361, 455, 480 or 485, 500, and a special methods course in the major or minor field.
3. Earn a C+ or better grade in each education professional sequence course and field placement.
4. Meet the general education diversity requirement by completing the IDS 200 Encounter with Cultures course (effective Fall 2001).

*State of Michigan requirements are subject to periodic change. Students must meet State of Michigan and Department of Education requirements for teacher certification in effect at the time application is made for acceptance into the program.

EDUCATION

5. Earn a GPA of at least 2.75 in each of the following areas prior to student teaching: the major course sequence, the minor course sequence, the education sequence, and a cumulative GPA for all college work.
6. Complete the requirements for a major and minor** approved by the Department of Education and affirmed by the Michigan Department of Education.
 - a) Elementary: selected majors of 30 credits or a group major of 37-38 credits and a substantive minor of 20 credits, a regular academic minor of 20-22 credits, or a group minor of 28-30 credits.
 - b) Secondary: selected major of 30-46 credits, or a Social Studies group major of 37-40 credits, and a selected minor of 20-22 credits.
7. Earn a C+ or better grade in student teaching.
8. Satisfy the general requirements for the A.B., B.M., or B.S. degree at Hope College.
9. Pass the required Michigan Tests for Teacher Certification (MTTC) in appropriate areas.
10. Hold valid certification in CPR/First Aid at time of application for Michigan teacher certification.

Students are urged to plan their programs carefully and should begin that process early in their college careers. Students should also meet individually with education faculty. Students typically begin the teacher education sequence with Education 220/221 during their sophomore year and reserve one semester of the senior year for the professional semester program during which they will take specified education courses including student teaching. Application for student teaching must be made in the junior year. All students seriously considering teaching in the elementary school are encouraged to meet some General Education requirements by taking GEMS and other courses recommended by the Department of Education. Further information about recommended courses is available on the department Web page.

After approval from the Department of Education, students fulfill their student teaching experience in urban, suburban or rural school districts. Some students fulfill this requirement in the Chicago Semester.

MEETING PROFESSIONAL STANDARDS: All students in education courses must demonstrate that they have met either the Entry Level Standards for Michigan Teachers (ELSMT) or the Professional Standards for Michigan Teachers (PSMT), as well as the National Education Technology Standards for Teachers (NETS*T) in order to be designated as “highly qualified” teachers as required by No Child Left Behind (NCLB) legislation. The Department of Education has selected an electronic program that requires students to store artifacts and assessments over the course of the certification program. Utilizing this past work, teacher candidates will develop their student teaching professional portfolios to demonstrate they have met these professional standards. Graduates may continue the use of this program as they begin their careers. The Department of Education may be contacted for further information and charges.

SPECIAL EDUCATION: The Department of Education offers majors in the areas of K-12 Emotional Impairments and Learning Disabilities. Students follow the Elementary Education Certification track.

K-12 TEACHING SPECIALISTS: In the areas of Art, Music, Physical Education and Dance, Hope College offers K-12 programs for teaching specialists.

**Specific requirements for all certifiable majors and minors are available on the department Web page.

EDUCATION

URBAN EDUCATION PROGRAM: Urban education teacher candidates believe they have been called to serve children in poverty areas who are at risk of not succeeding in school. This program consists of a redesigned elementary curriculum for juniors and seniors, an extended pre-student teaching placement, and an expanded student teaching placement.

DEPARTMENT HANDBOOK: The Department of Education provides each student desiring certification a comprehensive electronic *Handbook* which outlines all program sequences and pertinent Teacher Education program information from the initial application to the department through certification.

Students desiring additional program information should contact Hope's Department of Education office or see the department Web page.

FINDING A TEACHING POSITION: Special efforts are made by the Office of Career Services to help teacher candidates secure teaching positions, but the college does not guarantee the placement of students in positions. Credentials packets must be completed during the semester in which the student does student teaching. They are then managed either by the student or by a private online service.

ACCREDITATION: Hope College's Teacher Education programs are approved by the Michigan Department of Education. Hope College is accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Ave., NW, Suite 500, Washington, DC 20036; phone (202) 466-7496. This accreditation covers all preparation programs. The college maintains membership in the American Association of Colleges for Teacher Education and the Michigan Association of Colleges for Teacher Education.

STUDENT TEACHING OPPORTUNITIES: Elementary and secondary teacher candidates may apply for off-campus student teaching through The Philadelphia Center, the Chicago Semester Program, and Rosebud Indian Reservation (as available). The Department of Education Web site has updated information about off-campus student teaching opportunities.

LEVEL ONE: INTRODUCTORY COURSES

220. Educational Psychology — The growth and development of children in all phases, but with special emphasis on social, emotional, and intellectual development. Careful study of the learning process with implications for teaching and the classroom. Students will be introduced to the department's Professional Abilities and the program options. Field placement (Education 221) is required and must be taken concurrently.
Three Credits Donk, Hwang, Jordan Both Semesters

221. Educational Psychology Field Placement — This field placement component is corequisite with Education 220, and will provide opportunities for students to work with mentor teachers in K-12 classrooms and to interact with children in large and small groups and/or one-to-one to discover the complexities of the teaching/learning process, and to determine if teaching is a career choice.
One Credit Donk, Hwang, Jordan Both Semesters

225. The Exceptional Child — A study of and accommodations in general education for the person who deviates markedly from the norm – mentally, physically, or socially – and requires special attention in regard to his/her educational development or behavior. Special attention is directed toward the following: autism spectrum disorders, emotional impairments, gifted and talented, hearing impairments, learning disabilities, cognitive impairments, mental retardation, physical impairments, other health impairments, speech and language impairments, traumatic brain injury, visual impairments, ADHD. Corequisite: Education 226. Prerequisite: Education 220; Psy-

EDUCATION

chology 100 for psychology majors. Sophomore standing. Cross listed as Psychology 225.

Three Credits Cherup, Finn, Kotkowicz Both Semesters

226. The Exceptional Child Field Placement — This field placement component is corequisite with Education 225 and will provide opportunities for interaction with persons with sensory, emotional, physical, cognitive disabilities/mental retardation, at-risk, as well as gifted and talented individuals.

One Credit Cherup, Finn Both Semesters

231. The Multicultural Child in the Early Childhood Years — This course is designed to explore the components of culture and the development of self-identity of Latino-American, African-American, Asian-American, and Middle Eastern-American children, with a particular emphasis on family life and school experiences. Differences between immigrant and American-born minority children and their families are analyzed. This course integrates fiction and non-fiction readings, films, speakers, and community experiences.

Four Credits Staff Fall Semester

233. Health, Safety, and Nutrition for Young Children — This course examines health issues, nutrition guidelines, and safety management practices in early childhood diseases. Health appraisal procedures are major topics in this course.

Two Credits Staff May Term

241. Introduction to Emotional Impairments — This course provides an introduction for teaching students with emotional/behavior impairments. Definitions and characteristics of an emotional impairment will be emphasized as well as historical, philosophical, etiological, and specific theoretical models identified regarding educating students with emotional/behavioral disorders. Must be taken concurrently with Educational 242.

Three Credits Staff Spring Semester

242. Field Experience: Emotional Impairment — This experience provides an opportunity for students to work with individuals with emotional/behavioral impairments and observe how these individuals are serviced in the school setting. Requires two hours per week and must be taken concurrently with Education 241.

One Credit Staff Spring Semester

251. Introduction to Assessment in Special Education — This course provides the knowledge and skills necessary to be successful in the area of special education assessment. Legal issues, technical understanding of assessment, reliability, and validity are examined. Investigation and application of appropriate assessment procedures and techniques for students with special needs are explored, and administration of various norm-reference, criterion-reference as well as informal tests are practiced. Current research and literature resources are reviewed. This course is a prerequisite for Education 352 - Assessment, Prescription and Remediation in Special Education.

Four Credits Finn Fall Semester

253. Introduction to Learning Disabilities — This course provides the foundation for teaching students with learning disabilities. Definitions and characteristics of a learning disability are presented in addition to special education processes, programs and services. Theoretical perspectives and their implications in the classroom setting are also explored. Must be taken concurrently with Education 254.

Three Credits Cook Fall Semester, May Term

254. Field Experience: Learning Disabled — This experience provides an opportunity for students to work with students with learning disabilities and observe how they are serviced in the school setting. Must be taken concurrently with Education 253. Requires two hours per week.

One Credit Cook Fall Semester, May Term

EDUCATION

258. Practices in Special Education for Early Childhood Teachers — Assessment, prescription, and remediation of PK-Grade 2 children with disabilities, developmental delays, at-risk, or special abilities. Students will move through the assessment process from the selection of testing tools to the administration of assessments, writing a case study, and implementation of an Individual Family Service Plan (IFSP) and Individual Education Plan (IEP). *Two Credits Staff June Term*

295. Studies in Education — This course is designed to allow students at the sophomore and junior level to become involved in studies in special interest areas. *One, Two or Three Credits Staff Both Semesters*

LEVEL TWO: PROFESSIONAL SEQUENCE COURSES

PRE-REGISTRATION REQUIRED. PREREQUISITE: ADMISSION TO DEPARTMENT

280. Literacy I: Reading and Language Arts, Birth to Third Grade — An in-depth examination of literacy issues which begin at birth and develop through the third grade. The six language arts (reading, writing, speaking, listening, viewing and graphically representing) will be studied in an interactive, integrated manner to guide the prospective teacher through a developmentally appropriate, constructive analysis of emerging literacy. Through the use of children's literature, diagnosis and assessment, reading strategies, phonological awareness, writing and holistic approaches to instruction, the prospective teacher will be encouraged to adopt a flexible teaching mode which recognizes the diversity of learning styles and needs in the elementary classroom. Prerequisites: Education 220 and 221, Education 225 and 226, and admission to the Teacher Education program. Corequisite: Education 281.

Three Credits Donk Both Semesters

281. Literacy I: Field Placement — A coordinated, supervised field placement in an appropriate elementary school, Pre-K through grade two. Requires a minimum of two hours a week. Corequisite: Education 280. *One Credit Donk Both Semesters*

282. Literacy II: Reading and the Language Arts, Grades 4-8 — The focus of this course is the transitional reader. It is during grades 4 through 8 that the child will become an independent reader in the elementary classroom. Building on the foundation provided in Education 280, prospective teachers will consider issues surrounding content area reading and the growing use of expository texts, informal and formal assessment, children's literature, and the integrated language arts. Additional attention will be paid to designing and conceptualizing instruction which engages all learners. Prerequisites: Education 280 and 281. Corequisite: Education 283.

Three Credits Pardo Both Semesters, May Term

283. Literacy II: Field Placement — A coordinated, supervised field placement in an appropriate elementary school setting, grades three through six. Requires a minimum of two hours a week. Corequisite: Education 282.

One Credit Pardo Both Semesters, May Term

285. Secondary Reading/Language Arts Across Disciplines — This course will focus on the integration of reading and the other language arts into content subjects for grades 6-12. Course topics include: uses of literature; reading, writing, listening, speaking, viewing, lesson planning, and graphically representing as tools for diverse learners in content subjects; and formal/informal assessment practices. Planning for content subject lessons will be integrated with Education 287. Prerequisite: admission into the Teacher Education program. Must be taken concurrently with Education 286 and 287.

Three Credits Mezeske/Pardo Both Semesters

EDUCATION

286. Secondary Reading/Adolescent Design Field Placement — A coordinated, supervised field placement in an appropriate content area middle school or high school classroom. This placement is shared with Education 285/287 and requires a minimum of two hours a week. Corequisites: Education 285 and 287.

One Credit Mezeske/Pardo Both Semesters

287. Instructional Design and Classroom Management for Teachers of Adolescents — This course will examine critical dimensions of adolescent (ages 12-18) development and identify appropriate instructional structures which create effective middle and high school learning environments. Course participants use theory, research, and instructional technologies to design and implement instructional plans. Students will study, analyze, and link classroom and behavior management theories and techniques with issues of instructional design, and with the field experiences (in Educ. 286). Course must be taken concurrently with Education 285 and 286 as the first secondary professional courses after acceptance into the Teacher Education program.

Two Credits Mezeske/Pardo Both Semesters

300. Elementary Music Methods — A practical presentation of how to teach music to school children, using singing, instruments and movement. Students will present music lessons in a practicum setting, exploring current trends in pedagogy. Designed for the classroom teacher and the music specialist. Prerequisites: basic music skills (singing and note reading) and permission of instructor.

Three Credits DeBoer Fall Semester

305. Physical Geography — This course explores the basic concepts and terms related to the study of physical geography. The characteristics and uses of maps, globes, and other geographic tools and technologies are addressed. The course also identifies the characteristics of landmasses and the physical processes in their development, including the shapes and patterns on the earth's surface, e.g., the atmosphere, the biosphere, the hydrosphere and the lithosphere.

Two Credits Fall Semester

306. Cultural Geography — This course examines the geographical and climatic factors that have influenced the social and economic development of global populations. It analyzes the relationship of humans and their environment and explores the nature and complexity of earth's cultural mosaics. It distinguishes the patterns and networks of economic interdependence on the earth's surface with an emphasis on world health, religions, foods, gender relationships, etc.

Two Credits Fall Semester

310. Elementary Curriculum and Methods (Math, Science, Social Studies) — An examination of the modern elementary school curriculum — its philosophy, structure, organization, methods of curriculum development, methods of instruction, including the use of technology, and brain-compatible instruction. General principles and practices taught are applicable to all areas of the curriculum, as well as specific principles and practices for the teaching of social studies, mathematics, and science. Recommended for pre-student teaching semester. Prerequisite: admission to the Teacher Education program. Corequisites: Education 311 and 312.

Five Credits Dell'Olio, Jordan Both Semesters

311. Elementary Curriculum and Methods Field Placement — More than 40 hours of participation and observation in local elementary or middle school classrooms. Students will observe instruction; keep reflective logs; maintain classroom routines; work with individual students, small and large groups. Recommended for the semester prior to student teaching. Prerequisite: admission to the Teacher Education program. Corequisites: Education 310 and 312.

One Credit Dell'Olio, Jordan Both Semesters

EDUCATION

312. Classroom Management for the Elementary and Middle School Teacher

— An overview of classroom and behavior management techniques for elementary and middle school teachers in general education settings. Course topics will include classroom organization, setting individual and group behavioral expectations, developing and implementing classroom rules and procedures, working proactively with students, and analyzing a variety of behavioral management philosophies. Prerequisites: admission to the Teacher Education program and completion of Education 280, 281, 282 and 283. Corequisites: Education 310 and 311.

Two Credits Dell'Olio, Jordan Both Semesters

315. Curriculum, Instruction and Assessment for the Early Childhood Classroom — An examination of curriculum, instructional methods, use of technology, and assessment practices for the PK-Grade 2 children in classrooms settings and other early childhood programs.

Three Credits Staff Fall Semester

316. Curriculum, Instruction and Assessment for the Early Childhood Classroom Field Placement — This field placement is taken concurrently with Curriculum, Instruction, and Assessment for the Early Childhood Classroom. A minimum of 22-24 hours will be spent in a local early childhood center or classroom.

One Credit Staff Fall Semester

321. Teaching of Social Studies in the Secondary School — Methods of teaching social studies at the secondary school level. While examining theoretical issues, this course will focus on the real world of teaching. As such, we will examine the complex role of the teacher as it pertains to curriculum, lesson planning, evaluation, and the dynamics of the classroom. Students will be expected to prepare and demonstrate various teaching models, and create lesson and unit plans based on the Michigan Content Standards and Benchmarks for Social Studies. In addition, students will be expected to research current issues and practices in the social studies and present those findings to the class.

Three Credits Norkus Fall Semester

323. Teaching of Mathematics in the Secondary School — Methods of teaching mathematics with emphasis on varied approaches, classroom materials, standards and benchmarks, curriculum changes, and trends in mathematics. Same as Math 323. Prerequisite: admission to the Teacher Education program.

Two Credits Swanson Fall Semester, Odd Years

331. Teaching of Science in the Secondary School — This course introduces methods of teaching science at the secondary school level. Emphasis is placed on materials and techniques for the teaching of biology, chemistry, geology, and physics. Classroom management, student diversity, at risk students, cooperative learning in the science classroom, the Michigan Curriculum Benchmarks and Content Standards, student-centered activity-based lesson plans, long-term planning, and safe laboratory practices and techniques are topics included in this course.

Three Credits Dummer Fall Semester

333. Secondary Special Education: Transition from School to Life — This course, the first in a two-course sequence, is designed to prepare individuals to understand and work with students with disabilities at the secondary level, focusing on transition from school to life. This class provides an overview of historical foundations, legal federal implementations, best practices, programming, and assessments for secondary students in special education. In addition, information about agencies, self-determination, vocational and post-school planning will be emphasized.

Two Credits Finn Fall Semester

EDUCATION

342. Strategies and Programs for Students with Emotional Impairment/Behavior Disorders — A comprehensive review of the unique curricular and programming alternatives for school-aged students with emotional and/or behavioral disorders. Emphasis is placed upon problems, issues, solutions, and strategies which are associated with special education programs for this student population. Prerequisites: Education 241, 242, and admission to the Teacher Education program.

Three Credits Kotkowitz Fall Semester

345. Teaching Physical Education and Recreation in the Elementary School — Acquaints the student with the games, rhythms, story-plays, and other physical activities suitable for each of the elementary grades. Attention is given to objectives and methods of organization. Each student is required to do practice teaching in these activities as part of the class work. Elective for prospective elementary teachers.

Three Credits Fritz Fall Semester

344 and 346. — Special methods courses for the secondary and K-12 physical education major. See the Kinesiology section of this catalog for course descriptions.

352. Assessment, Prescription and Remediation in Special Education — This course provides an opportunity for students to apply assessment practices in the field in conjunction with a corresponding field experience. Students move through the assessment process from the selection of testing tools, to the administration of assessments, writing of a case study, and implementation of an Individualized Education Plan within the special education system. Must be taken concurrently with Education 356, 357/358 and 359. Prerequisites: admission to the Teacher Education program and Education 251.

One Credit Cook Spring Semester

356. Classroom and Behavior Management: L.D./E.I. — This course provides an in-depth study of classroom and behavior management relative to the unique needs of students with emotional impairments and/or learning disabilities as well as students in the general education setting. Must be taken concurrently with Education 352, 357/358 and 359. Prerequisites: admission to the Teacher Education program and Education 241 or 253, and 251.

Two Credits Cherup Spring Semester

357. Field Experience: Learning Disabilities — This placement provides an opportunity to integrate information addressed in Education 352, 356 and 359 to field placement settings. Emphasis will be on application of assessment, lesson design, classroom and behavior management, and remediation techniques. Must be taken concurrently with Education 352, 356 and 359. Prerequisites: Education 251 and 253 and admission to the Teacher Education program.

Three Credits Cherup, Cook Spring Semester

358. Field Experience: Emotionally Impaired — This placement provides an opportunity to integrate information addressed in Education 352, 356 and 359. Emphasis will be on application of assessment, lesson design, classroom and behavior management, and remediation techniques. Must be taken concurrently with Education 352, 356 and 359. Prerequisites: Education 241 and 251 and admission to Teacher Education program.

Three Credits Cherup, Finn Spring Semester

359. Elementary/Middle School Special Education: Instructional Design — Curricular methods and materials appropriate for instruction of students with disabilities (focuses on emotional impairments and/or learning disabilities) are studied in this course. Emphasis is placed on development of programming based on specific objectives for the individual student with disabilities. Focus areas include oral language, reading, written language, mathematics, computer-assisted instruction, and content areas related to teaching strategies. Prerequisites: Education 241 or 253, and

EDUCATION

251 and admission to the Teacher Education program. Recommended for the junior year. Must be taken concurrently with Education 352, 356 and 357/358.

Four Credits Cook, Finn Spring Semester

360. Secondary Principles — A study of secondary schools, with particular emphasis on principles and purposes. In conjunction with the various content-area methods courses, this course is designed to prepare students for teaching in middle schools and junior or senior high schools. When possible, students should schedule their content-area methods courses concurrently with this course. Prerequisite: admission to the Teacher Education program. Corequisite: Education 361.

Three Credits Bultman Both Semesters

361. Secondary Principles Field Placement — This 25-30 hour pre-student teaching placement is structured so students are in area secondary schools one to two hours every day for five weeks during the middle of the semester.

One Credit Bultman Both Semesters

370. Secondary Instrumental Methods and Administration — Problems peculiar to the teaching of instrumental music in both class and private instruction. Sections will be devoted to the selection of text and music; the selection, care, and repair of orchestral instruments; and the marching band. The requirements for the first two years as a music major are advisable as a prerequisite.

Three Credits Staff Fall Semester, Even Years

380. Teaching of English in the Secondary Schools — A study of and experience in applying methods of teaching grammar, literature, and composition in the secondary schools. Same as English 380. Prerequisite: admission to the Teacher Education program or by consent of the chairperson of the Department of Education.

Four Credits Moreau Both Semesters

383. Teaching English as a Second or Foreign Language — A survey of procedures and materials for teaching English as a second or foreign language. Recommended for majors in English, Communication, or Language Arts who plan to teach in inner city schools. Students enrolled in Education 383 serve a tutoring internship. Tutorials provide a laboratory experience for the collection and analysis of data as well as for the application of knowledge and methodology gained in the course. Following completion of the course students are eligible for employment as ESL tutors. Same as English 383. Prerequisite: any one of the following: Education 220, Education 310, Education 360, English 356, or Linguistics 364.

Three Credits Braaksma Fall Semester

384. Teaching of Foreign Languages — Methods of teaching French, Spanish, German, and Latin at the middle school, high school, or college levels. A 10-hour internship is required. Required of those planning to teach these languages in the secondary school.

Four Credits Burkey Spring Semester

434. Secondary Special Education: Instructional Design — This course provides a continued study of theories, programs and strategies relative to adolescence, appropriate for use with students with learning and/or emotional/behavioral problems in the middle or high school setting. Emphasis will be placed on behavior management, social skills instruction, as well as current pedagogical practices designed to meet the needs of secondary level students with disabilities. To be taken concurrently with Education 453, 454, 455, and 460, 465 or 470. Prerequisites: admission to Teacher Education program, Education 333, 352, 356, 357 or 358, and 359.

Two Credits Kotkowicz Fall Semester

EDUCATION

453. Computers and Technology: Special Education — This course provides an in-depth study of technology appropriate for students with disabilities and students in the general education setting. Emphasis will be on the exploration of computer related hardware and software for students and teachers, legislative rules, and current issues. Must be taken concurrently with Education 434, 454, 455, and 460, 465, or 470. Prerequisites: admission to the Teacher Education program and Education 333, 352, 356, 357 or 358, and 359.
Two Credits Cherup Fall Semester

454. Current Issues and Trends: Special Education — This course provides a discussion of issues affecting the field of special education as well as an overview of current research and programs. Must be taken concurrently with Education 434, 453, 455, and 460, 465 or 470. Prerequisites: admission to the Teacher Education program and Education 333, 352, 356, 357 or 358, and 359.
Two Credits Cook Fall Semester

488-01. Rural Education — A study of rural community attitudes and characteristics which affect the local school with actual teaching in rural Michigan.
Four Credits Yelding May Term

488-02. Cross Cultural Education - Native American Studies — This course is conducted on the Rosebud Reservation in South Dakota and provides an opportunity to learn about the history and culture of the Lakota Sioux, as well as an opportunity to teach in the schools or work with social workers on the Reservation.
Four Credits Cherup, Piers May Term

490. Independent Studies in Education — For prospective teachers who wish to do advanced study in a special interest field. This course should not be taken as a replacement for any regular course but rather should be limited to students who are seriously interested in doing some independent research study. Approval for study must be given by the department chairperson prior to registration.
One, Two or Three Credits Mezeske Both Semesters

LEVEL THREE: PROFESSIONAL SEMESTER

455. Student Teaching Seminar — The student teaching seminar is a required component of the Professional Semester experience and is taken in conjunction with student teaching. It provides an opportunity to synthesize the student teaching experience and move the student teacher toward the world of teaching at a professional level. Meeting once a week, it offers information on the certification and employment search processes, while also presenting chances to interact with other student teachers. Student teachers are also given the chance to meet with their college supervisors in order to examine their practice in the field.
One Credit Cook Both Semesters

460. Student Teaching, Learning Disabilities — This field-based experience, supervised by the Department of Education, is done in cooperation with area school systems. The student is placed in a classroom for students with learning disabilities for the purpose of making application of previously acquired knowledge. Must be taken concurrently with Education 455. Prerequisite: admission to the student teaching program.
Nine Credits Cook Both Semesters

465. Student Teaching, Emotional Impairments — This field-based experience, supervised by the Department of Education, is done in cooperation with school systems in western Michigan. The student is placed in a classroom for students with emotional impairments and provides a vehicle for application of previously acquired

EDUCATION

knowledge. Must be taken concurrently with Education 455. Prerequisite: admission to the student teaching program. *Nine Credits Cook Both Semesters*

470. Student Teaching in the Elementary School — Student teaching, supervised by the Department of Education, is done in cooperation with school systems in western Michigan. Students are placed in elementary or middle school classrooms. Must be taken concurrently with Education 455. Prerequisite: admission to the student teaching program. *Nine Credits Cook Both Semesters*

480. Student Teaching in the Secondary School — Student teaching, supervised by the Department of Education, is done in cooperation with school systems in western Michigan. Students are placed in classes matching their major and/or minor areas of study at the middle or high school levels. Prerequisite: admission to the student teaching program. *Nine Credits Cook Both Semesters*

485. Student Teaching in the Elementary and Secondary Schools (K-12) — Student teaching, supervised by the Department of Education, is done in cooperation with school systems in western Michigan. Experience is provided at both the elementary and secondary levels, enabling students majoring in art, music, dance, and physical education to obtain K-12 endorsement. Must be taken concurrently with Education 455. Prerequisite: admission to student teaching program. *Nine Credits Cook Both Semesters*

495. Seminar in Education — A course designed to allow a professor to instruct the upper level student in an area of his/her special interest or research. Students will engage in extensive reading and/or research on a specific topic or problem. Prerequisite: consent of instructor. *One, Two or Three Credits Staff Both Semesters*

500. Perspectives in Education — A study of the organizational and operational aspects of American education. Current educational practices and problems will be examined in historical, sociological, and philosophical perspectives. Course topics include school governance, reform, finance, and legal issues; teachers' unions and contracts; and current critical issues in education. Prerequisites: senior status and admission to the Teacher Education program or by consent of chairperson of the Department of Education. *Three Credits Yelding, Staff Both Semesters*

ENGINEERING



Faculty: Mr. Krupczak*, Chairperson; Mr. Abrahantes, Mr. Brown, Mr. Misovich, Mr. Veldman.

The engineering program at Hope College offers a B.S. degree with a major in engineering that is accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 105, Baltimore, MD 21202-4012 – telephone: (410) 347-7700.

Our program emphasizes small class sizes, the opportunity to carry out research with faculty, and state-of-the-art laboratories. Hope engineering students are often double majors or participants in athletics. At Hope we offer the kind of one-on-one attention that insures that each student reaches his or her potential. Faculty are focused on the success of undergraduate students as our most important goal.

Our engineering curriculum is designed to help students identify and define their interests, and provide the technical background needed to begin work as an engineer or continue on to advanced graduate study. Our approach to engineering education includes challenging coursework in engineering fundamentals in the classroom and laboratory. Other aspects include rigorous study of science and mathematics, and a broad education in the humanities and social sciences. Our innovative engineering design class has appeared in *USA Today*.

The Hope College engineering program has an excellent record of placing students after graduation either in graduate schools or industry. Our recent graduates have taken jobs with such industry leaders as: Intel, Ford, General Motors, Pfizer, Lockheed-Martin, and Hewlett Packard. About 50 percent of our students go directly on to engineering graduate schools. Since 1996 half of the Hope engineering students going to graduate school have gone to one of the top graduate engineering schools in the country. These graduate schools include: the Massachusetts Institute of Technology, the University of Michigan, and the University of California at Berkeley.

MAJOR PROGRAMS

The department offers several different majors designed to meet a variety of students' needs. Students with a possible interest in physics should also see that section.

ENGINEERING

The mission of the Hope College Engineering Program is to provide engineering students with a solid foundation in engineering and the underlying mathematics and sciences within the framework of a liberal arts education, and to contribute to the education of other Hope College students.

The professional practice of engineering requires an understanding of analytical methods, design techniques, social and economic influences, and an appreciation for cultural and humanistic traditions. Our program supports these needs by offering each engineering student the opportunity to acquire a broad yet individualized technical and liberal education. At the core of the curriculum is a sequence of mathematics, physics and engineering courses that foster analytical and design skills applicable to a range of engineering disciplines. Elective courses, design projects and undergraduate research opportunities allow students to pursue specific areas of interest. Hope's strong liberal arts core curriculum provides engineering students with critical thinking skills, proficiency in a foreign language, and exposure to a diversity of views and cultures. Graduates of the program are prepared to begin a professional career or continue study in graduate school.

*Sabbatical Leave, Fall Semester 2008

ENGINEERING

To educate engineers within the context of a liberal arts college that emphasizes small classes and attention to individual needs, the engineering program has established the following educational objectives:

1. Hope engineering graduates will obtain the education and background necessary to begin a successful career in engineering practice and/or gain entry into engineering graduate school.
2. Hope engineering graduates will be competent in methods of analysis, including an understanding of mathematics, science and engineering principles appropriate for engineers to use in practice.
3. Hope engineering graduates will have the ability to select and use current engineering techniques to solve problems. This includes designing and conducting experiments, using computer software tools, and interpreting data.
4. Hope engineering graduates will have the skills needed to design a process, component, or system that meets desired needs. This includes the ability to handle ambiguous constraints, generate alternative ideas, and deal with economic, social, and ethical criteria.
5. Hope engineering graduates will be capable of working effectively in multidisciplinary teams and communicating ideas to others.
6. Hope engineering graduates shall possess an awareness of the societal context of engineering. This includes recognizing the social, political, economic and environmental impacts of engineering decisions and technology.
7. Hope engineering graduates will display an appreciation of cultural diversity and an awareness of the international nature of engineering practice, and be able to work in a global environment.
8. Hope engineering graduates' future professional activities will be enriched by the opportunity for specialization or study in a secondary area of interest while undergraduates. Some examples are completing a dual major or fulfilling a departmental minor.
9. Hope engineering graduates shall be able to formulate career goals having been informed via interactions with business and industry while undergraduates.
10. Hope engineering graduates will advance to careers having had an opportunity to become involved in research.

BACHELOR OF SCIENCE IN ENGINEERING

The Bachelor of Science in Engineering is a rigorous major accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 105, Baltimore, MD 21202-4012 - telephone: (410) 347-7700. The major provides excellent preparation for engineering positions in a wide variety of industries or for advanced graduate study in engineering

Electrical Engineering Emphasis

For the Bachelor of Science degree with a major in engineering with an electrical engineering emphasis, the major consists of 48 credits including the following courses: ENGS 170, 221, 222, 224, 241, 242, 331, 333, 345, 351, 451, and 452. An additional 15 credits are required, including a minimum of 9 credits selected from ENGS 332, 342, 352 or other approved electrical engineering topics courses (ENGS 495). The remaining courses must be selected from other engineering courses, or CSCI 160 or 225.

Mechanical Engineering Emphasis

For the Bachelor of Science degree with a major in engineering with a mechanical engineering emphasis, the major consists of 48 credits including the following courses: ENGS 170, 221, 222, 224, 241, 331, 333, 345, 346, 451, 452, and 361. An

ENGINEERING

additional 15 credits are required, including a minimum of 9 credits selected from ENGS 332, 344, 348, 355 or other approved mechanical engineering topics courses (ENGS 495). The remaining courses must be selected from other engineering courses, or CSCI 160 or 225.

Chemical Engineering Emphasis

For the Bachelor of Science degree with a major in engineering with a chemical engineering emphasis, the major consists of 48 credits of engineering and must include ENGS 170, 221, 222, 224, 241, 251, 331, 333, 345, 346, 348, 371, 375, 376, 451, 452, and two additional credits selected from engineering offerings, CSCI 160 or 225. In addition to the cognate requirements listed above for the major, CHEM 114, 121, 221, 255, 322, 343, and two additional credits in chemistry at the 200 level or above (lecture and laboratory) are required. This course sequence also satisfies the requirements for a chemistry minor.

Civil Engineering Emphasis

For the Bachelor of Science degree with a major in engineering with a civil engineering emphasis, the major consists of 48 credits of engineering and must include ENGS 170, 221, 222, 224, 241, 331, 333, 345, 346, 355, 451, 452, and 3 credits of a geotechnical engineering topical course (ENGS 495). An additional 13 credits are required, including a minimum of 10 credits selected from ENGS 251, 344, 361 or other approved civil engineering topics courses (ENGS 495). The remaining courses must be selected from other engineering courses, or CSCI 160 or 225.

Computer Engineering Emphasis

For the Bachelor of Science degree with a major in engineering with a computer engineering emphasis, the major consists of 48 credits including the following courses: ENGS 170, 221, 222, 224, 241, 331, 333, 345, 451, 452, 495 and CSCI 160, 250, 260, 335, 376. An additional 6 credits are required selected from other engineering courses or CSCI 225.

Biochemical Engineering Emphasis

For the Bachelor of Science degree with a major in engineering with a biochemical engineering emphasis, the major consists of 48 credits of engineering and must include ENGS 170, 221, 222, 224, 241, 251, 331, 333, 345, 346, 348, 371, 375, 376, 451, 452, two additional credits selected from engineering offerings, CSCI 160 or 225. In addition to the cognate requirements listed above for the major, BIOL 240 and CHEM 114, 121, 221, 231, 255, 311, and 343 are required.

No Emphasis Option

For the Bachelor of Science degree with a major in engineering with no specified emphasis, the major consists of 48 credits including the following courses: ENGS 170, 221, 222, 224, 241, 331, 333, 345, 346 or 351, 451, 452, and 342 or 361. An additional 15 credits are required from other engineering courses, or CSCI 160 or 225.

For all emphasis options, two semesters of ENGS 080 are required. A maximum of one credit of internship (ENGS 499) and research (ENGS 490) may be counted toward the major.

In choosing courses within the science division to complete the requirements for the Bachelor of Science degree, students should select PHYS 121, 141, 122, 142, 280, MATH 131, 132, 231, 232, CHEM 111 and 113, which serve as prerequisites and/or cognates for the engineering major. Students earning a B.S. in engineering must take an additional mathematics or basic science class of at least two credits

ENGINEERING

approved by the student's engineering advisor. In general, approved mathematics or basic science courses are those appropriate for majors in that discipline.

Computer programming competence is required. Engineering students are expected to have programming experience by the beginning of the senior year. This requirement may be satisfied by CSCI 160 or 225, or by demonstrating competence on a problem chosen by the department. Twenty-four hours of work at the level of 300 or above must be completed at Hope College.

Students interested in **Environmental Engineering** or **Aerospace Engineering** should consult with the engineering chairperson as early as possible.

BACHELOR OF SCIENCE IN ENGINEERING SCIENCE

The Bachelor of Science in Engineering Science major conforms to the minimum requirements for a Bachelor of Science degree at Hope College and is not accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 105, Baltimore, MD 21202-4012 – telephone: (410) 347-7700. The accredited major can be found on pages 175-176.

The major consists of a total of 36 credits which must include the following courses: ENGS 170, 221, 222, 224, 241, 280, 331, 333, 342 or 361, 345, 346 or 351, 451. An additional 3 credits must be chosen from ENGS 100, 242, 332, 342, 344, 348, 351, 355, 361, 452, 490, 495, 499, or CSCI 160, 225. Two semesters of ENGS 080 are required. Other courses may be substituted for the optional or required courses with **prior** approval of the department. A maximum of only one credit of internship and research may be counted toward the major.

In addition, 24 credits in science and mathematics courses are required, including PHYS 121, 141, 122, 142, MATH 131, 132, 231 and 232, CHEM 111 and 113. Two semesters of PHYS 080 also are required. Computer programming competence is required. Engineering students are expected to have had programming experience by the beginning of the senior year. This requirement may be satisfied by CSCI 160 or 225, or by demonstrating competence on a problem chosen by the department.

ENGINEERING PHYSICS

Students wishing to combine elements of physics and engineering in their major should consider the Bachelor of Science in Engineering Physics. This major conforms to the minimum requirements for a Bachelor of Science degree at Hope College and is not accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 105, Baltimore, MD 21202-4012 – telephone: (410) 347-7700. The accredited major can be found on pages 175-176. This major (minimum of 36 credits) combines elements from both areas and is designed in consultation with the chairperson and requires prior approval from the department.

DUAL MAJORS

In case of a dual major, the physics and engineering courses required are those described above. The additional mathematics and science requirements shall be established by agreement between the student and the department. Recent dual majors have included engineering-dance, engineering-chemistry, engineering-computer science, engineering-English, and engineering-economics.

ENGINEERING MINOR

A minor in engineering consists of 20 credits of engineering courses. It must include ENGS 221, 241, and at least one 300 level course. The remaining courses are to be chosen by the student in consultation with the department chairperson and the

ENGINEERING

student's advisor. The exact courses will depend upon the intended major program of the student. Prior approval of the courses by the department is required.

DUAL BACCALAUREATE IN ENGINEERING

In general, students planning to transfer under a dual baccalaureate program enroll in the same courses that students would who are expecting to earn a degree in engineering from Hope College. If a student enrolls in the usual engineering course pattern, the decision about transferring can be made in the junior year. It is the responsibility of the student to confirm the transferability of credits and the exact nature of the course work required by the engineering school. Early discussions with the engineering chairperson are strongly suggested.

PHYSICS

The fields of engineering and physics are closely related. Similar principles and science concepts are found in both. One is more focused on application and one tends more to the abstract. Students unsure of their specific career goals are encouraged to read about the physics program elsewhere in this catalog.

PREREQUISITE POLICY

Many courses in the department have prerequisites listed. A grade of C or better is required in these prerequisite courses. If this is not the case, then it is the view of the department that the prerequisite has not been fulfilled and the course may not be taken without written permission of the instructor and the department chairperson.

ENGINEERING COURSES

080. Engineering Seminar — All students interested in engineering are encouraged to attend departmental seminars. Registered students are required to attend at least 80 percent of the seminars presented. Seminars present topics of current interest in engineering and questions of concern in engineering research. Seminars provide students the opportunity to discuss state of the art engineering advances with speakers actively engaged in the field.

100. Introduction to Engineering — This course introduces students to the basic principles of engineering and the various disciplines that constitute the field. Major engineering accomplishments are studied from historical, political, artistic and economic viewpoints. Students work in teams to solve engineering design problems and undertake laboratory investigations. Foundations of engineering science including force equilibrium, concepts of stress and strain, Ohm's Law, and Kirchoff's Voltage and Current Laws are studied.
Three Credits Krupczak Spring Semester

170. Computer Aided Design — An introduction to computer aided design. Students will learn to use a solid modeling design system for the purpose of creating their own designs. Design methods and techniques will be studied through development of increasingly complex devices. Each student is expected to design a device of his/her own choosing, investigate its properties, write a report on it and make a presentation of the design to the class. Corequisite: MATH 131 or prior permission of the instructor.
One Credit Brown Fall Semester

221. Introduction to Solid Mechanics I — Fundamental concepts of statics and the mechanics of deformable bodies: forces and couples, free body diagrams, equilibrium, mass properties, stress and strain, Hooke's Law and material behavior. Application to the equilibrium analysis of trusses, structures and machines in two and three dimensions. Engineering analysis of the stresses and deformations in structures which

ENGINEERING

involve the axial loading of bars, torsion of circular rods and bending of beams. Prerequisites: MATH 132 and ENGS 100 or PHYS 121.

Four Credits Brown Fall Semester

222. Principles of Engineering Materials — The properties of engineering materials depend on their internal structures. The role of these structures in metals, plastics, ceramics, and other materials is presented and applied to engineering problems. Failure theories for various structures are also discussed. Prerequisites: MATH 231, CHEM 111, and ENGS 221. *Three Credits Brown Spring Semester*

224. Mechanics of Materials Laboratory — A laboratory to accompany Engineering 222, Principles of Engineering Materials. The laboratory investigates the properties of engineering materials by use of standard testing means. Students are expected to analyze the results of tests using packaged software programs and programs that they develop themselves. Student teams will undertake a design project in which they must analyze the mechanical properties of the materials they will use and predict the mechanical behavior of the object they design and build. Corequisite: ENGS 222. Prerequisites: CHEM 111 and MATH 231.

One Credit Brown Spring Semester

241. Circuit Analysis and Applications — The course provides an introduction to analysis and design of DC, AC circuits, and phasors. Diodes are introduced and utilized in nonlinear circuit applications. Transistors are studied for applications as amplifiers and switches. Operational amplifiers and circuit applications are introduced and analyzed. Prerequisite: ENGS 100, or PHYS 122 and 142, or permission of instructor. Same as PHYS 241. *Four Credits Abrahamtes Fall Semester*

242. Electronic Devices and Design — The course examines in detail the design and analysis of analog and digital circuits. Analog integrated circuits include bipolar junction transistor amplifiers, operational amplifiers, and active filters. Generalized Ohm's law is employed to analyze and design active filters. Logic circuit design is presented and digital circuits are analyzed and designed. Prerequisite: ENGS 241 or permission of instructor. Same as PHYS 242.

Four Credits Abrahamtes Spring Semester, Even Years

251. Conservation Principles and Process Calculations — An introduction to chemical engineering calculations, emphasizing the conservation of mass and energy. Systems studied will include batch and continuous processes, complex processes with recycle, processes in which chemical reactions take place, and separation processes. Concepts of steady-state and transient balances will be used in process analysis. Prerequisites: MATH 131 and CHEM 111. *Misovich Spring Semester*

280. Introduction to Mathematical Physics and Engineering — A course in mathematical methods. It is cross listed as PHYS 280. A full description may be found there.

290. Independent Studies — With departmental approval, freshmen or sophomores may engage in independent studies at a level appropriate to their ability and class standing, in order to enhance their understanding of engineering. Students may enroll each semester. Permission of the instructor is required.

One or Three Credits Staff Both Semesters

295. Studies in Engineering — A lecture and/or laboratory course in an engineering area of interest.

Two to Four Credits Staff Both Semesters

322. Logic Circuit Design — The course addresses switching theory and digital logic devices. Topics covered include: Boolean algebra, algebraic simplification,

ENGINEERING

Karnaugh maps, Quine-McCluskey method, multi-level networks, combinational and sequential network design, flip-flops, and counters. Prerequisites: ENGS 241.

Abrahantes Spring Semester, Odd Years

331. System Dynamics — Introduction to the mathematical modeling, analysis, and control of mechanical, electrical, hydraulic and thermal systems. Derivation of governing state (differential) equations. Analysis of the free and forced response of systems by direct analysis and computer simulation. Introduction to the design of feedback control systems including analyzing stability and characterizing system behavior. Includes laboratory component. Corequisite: ENGS 241. Prerequisites: PHYS 121 and MATH 232.

Three Credits Veldman Fall Semester

332. Control Systems — Design of linear feedback control for dynamic systems. Topics include stability analysis, root locus compensation and design, frequency response techniques, state space and digital controls. The mathematical software MATLAB is used extensively to analyze and simulate control systems. Prerequisite: ENGS 331.

Three Credits Abrahantes Spring Semester

333. System Dynamics Laboratory — A laboratory to accompany Engineering 331, Dynamic Systems and Controls I. The laboratory investigates the dynamic properties of systems of first and second order mechanical systems. Both linear and rotary systems are investigated. Systems with multiple masses and springs are studied. Controllers are developed and applied to some of the systems. Corequisite: ENGS 331. Prerequisites: PHYS 122 and MATH 232.

One Credit Veldman Fall Semester

342. Electricity and Magnetism — A course in classical electromagnetism. It is cross listed as PHYS 342. A full description may be found there.

344. Mechanical Vibrations — Free and forced response of single and multiple degree of freedom lumped mass systems, and of continuous bodies. Analytical and numerical methods for solving vibration problems. Applications to the vibrations of mechanical systems and structures, earthquake response of structures. Prerequisites: ENGS 221 and MATH 232.

Three Credits Veldman Fall Semester, Even Years

345. Thermodynamics — Thermodynamics is the study of heat and work. The concepts of the zeroth, first and second laws of thermodynamics, and equations of mass and energy conservation are presented. These concepts are then applied to power generation systems, refrigeration cycles, internal combustion, and jet engines. Corequisite: MATH 231. Prerequisite: PHYS 121.

Three Credits Misovich Fall Semester

346. Fluid Mechanics — The study of fluid mechanics is essential in analyzing any physical system involving liquids and gases. The properties of a fluid and the concepts of fluid statics, the integral and differential analyses of fluid motion, and incompressible flow are presented. Applications of these concepts to various engineering situations, such as propulsion systems, aerodynamics, and piping systems, are examined. Corequisite: MATH 232. Prerequisites: ENGS 221, 345.

Three Credits Krupczak/Misovich Spring Semester

348. Heat Transfer — This course introduces the fundamental concepts of heat transfer. The three modes of heat transfer are addressed: conduction, convection, radiation. Both steady state and time varying situations are considered. The energy balance is applied extensively, and physical and mathematical principles underlying the concepts of heat transfer are presented. Rectangular, cylindrical and spherical coordinate systems are used in the analysis. Various aspects of heat transfer phenomena are studied in the laboratory. Corequisite: ENGS 346. Prerequisite: ENGS 345.

Three Credits Misovich Spring Semester, Even Years

ENGINEERING

351. Signal Analysis and Communications — This course will introduce students to the basics of signal modulation and radio frequency analysis and design. The approach is tailored to a careful development of the mathematical principles upon which such systems are based. A wide variety of current communication systems will be presented. The emphasis in this course is the design and analysis of Amplitude Modulation (AM), Frequency (angle) Modulation (FM), and Pulse Width Modulation (PWM), and understanding the differences between these types of modulations. The students will also be introduced to band-pass filters that are extensively used in signal demodulation. Prerequisite: ENGS 331.

Three Credits Staff Spring Semester, Odd Years

352. Optics — A course in geometrical and physical optics. It is cross listed as PHYS 352. A full description may be found there.

355. Structural Analysis — This course covers the analysis of determinate and indeterminate structures; moment-area and conjugate beam methods; deflection of beams, trusses, and frames; consistent deformations method; influence lines; moment distribution method; and introduction to matrix methods in structures. Prerequisites: ENGS 222 and ENGS 224.

Three Credits Brown Fall Semester, Odd Years

361. Analytical Mechanics — This course covers classical mechanics. It is cross listed as PHYS 361. A full description may be found there.

371. Chemical Reaction Engineering — Determination and application of reaction rate variables, stoichiometry, equilibrium, and kinetics to batch and continuous reactor types. Design calculations for reactors including temperature, fluid flow and heat transfer considerations. Analysis of multiple reactions, chain reactions, biological reactions, and catalytic reactions. Prerequisites: ENGS 251 and 346

Misovich Fall Semester, Odd Years

375. Phase Equilibrium and Separations I — Study of the concepts of thermodynamic phase equilibrium and their application to large-scale separation processes used in industrial practice. Topics studied will include vapor-liquid and liquid-liquid equilibrium, nonideal solution behavior, single and multiple equilibrium stage calculations, distillation, absorption and extraction, binary and multicomponent systems, and equipment design considerations. Prerequisites: ENGS 251 and 348.

Misovich Fall Semester, Even Years

376. Advanced Thermodynamics and Separations II — Continuation of study of the concepts of thermodynamic phase equilibrium and their application to large-scale separation processes used in industrial practice. Topics studied will include vapor-liquid and liquid-liquid equilibrium, nonideal gas behavior, diffusion and mass transfer, rate-based continuous contact, distillation, absorption and extraction, binary and multicomponent systems, other separation processes, and equipment design considerations. Prerequisite: ENGS 375.

Misovich Spring Semester, Odd Years

451. Introduction to Engineering Design — Engineers create products, systems, and processes to solve problems and meet social needs. This course introduces students to the art and science of engineering design. Engineering design methods and the characteristics of the engineering design process are studied including: problem definition, conceptual design, preliminary design and detail design. Exercises are carried out focusing on the development of creativity, independent thinking, and the ability to overcome unexpected problems, as well as ethics in the workplace. Students learn oral and written communication skills needed in engineering design and carry out individual hands-on design projects. Prerequisites: ENGS 170, 221, 222 and 241, and junior standing.

Three Credits Krupczak/Veldman Fall Semester

ENGINEERING

452. Engineering Design — Engineering design problems are usually solved by teams working in an industrial environment. In this course students work in teams to solve an engineering design problem. The scope of activity extends from problem definition and development of requirements, through construction of a working prototype. Other course work includes: basic techniques of engineering project management, a study of how the engineering design process is conducted within a typical industrial company or technical organization, building and working in an engineering design team, and development and refinement of communication skills needed in engineering design. Additionally, basic materials manufacturing processes for polymers, metals, and composite materials will be discussed. Prerequisites: ENGS 451 and senior standing. *Three Credits Krupczak/Veldman Spring Semester*

490. Research — With departmental approval, juniors or seniors may engage in independent studies at a level appropriate to their ability and class standing, in order to enhance their understanding of engineering. Students may enroll in each semester. *One or Three Credits Staff Both Semesters*

495. Topics in Engineering — An advanced topic of engineering will be investigated in detail. The choice of the topic will vary from year to year to provide junior and senior students with the opportunity to study a field outside of the normally prescribed curriculum. Examples of such topics are: Finite Element Analysis Methods, Digital Signal Processing, and Non-Linear Mechanical Systems. As the topic will be different each year, students will have the opportunity to study a different topic in their junior and in their senior year. Prerequisite: junior standing in engineering or permission of the instructor. *Two to Four Credits Staff Spring Semester*

499. Internship in Engineering — This program provides engineering experience for students and is usually done off-campus under the supervision of a qualified engineer. A written report and oral department seminar presentation appropriate to the internship experience are required. Approval of the chairperson is required. *One Credit Staff Both Semesters*



Faculty: Mr. Klooster, Chairperson; Mr. Cho, Mr. Cole, Mr. Cox, Ms. Dykstra, Mr. Gruenler, Mr. Hemenway, Ms. Janzen, Ms. Kipp, Ms. Mezeske, Mr. Montañó, Mr. Pannacker, Mr. Peschiera, Mr. Reynolds, Mr. Schakel, Ms. Sellers*, Ms. Trembley, Ms. Verduin, Ms. Young. **Assisting Faculty:** Ms. Aslanian, Ms. Bartley, Ms. Douglas, Ms. Fincher, Mr. Huisken, Mr. James, Ms. Lunderberg, Mr. Moreau, Ms. Portfleet, Mr. Rappleve, Mr. Smith, Ms. Vissers.

The program of the Department of English is designed to meet the needs of the student who wishes to pursue the study of English language and literature or the student who wishes to develop special skills in the art of writing, either for their intrinsic worth or in preparation for a specific career. The major programs reflect these different objectives.

The department is, first, a department of literature. Literature presents, with beauty and power, perennial human situations and issues — problems of identity, purpose, relationship, and meaning. It enables one imaginatively to enter and share the experiences of other persons: to feel what was felt by people in earlier eras, distant lands, entirely other patterns of life, and to juxtapose those feelings with one's own.

It is also a department of language: of the study of the English language and of language as used in writing. Understanding the history and nature of language is basic to effective verbal communication and to good verbal artistry. The courses in expository and creative writing begin with and build on a knowledge of language and lead to increased skill in using language effectively.

While the curriculum provides those who wish to teach or attend graduate school the specialized courses they need, it also seeks to meet the needs of students pursuing the broad aims of a liberal education. By helping develop students' abilities to read, to think, and to express themselves logically, coherently, and imaginatively, it helps prepare them for careers in fields like government service, law, business, librarianship, and the ministry which emphasize such skills.

Students required to take a course in composition register for English 113; those who want a course or courses in literature as part of the general degree requirements register for English 231 and/or English 232; those considering a major or minor in English should take English 248 as early in their college careers as possible. English 113 or the equivalent is prerequisite to all other writing courses.

MAJORS: Students considering an English major should consult with the department chairperson, or another faculty member in the department, before beginning to take English classes, for help in deciding about the most appropriate course selections. Students preparing for careers in elementary and secondary school teaching should see the section below and consult the Department of Education Web site for detailed interpretation of major requirements for teacher certification.

A. The general English major is a minimum of 9 courses distributed as follows:

1. **English 248. Introduction to Literature.** Students are encouraged to take this foundational course as early in their studies as possible, and certainly before they enroll in 300-level courses.
2. **English 231. Western World Literature I.** IDS 171 may be substituted for English 231.
- 3-5. Three four-credit courses, numbered 295 and higher, in literature before 1850. **English 301. British Literature I, English 305. American Literature I,** and other designated 300 level courses fulfill this requirement.

*Sabbatical Leave, Fall Semester 2008

ENGLISH

6-9. Four four-credit electives in literature or literary theory, numbered 295 or higher (a 200- or 300-level creative writing workshop may substituted for one of these literature courses). **Note:** At least two of courses 3-9 must be in British literature and at least two in American literature.

Students considering GRADUATE STUDY IN LITERATURE should include Shakespeare and History of the English Language among their elective courses. They should take additional upper-level courses so that their majors will total at least 44 credits and should participate in the departmental Honors Program. They should elect **English 480. Contemporary Literary Theory** and **English 495. Advanced Studies** among their courses for the major, and courses in history and in ancient and modern philosophy as cognate courses.

Students considering CAREERS IN WRITING AND EDITING should take **English 213. Expository Writing II** and **English 360. Modern English Grammar**, and should consider doing at least one internship, either with a local employer or non-profit agency, or as part of an off-campus program. Consult with Professor Klooster, the department coordinator for internships, early in your college career, to begin plans for including an internship in your academic program.

For other kinds of professional preparation (e.g., business and industry, prelaw, preseminary, foreign service, librarianship) the specific recommendations in English are less prescriptive and students should, with their advisor's help, tailor a program to their own needs. Internship programs are also available for English majors having specific career interests such as journalism, librarianship, and business. The student may work part-time or full-time for a semester or during the summer on such programs, either in Holland or elsewhere. For information, consult the department chairperson, Professor Klooster.

Intermediate proficiency in a foreign language is valuable for all English majors and is essential for those proceeding to graduate study in the field. Classical Mythology (Classics 250) and courses in philosophy and in American and English history are strongly recommended for all English major and minors as cognate courses. Individual students will find that off-campus study and/or internships will play important roles in their programs.

B. The English major for secondary teaching is a minimum of 9 courses distributed as follows:

1. **English 248. Introduction to Literature.** Students are encouraged to take this foundational course as early in their studies as possible, and certainly before they enroll in 300-level courses.
2. **English 231. Western World Literature I. IDS 171. Cultural Heritage I** may be substituted for English 231.
- 3-5. Three of the following four courses: **English 301. British Literature I, English 302. British Literature II, English 305. American Literature I, English 306. American Literature II.**
- 6-7. Two four-credit courses in literature, numbered 295 or higher.
8. **English 375. History of the English Language** or its equivalent, or **English 360. Modern English Grammar.**
9. A writing course numbered above 113, chosen from **English 213. Expository Writing II, or English 279. Writing for Teachers**, or a creative writing course. Note: At least two of 3-7 must be courses dealing primarily with literature before 1850. At least two of 3-7 must be in British literature and at least two in American literature. **English 380. Teaching of Secondary School English** is required by the Department of Education for secondary certification.

ENGLISH

C. The English major for elementary teaching is a minimum of 9 courses distributed as follows:

1. **English 248. Introduction to Literature.** Students are encouraged to take this foundational course as early in their studies as possible, and certainly before they enroll in 300-level courses.
2. **English 231. Western World Literature I. IDS 171. Cultural Heritage I** may be substituted for English 231.
- 3-4. Two of the following four courses: **English 301. British Literature I, English 302. British Literature II, English 305. American Literature I, English 306. American Literature II.**
- 5-6. Two four-credit courses in literature, numbered 295 or higher.
7. **English 373. Literature for Children and Adolescents** or **English 375. Ethnic American Literature for Young People.**
- 8-9. Eight credits in writing courses above 113, chosen from **English 213. Expository Writing II**, or **English 279. Writing for Teachers**, or **English 360. Modern English Grammar**, or creative writing courses. Note: At least two of 3-7 must be courses dealing primarily with literature before 1850. At least two of 3-7 must be in British literature and at least two in American literature.

D. The English major with a creative writing emphasis is a minimum of 10 courses distributed as follows:

1. **English 248. Introduction to Literature.** Students are encouraged to take this foundational course as early in their studies as possible, and certainly before they enroll in 300-level courses.
2. **English 231. Western World Literature I. IDS 171. Cultural Heritage I** may be substituted for English 231.
- 3-5. Three four-credit literature courses, numbered 295 and higher, at least one of which is to be in literature before 1850; at least one must be in British literature and at least one in American literature.
- 6-9. Four creative writing courses: 6) one at the 200 or 300 level, 7) another at the 200 or 300 level in a different genre; 8) one at the 300 or 400-level; 9) a 400-level writing workshop
10. **English 480. Contemporary Literary Theory**; another 400-level creative writing workshop; **English 493. Individual Writing Project**; or **English 495 Advanced Studies**

Students considering GRADUATE STUDY IN CREATIVE WRITING should include English **480. Contemporary Literary Theory** among their elective courses. They should take additional upper-level literature and writing courses so that their majors will total at least 44 credits and should participate in the departmental Honors Program.

MINORS IN ENGLISH:

- A. **The general minor** (minimum of 21 credits) consists of: 1. 248; 2. 231 (recommended) — IDS 171 may be substituted, with two credits counted toward English; 3. a writing course above English 113; 4. 12 credits of literature courses numbered 295 or higher. Minor declaration forms are available from the Department of English and from the Registrar's Office. For further details consult the advisor for English minors, Myra Kohsel, Lubbers 321.
- B. **The teaching minor** consists of 24-26 credits, numbered 200 or above, distributed as follows: 1. 213, 279, or 360; 2. 248; 3. 231 (recommended) — IDS 171 may be substituted, with two credits counted toward English; 4. 302; 5. 306; 6.

ENGLISH

electives in literature or writing to bring the total credits to at least 24. Methods of Teaching English (English 380) may be credited toward an English minor. It is required if English is the field chosen for student teaching; if student teaching is in another field, English 380 is strongly recommended as an elective. Minor declaration forms are available from the Department of English and from the Registrar's Office. For further details, consult the advisor for English minors, Myra Kohsel, Lubbers 321.

- C. **The writing minor** consists of a minimum of 18 credits of courses on writing, not including English 113. If arrangements are made in advance, credit toward the writing minor can also be given for internships which involve a significant amount of writing or editing, and for courses in other departments which involve internship-type experience and a significant amount of writing. Students should be aware that the writing minor is not approved for teacher certification by the state. Because of the importance of directed experience in writing, students pursuing this minor are strongly encouraged to write for campus publications, take part in the visiting writers series, and/or work on the staff of the Academic Support Center. Minor declaration forms are available from the Department of English and the Registrar's office. Further details and advice about course selection, particularly arrangements for securing English credit for internships in other departments, may be obtained from the advisor for English minors, Myra Kohsel, Lubbers 321. Courses counted toward a writing minor may not also be counted toward an English major, an English minor, or an English-Communication Composite major.

HONORS PROGRAM

The departmental Honors Program is intended to challenge majors to go beyond the minimum requirements by taking extra courses, developing an individual reading program, attending department colloquiums, and thinking about literature. In addition, the Honors Program is intended to foster intellectual exchange among students and faculty. Detailed information and application forms are available from the department chairperson, Professor Klooster. Early application, even in the freshman year, is encouraged.

Academic Support Center

A full description of this no-fee service is given on pages 48-49.

010. Academic Support Center — Individual assistance is offered daily at scheduled times to help students improve writing skills, study skills, and reading rate and comprehension. Students may seek these services voluntarily, be referred to the Center by one of their teachers, or even be required for a particular course to do work in the Center. In the last instance, students register formally for English 010. *Non-Credit*

English for Non-Native Speakers

102. English for Non-Native Speakers II — An advanced course designed to increase a student's English proficiency in all skill areas. Sometimes required of foreign students before taking English 113. Three lectures, two laboratories per week. Hours may be increased upon consultation with the chairperson of the Department of English and the instructor. By placement. *Four Credits Fall Semester*

ENGLISH

Writing

113. Expository Writing I — A course designed to encourage students to explore ideas through reading, discussion, and writing. The emphasis is on development of writing abilities. The area of exploration varies with individual instructors. Consult department for current list. Typical topics include Questions of Identity, Critical Thinking about the Future, Crime and Punishment, C.S. Lewis, Pop Culture, The Body Shop, Misfits, Voices from the Margins. May be repeated for additional credit, with a different subject matter. Not counted toward an English major or minor.

Four Credits Both Semesters, July Term

154. Introduction to Creative Writing: Fiction — An exploration of the elements of narrative technique. No prior experience in fiction writing is assumed. Investigates characterization, plot, setting, scene, detail, and point of view.

Two Credits Spring Semester

155. Introduction to Creative Writing: Poems — An exploration of the practice of writing poetry. No prior experience in poetry writing is assumed. Investigates a variety of approaches to the composition of a poem and such elements of poetry as image, rhythm, line, sound, pattern, and structure.

Two Credits Fall Semester

213. Expository Writing II — A course designed to further the student's ability to write effective expository prose. For students in any discipline. Prerequisite: English 113 or waiver of English 113 requirement.

Two Credits Both Semesters

214. Workplace Writing — A course designed to further the student's ability to write the types of expository prose appropriate to business, business administration, and technical fields. Prerequisite: English 113 or waiver of English 113 requirement.

Two Credits Both Semesters, May Term

254. Creative Writing: Fiction — An introduction to the techniques of fiction writing. No prior creative writing experience required. Includes practice in the writing process, point of view, characterization, plot, setting, theme, and voice.

Four Credits Both Semesters

255. Creative Writing: Poems — An introduction to the practice of writing poetry. Includes a variety of approaches to the composition of a poem as well as the elements of poetry: image, rhythm, line, sound, pattern, form, and structure.

Four Credits Both Semesters, May Term

257. Creative Writing: Plays — An introduction to the art of writing for the stage. Includes work on selected special problems of the playwright: scene, dialogue, structure, and staging. Offered jointly with the Department of Theatre. Alternate years, 2007.

Four Credits Spring Semester

258. Creative Writing: Nonfiction — An introduction to the art of writing the contemporary literary essay. Includes work on style, structure, audience, and critical thinking and reading in essays by a broad range of writers. Topics may include humor, commentary, opinion, personal observation, autobiography, argument, social criticism, occasional essay.

Four Credits Both Semesters

259. Creative Writing: Satire — An introduction to the techniques of satire. Designed to sharpen wits and writing skills, to educate and entertain, and to familiarize students with satiric masterpieces and their own potential to contribute to this humorous genre. Alternate years.

Four Credits

279. Writing for Teachers — An introduction to the basic techniques of writing intended especially for prospective teachers. Topics include writing practice, short fiction, poetry, evaluating creative writing, publication, curriculum development, and

ENGLISH

nonfiction writing. Includes attention to the student's understanding of his or her own writing process. *Four Credits Both Semesters, May Term*

354. Intermediate Creative Writing: Fiction — Intensive study of and practice with the techniques of fiction. Includes extensive reading in contemporary fiction. Students revise and complete a series of short works or one longer work. Prerequisite: English 254 or equivalent. Permission of instructor required.

Four Credits Both Semesters

355. Intermediate Creative Writing: Poems — Intensive study of and practice with the techniques of poetry. Students write and critique poems, discuss poems in light of current issues, and practice selection and preparation of poems for publication. Prerequisite: English 255 or equivalent. Permission of instructor required.

Four Credits Both Semesters

358. Intermediate Creative Writing: Nonfiction — Intensive study of and practice with the techniques of the personal narrative essay. Includes attention to style, structure, audience, and critical thinking. Students complete three to four narrative essays and prepare them for publication when appropriate. Prerequisite: English 258 or 254 or equivalent. Permission of instructor required.

Four Credits Fall Semester

359. Internship In English — A closely supervised practical experience in a professional setting for upper class English majors and minors. Internships may be taken by individual arrangement through the department with a local host company or agency, or as part of The Philadelphia Center, the Chicago Semester, the New York Arts or the Washington Semester programs. At the discretion of the department, up to four credits may be applied toward the student's major or minor requirements; otherwise, the credits (up to a total of eight) will constitute elective credits within the department. The general guideline for credit is 3 hours per week for a semester for each credit. Normally taken on a pass/fail basis.

One to Eight Credits Both Semesters

360. Modern English Grammar — A cumulative study of the conventions governing spoken and written Standard English, designed to model creative learning strategies that are easily adaptable for future teachers, and to develop editing and writing skills in addition to mechanical competence.

Four Credits Both Semesters, May Term

389. GLCA Arts Program — IDS 389 may be awarded up to sixteen credits of English at the discretion of the department. The Great Lakes Colleges Association, Inc. Arts Program, presently based in New York City, involves the student in a full semester study of and involvement in the arts. At the discretion of the department, a portion of the credits earned in this semester may be applied toward the student's major requirements. Otherwise, the credits will constitute elective credits within the department.

Sixteen Credits (Maximum) Both Semesters

454. Advanced Creative Writing: Fiction — A workshop for students with demonstrated ability and commitment to the craft of writing fiction. Students write and edit three or four pieces of fiction. A revised story of publishable quality is expected by the end of the semester. Prerequisites: English 354 or equivalent, a writing sample, and permission of the instructor.

Four Credits Spring Semester

455. Advanced Creative Writing: Poems — A workshop for students with demonstrated ability and commitment to the craft of writing poetry. Students develop a focused project and complete a 20- to 30-page chapbook. Class sessions spent in

ENGLISH

critique and discussion of issues pertinent to each student's project. Prerequisites: English 355 or equivalent, a writing sample, and permission of the instructor.

Four Credits Spring Semester

293, 393, 493. Individual Writing Project — An independent, student-designed writing project culminating in a significant and complete body of creative or expository writing. May be repeated for additional credit with a different project. Prerequisite: departmental acceptance of application (forms available in department office).

Two to Four Credits Both Semesters

Literature

231. Literature of the Western World I — Masterpieces of Western literature through the Renaissance. Meets part of the Cultural Heritage requirement.

Four Credits Both Semesters

232. Literature of the Western World II — Masterpieces of Western literature since the Renaissance. Meets part of the Cultural Heritage requirement. 231 is not a prerequisite.

Four Credits Both Semesters

248. Introduction to Literature — An introduction to college-level study of literature. English 248 explores a variety of texts from different genres. The course is designed to increase students' skill and confidence in reading literature (especially the close reading of poetry and prose), to practice the interpretation of texts through representative contemporary critical methods, and to enhance students' enjoyment of reading, discussing, and writing about literature. Open to all students. It, or an equivalent experience, is required of English majors and minors, and language arts composite majors.

Four Credits Both Semesters, May Term

295. Special Topics — A topic in literature, writing, or language not covered in the regular course listings and intended particularly for the general liberal arts student. May be repeated for additional credit in a different field of study.

Two to Four Credits Offered Occasionally

301. British Literature I — A historical and cultural study of British literature from the Middle Ages to the late eighteenth century. Focuses on major works and authors (e.g., *Beowulf*, Chaucer, *Sir Gawain and the Green Knight*, Marie de France, Sidney, Spenser, Shakespeare, Donne, Herbert, Milton, Behn, Swift, Pope, Johnson, Austen) and major genres, forms, and literary movements (e.g., epic, romance, the sonnet, devotional poetry, drama, prose, fiction, satire).

Four Credits Both Semesters

302. British Literature II — A historical and cultural study of British and Commonwealth literature from the Romantic Period to the present. Focuses on major works and authors (e.g., Blake, Wordsworth, Wollstonecraft, Keats, Browning, E. Bronte, Shaw, Yeats, Joyce, Woolf, Beckett, Lessing, Achebe, Heaney, Coetzee, Rushdie) and major genres, forms, and literary movements (e.g., poetry, drama, fiction, Romanticism, Victorian Age, Modernism, Post-Colonial Literature).

Four Credits Both Semesters

305. American Literature I — A historical and cultural study of American literature from colonization through the Civil War. Focuses on major works and authors (e.g., Cabeza de Vaca, Bradstreet, Wheatley, Franklin, Irving, Douglass, Poe, Thoreau, Melville, Hawthorne, Whitman, Dickinson, Stowe) and major genres, forms, and literary periods (e.g., autobiography, poetry, short stories, the Enlightenment, Transcendentalism, Sentimentalism).

Four Credits Both Semesters

306. American Literature II — A historical and cultural study of American literature from the Civil War to the present. Focuses on major works and authors

ENGLISH

(e.g., Twain, Chopin, S. Crane, Cather, W.C. Williams, Stevens, O'Neill, Faulkner, T. Williams, Morrison, Kingston, Brooks, Ginsberg, Rich, Erdrich, Cisneros) and major genres, forms, and literary movements (e.g., essays, poetry, short stories, Realism, Modernism, Postmodernism). *Four Credits Both Semesters*

371. Historical Connections — An examination, using a comparative model, of how literature, over time, reflects and records intellectual, perceptual, and aesthetic changes. Recent topics include The Middle Ages and Medievalism; Country Life and Its Literature; Arthurian Literature; Walt Whitman's America; American Conversion Narratives, 1620-1970; Literature and the American Environment; Donne and Milton; Women on Trial; The House of Gothic; Medieval Romance. May be repeated for additional credit with a different topic. *Two or Four Credits Both Semesters*

373. Literary Forms and Reformulations — An examination of how literature interrogates and revises received traditions. By focusing on sequences of works, juxtaposed works, or the works of a single author, it examines imitations, critiques, and transformations within formal literary categories and within canons. Recent topics include History and Development of the Short Story; Contemporary Women's Poetry; From Page to Screen: Contemporary Literature and Film Adaptation; The Liar in Literature; Chaucer's *Canterbury Tales*; War Stories; ReWritings; On the Road - The Travel Narrative in American Literature; Telling Lives - Studies in Women's Autobiographical Prose. Two topics are offered every semester: 1. Shakespeare, 2. Literature for Children and Adolescents. May be repeated for additional credit with a different topic. *Two or Four Credits Both Semesters*

375. Language, Literature, and Social/Cultural Difference — An examination of literary works as cultural artifacts, examining how they not only record and reflect the dynamics of social and cultural difference but also influence or resist change. Under investigation will be conflicts and modifications in cultural identification, how literature draws upon the lives and times of its authors, and how race, class, gender, and other forms of difference generate social and cultural tensions and express and embody them in literature. Recent topics include African Literature; Religion, Race and Gender in the Literature of Antebellum America; Shakespeare's Sisters; Salinger and Potok; Romanticism and Revolution; The Latina/o Novel; Culture and 19th-Century American Novels; "American" Autobiography; Sentimental Fictions; Banned Books; Literature in an Anxious Age (1865-2003). Three topics are offered annually: one dealing with ethnic American literature (Fall), History of the English Language (Fall), and African American Literature (Spring). May be repeated for additional credit with a different topic. *Two or Four Credits Both Semesters*

395. Studies in English — An author or authors, genre, or special topic, usually in British or American literature. May be repeated for additional credit in a different field of study.

Two to Four Credits (One or Two Credits During August Term) Offered Occasionally

480. Introduction to Literary Theory — A chronological survey of major 20th-century theoretical approaches to literature. Topics include Formalism and New Criticism, Reader-Oriented Theories, Marxism, Structuralism and Poststructuralism, Feminist, Postmodern and Postcolonialist theories. Strongly recommended to students considering graduate school. Same as French 480. Prerequisite: permission of instructor. *Four Credits Spring Semester*

ENGLISH

Teaching

380. Teaching of Secondary School English — A study of and experience in applying methods of teaching grammar, discussion, literature, and composition in the secondary school. Required for Secondary Certification. Recommended with an English minor as well as a major. Should be taken after or concurrently with Education 360, and before student teaching. *Four Credits Both Semesters*

385. Summer Seminars: Teaching — A one-week study of methods of teaching primary or secondary English in one of these areas: grammar, discussion, literature, composition. Intended for prospective and practicing teachers. This workshop is not a substitute for English 380, Teaching of Secondary School English. Individual course titles will be announced by mid-April of each year. *One or Two Credits Summer Only*

Readings and Research

290, 390, 490. Individual Study — An individual research project, investigating some topic in depth and culminating in a paper that demonstrates literary scholarship and independent thought. May be repeated for additional credit, with a different project. Not limited to the senior level. Prerequisite: departmental acceptance of application (forms available in department office). *Two to Four Credits Both Semesters*

495. Advanced Studies — A seminar in a field designated by the instructor. Preparation and presentation of research papers are central to the course. Prerequisite: previous work in or related to the topic of the seminar; students are urged to consult the instructor if they are doubtful about the nature and quality of their previous work. May be repeated for additional credit in a different field of study. Recent offerings include Jane Austen; James Joyce; G.B. Shaw; Early English Drama Exclusive of Shakespeare; C.S. Lewis; Novels of the American West; Three Southern Writers; Shakespeare's History Plays; Renaissance Poetry; Irish and Scottish Women Writers; Walt Whitman's America; Shakespearean Comedy. *Four Credits Fall Semester*

299, 399, 499. Readings in Literature — Designed to fill in gaps in knowledge of important authors and works and of major trends and patterns. Readings under tutorial supervision of an instructor assigned by department chairperson. May be repeated for additional credit in a different field of study. Prerequisite: departmental acceptance of application (forms available in department office). *Two to Four Credits Both Semesters*



Faculty: Mr. Bouma-Prediger, Acting Director; Mr. Bodenbender, Mr. Brown, Mr. Gruenler, Mr. Hansen*, Mr. Holmes, Mr. Lunn, Mr. Murray, Mr. Nemeth, Mr. Pannacker, Mr. Peaslee, Mr. Peterson, Mr. Seymour, Ms. Stewart, Ms. Ten Haken, Ms. Winnett-Murray.

The goals of the environmental studies program are to: 1) increase understanding of how the world as a bio-physical system works, foster awareness of the earth's vital signs, and sharpen the ability of students to understand the nature and results of science; 2) encourage a critical understanding of the various historical, political, economic, ethical, and religious forces that have shaped and continue to shape our world; 3) nurture an ecological frame of mind which is willing and able to see things whole and thus resist the narrow specialization that can blind us to the connections between disciplines and bodies of knowledge; 4) cultivate people who have sufficient knowledge, care, and practical competence to live in an ecologically responsible way; 5) provide opportunities for students to explore the connections between environmental issues and different religious and philosophical traditions, and to encourage students who are Christian to reflect on their faith and its vision of shalom.

The environmental studies minor consists of 7 required courses totaling 24 credits. Two from a particular set of 4 GEMS courses are required, in addition to an introductory course on the nature of science. Beyond the introductory level, Environmental Public Policy (also required for environmental science students) introduces students to environmental regulations, economics, and politics. This course presumes students have had macroeconomics. In addition, at the upper level students must take either American Literature and the Environment or Environmental Philosophy and History. Applied Environmental Ethics serves as a capstone seminar course in which much of the previous learning is put to use in actual case studies. An internship, preferably done senior year, is the final required course. Also, there are a number of flagged general education courses that may be of special interest for environmental studies students.

The program presumes a student is not majoring in one of the natural sciences. For students who do major in one of the natural sciences, the environmental studies science courses may be waived. For a student who decides to minor in both environmental science and environmental studies, such a double minor does not constitute a major.

I. REQUIRED COURSES (7 courses, 24 credits)

1. GES 150. Science for Environmental Studies (2 credits)

- topics: the nature of science, with examples taken from human population, extinction and biodiversity, pollution and waste, global climate change
- instructors: Bodenbender, Hansen, Peaslee
- co/prerequisite: none

2. Choose two from the following four courses

GEMS 152. The Atmosphere and Environmental Change (4 credits)

- topics: atmosphere, weather, local pollution, acid rain, climate change, ozone depletion, storms, droughts, floods
- instructors: Hansen and Peaslee
- co/prerequisite: GEMS 100. Mathematics for Public Discourse; this requirement is waived for students with Math 131

* Sabbatical Leave, Academic Year 2008-09

ENVIRONMENTAL STUDIES

GEMS 153. Populations in Changing Environments (4 credits)

- a) topics: population growth and dynamics, ecology, evolution, species interactions, biodiversity, conservation
- b) instructor: Winnett-Murray
- c) co/prerequisite: GEMS 100. Mathematics for Public Discourse; this requirement is waived for students with Math 131

GEMS 157. The Planet Earth (4 credits)

- a) topics: atmosphere, hydrosphere, biosphere, geosphere and their interactions
- b) instructor: Peterson
- c) corequisite: none

GEMS 160. The Chemistry of Our Environment (4 credits)

- a) topics: matter, thermodynamics, groundwater pollution, chemical manufacturing and recycling
- b) instructor: Seymour
- c) co/prerequisite: GEMS 100. Mathematics for Public Discourse; this requirement is waived for students with Math 131

3. GES 310. Environmental Public Policy (4 credits)

- a) topics: federal lands, intergovernmental relations, agency law, comparative institutions, US environmental regulations, applied macro-economics
- b) instructors: Holmes, Lunn, Peterson
- c) prerequisites: Econ 211. Macroeconomics, science core

4. Choose one from the following two courses

English 371. American Literature and the Environment (4 credits)

- a) topics: classic and contemporary texts in environmental literature, e.g., Edward Abbey, Mary Austin, Annie Dillard, Aldo Leopold, Barry Lopez, Henry David Thoreau, Walt Whitman
- b) instructor: Pannacker
- c) prerequisites: cultural heritage core

ES 377. Environmental Philosophy and History (4 credits)

- a) topics: classic and contemporary texts in environmental philosophy and history, e.g., Wendell Berry, Rachel Carson, Aldo Leopold, John Muir, Sigurd Olson, Holmes Rolston, Lynn White, as well as secondary studies by Callicott, Nash, Oelschlaeger, Ponting, Worster
- b) instructor: Bouma-Prediger
- c) prerequisites: cultural heritage core

5. GES 395/Religion 369. Applied Environmental Ethics (4 credits)

- a) topics: application of environmental science, public policy, and ethics to local case studies, e.g., Holland area air pollution, sand mining along Lake Michigan, leaking underground storage tanks, agricultural runoff in Macatawa watershed
- b) instructors: Bouma-Prediger, Peterson
- c) prerequisites: science core, religion core

6. ES 499. Internship (2 credits)

- a) topics: application of learning from previous courses in a work setting, e.g., business, non-profit organization, governmental agency, educational institution
- b) instructors: ES director and site supervisor
- c) prerequisites: GES 150, 2 from GEMS 152/153/157/160, GES 310
co/prerequisites: GES 395, English 371 or ES 377

ENVIRONMENTAL STUDIES

II. ADDITIONAL COURSES IN THE CORE CURRICULUM

(flagged courses)

IDS 100. First Year Seminar (2 credits)

a) topics: will vary depending on the section

b) instructors: Bahle, Bouma-Prediger, Hansen, Murray, Peaslee, Peterson, Winnett-Murray

c) prerequisite: none

Religion 100. Earth and Ethics (2 credits)

a) topics: space and place, worldviews, state of the planet, cultural analysis, Christian and non-Christian religions, Bible and ecology, ecological virtues

b) instructor: Bouma-Prediger

c) prerequisite: none

English 113. Expository Writing (4 credits)

a) topics: will vary depending on the section

b) instructors: Douglas, Gruenler, Klooster, Mezeske

c) prerequisite: none

Religion 369. Ecological Theology and Ethics (4 credits)

a) topics: ecological degradation, basic environmental history, Bible and ecology, earthkeeping themes in theology, ecological duties and virtues, ecological ethics, wilderness preservation

b) instructor: Bouma-Prediger

c) prerequisites: religion core and permission of instructor

IDS 467. God, Earth, Ethics (4 credits)

a) topics: worldviews and worldview analysis, state of the planet, basic environmental science, Bible and ecology, ecological ethics theory, applied environmental ethics

b) instructor: Bouma-Prediger

c) prerequisites: all core completed and senior status



A minor in ethnic studies is designed to introduce students to critical methodologies and scholarly approaches to understanding the diverse historical and cultural issues relating to ethnicity in the United States. At a time when America is becoming increasingly multicultural and when Americans are increasingly aware of the values of multiculturalism, participants in a minor in ethnic studies, both faculty and students, are encouraged to gain and develop skills to research, analyze, and reflect on the heritage of ethnic cultures in America. Such study will develop citizens, participants, and activists who have views of their larger mission in life and who strive daily, both locally and globally, in the pursuit of justice and equality.

A minor in ethnic studies consists of 24 credits:

12 credits of basic courses: IDS 210 (Intro to Ethnic Studies) – 4 credits; IDS 200 (Encounter with Cultures) – 4 credits; and 4 credits of course(s) from sociology, psychology and communication with practical, experiential, and involved materials/methodology. Possible courses: SOC 151 (Cultural Anthropology) – 4 credits; PSY 295 (an appropriate variant of Studies in Psychology) – 2 credits; SOC 269 (Race and Ethnic Relations) – 2 credits; COM 371 (Intercultural and Gender Communication) – 4 credits.

After a student has completed the basic courses, she/he will choose an emphasis in Studies in the Americas or African and African-American Studies. Students will take 4 credits in a course or courses with a global perspective and 8 credits in courses with an American perspective. Students will coordinate their emphasis with the director of ethnic studies.

Studies in the Americas Emphasis

ENGL 375	U.S. Latino Literature	Montaño
HIST 362	U.S. Immigration History	Petit
POL 262	Latin American Politics	Dandavati
PSY 305	Latino Child (2 credits)	Jarvis
REL 369	Latino Theology	
SPAN 344	Modern Hispanic American Literature	André

African and African-American Emphasis

ENGL 375	African Literature	B. Mezeske
ENGL 375	African-American Literature	Hemenway/Young/Jeffrey
HIST 280/310/312	African History	
HIST 295	African American History	Johnson
HIST 351	Slavery and Race	Johnson
SOC 312	Urban Sociology	Nemeth
SOC 356	Social Movements (2 credits)	Swanson

In addition it is recommended that students take as their last course an independent study project or internship. The independent study should be an in-depth study of an ethnic group (preferably one involving the emphasis chosen by the student). The internship should be one in which students are immersed in a minority culture or in an issue surrounding a “minority experience.” The internship could involve an analysis of the institution where the internship takes place from the perspective of race, class, and/or gender. The internship could involve The Philadelphia Center, the Chicago semester, or Borders Program. It also could involve a placement in the West Michigan area. The projects/internships will be approved by the ethnic studies program director.

GENERAL EDUCATION MATHEMATICS AND SCIENCE



Coordinator: Kathy Winnett-Murray (Biology)

The general education requirements for natural science are met by taking a minimum of 10 credits in the division, at least four of which must be a lab-based natural science course and at least two of which must be in mathematics. It is anticipated that most students majoring in the natural sciences or mathematics will accomplish this by taking department courses. However, for the students not majoring in natural science or mathematics, GEMS are courses designed to fulfill their natural science general education requirements. The purpose of these courses is to build an understanding of the scientific and mathematical ways of knowing about the world appropriate for an educated person living in a scientific and technical age. GEMS courses fall into three categories: mathematics courses; four-credit, interdisciplinary, laboratory-based science and technology courses; and two-credit topical science and technology courses. Hope College has been nationally recognized for its GEMS program by the American Association of Colleges and Universities and support for these courses has been provided by the National Science Foundation.

Mathematics Courses (GEMS 100-149)

Mathematical thinking and reasoning permeate our society. GEMS mathematical courses are designed to expose students to both the power and limitations of mathematics, particularly of mathematical modeling. Each course will focus on at least one of the two ways in which quantitative information is frequently conveyed: statistics and graphs. These courses are designed to broaden a student's perception of the nature of mathematics as an ongoing endeavor, as well as to give him or her a sense of the historical roots of significant mathematical discoveries. Above all, through these courses students should gain a sense of the aspects of mathematics which make it unique as a "way of knowing."

100. Understanding Our Quantitative World — This is a two-credit, half-semester course whose main emphasis is on the ability to critically interpret mathematical information commonly found in public discourse and positions of responsibility and leadership. The topics will include simple functions, graphs and their interpretation, and statistics. Examples incorporating mathematical arguments will be taken from a wide variety of fields including social science, sports, finance, environmental issues, education and health. The TI-83 graphing calculator will be required.

Two Credits Staff (Mathematics) Both Semesters

105. Nature of Mathematics — This is a two-credit, half-semester course whose main emphasis is the discussion and exploration of the "great ideas" in mathematics, particularly those that have occurred in the last 100 years. The format of the course will be primarily discussion and lecture, with some group activities. Topics include mathematical puzzles, patterns within numbers, bar codes and secret codes, the concept of infinity, and chaos and fractals.

Two Credits Staff (Mathematics) Both Semesters

Four-Credit Interdisciplinary Science and Technology Courses (GEMS 150-199)

Natural scientists study the physical world and propose answers to questions which are tested against reproducible direct observations or experiments. All scientific studies share some approaches, which are commonly referred to as the scientific method. However, because there are many different approaches employed in answering scientific questions, it is probably more useful to think in terms of scientific methods rather than a single method. The four-credit science and technology courses are interdisciplinary so that students will employ several of these scientific ways of

GENERAL EDUCATION MATHEMATICS AND SCIENCE

knowing, yet experience the nature of scientific inquiry common to all disciplines. These courses have both laboratory and classroom components, and include out-of-class readings and library-based research.

151. Science and Technology for Everyday Life — Modern society would not exist without the aid of technology. We depend upon technological devices for communication, food production, transportation, health care and even entertainment. This course focuses on the wide variety of technology used in everyday life. The objective is to develop a familiarity with how various technological devices work, and to explain the basic scientific principles underlying their operation. Topics covered include: the automobile, radio, television, CD players, microwave ovens, computers, ultrasound, and x-ray imaging. Concepts from basic science are introduced as they appear in the context of technology. Laboratory projects include construction of simple objects such as radios, electric motors, and a musical keyboard.

Four Credits Krupczak (Engineering) Both Semesters

152. The Atmosphere and Environmental Change — Storms, droughts, heat waves, and cold snaps make us all aware of how the atmosphere impacts human beings. Recent concerns about the greenhouse effect, climate change, pollution, and ozone depletion have made us more aware of how human beings impact the atmosphere. The subject matter of this course is the effect of the atmosphere on people and of people on the atmosphere. Subjects will include the basics of the atmosphere and weather, local pollution, acid rain, climate change, ozone depletion, storms, droughts, and floods. GEMS 100 (Mathematics for Public Discourse) is a co- or pre-requisite; this requirement is waived for students who have received college credit for Math 126 or Math 131.

Four Credits Hansen (Geol. & Env. Sci.) and Peaslee (Chem.) Fall Semester

153. Populations in Changing Environments — In this investigation-based course students will explore the biological principles of population growth and dynamics, extinction and evolution, species interactions, biodiversity and conservation. Topics are studied within an environmental context using quantitative and experimental approaches. GEMS 100 is a co- or pre-requisite; this requirement is waived for students who have received college credit for Math 126 or Math 131.

Four Credits Winnett-Murray (Biology) Fall, Every Few Years

154. Stars and Planets — A survey of planetary geology in our solar system, of stellar formation and evolution, and of galaxies of the physical universe. We will discuss what is known and how the knowledge is obtained. Topics include the telescope, Earth-Moon system, terrestrial and gaseous planets, the Sun, types of stars and their intrinsic properties, the H-R diagram, pulsars, neutron stars, black holes, galaxies, and cosmology. The course will include in-class cooperative assignments, lecture, homework and a laboratory. Various laboratory exercises include building a simple telescope and observing with it, learning and observing the constellations, weather and geology of the planets, observing Jupiter and measuring its mass and the masses of the four brightest moons, observing a cluster of stars and making a H-R diagram, a pulsar model, classification of galaxies, and Hubble's law.

Four Credits Gonthier (Physics) and Bodenbender (Geol. & Env. Sciences)

155. History of Biology & Lab — Students will consider the historical development of biological knowledge from ancient times to the present. The lab will offer opportunities to recreate crucial experiments from the past, and we will then consider their historical and philosophical impact. Students will investigate the history of biology from a broad interdisciplinary perspective. While the scope of the course will be broad, it will focus on the development of biology in the 19th century when

GENERAL EDUCATION MATHEMATICS AND SCIENCE

Darwin, Pasteur, Bernard, Mendel, and others were laying the groundwork of modern biology. Pre-requisite: Completion of four credits of the cultural heritage requirement.

Four Credits Cronkite (Biology) Every Few Years

157. The Planet Earth — An introduction to the scientific study of the planet on which we live. This course emphasizes the study of the major Earth systems (atmosphere, hydrosphere, biosphere and solid Earth) and the interactions between them. Particular attention is given to the subject of environmental change and the implications for our future. One or two Saturday morning field trips are required. Cross-listed as GES 100.

Four Credits GES Staff Both Semesters

158. Human Biology in Health and Disease — Despite our differences, each of us has a body that functions to keep us alive. This course examines the structure and function of the human body from investigative and interdisciplinary perspectives. We will consider how the various organ systems work to maintain life and the ways in which the functions of these systems can be compromised by disease. Participants will explore how scientific methods are used to learn about the biology of humans. In addition to more traditional laboratory exercises, teams of students will design, carry out, and report on a laboratory project related to human biology. This course should be well-suited for students majoring in social work and other areas where a general understanding of human biology would be useful, as well as for students interested in learning more about human biology under normal and pathological conditions.

Four Credits Barney (Biology) Spring Semester

160. The Chemistry of Our Environment — This course will look at how chemistry, which is the study of matter and its changes at the molecular level, serves as the basis for understanding and predicting how our technological society impacts the environment in which we live. Basic chemical principles will be introduced and serve as building blocks to explain environmental phenomena we encounter in our everyday life. Laboratory investigations of environmental processes, together with case studies of environmental problems, will be used to build an understanding of the molecular nature of the world around us, and how we interact with it. Topics will include: testing for groundwater pollution, chemicals in the home, chemical manufacturing and recycling, and others. Co- or pre-requisite: GEMS 100 (Mathematics for Public Discourse) or Math 205.

Four Credits Brown, Seymour (Chemistry)

161. Biotechnology and You — This course will explore basic concepts underlying recent biomedical developments that affect your everyday life and decisions you have to make. Topics will include genetic engineering, cloning, somatic cell research, drug resistance, bioterrorism, etc. The course will focus on interpretation of the scientific information we receive through the media. The laboratory projects will be designed to expose students first-hand to the technologies discussed in class.

Four Credits Burnatowska-Hledin (Biology and Chemistry) Every Few Years

195. — A course offered in response to student and instructor interest.

Two-Credit Topical Science and Technology Courses (GEMS 200-250)

These courses build on skills acquired in the four-credit laboratory-based science courses to provide a focused experience in scientific inquiry. The two-credit courses are both topical and investigative. Students will be expected to gain a mastery of a scientific topic through hands-on investigations, and to communicate their knowledge through a variety of media. The goal of these courses is to provide models for life-long learning in science and technology by introducing students to how-to techniques for learning and mastering a particular scientific subject through inquiry. These courses meet for half a semester for up to six total hours per week.

GENERAL EDUCATION MATHEMATICS AND SCIENCE

201. Evolution of Dinosaurs — This course investigates the geological record and biology of dinosaurs. It provides an overview of current knowledge about dinosaurs as a framework for answering specific questions about their history, function, ecology, evolution, and portrayal in popular media. Case studies will examine such topics as warm-bloodedness and the evolutionary relationship between dinosaurs and birds. The course will culminate in a symposium where students present the results of library and analytical research.

Two Credits Bodenbender (Geol. & Env. Sciences) First Half of Fall Semester

204. Regional Flora and Fauna — This course will stress the identification, natural history, and ecological importance of the common plants and animals in the Great Lakes region. Students will be taking field trips to natural areas to learn about the flora and fauna first-hand. Practical aspects of natural history will be stressed such as wildlife watching, tree and wildflower identification, and insect biology. Prerequisite: any four-credit laboratory science course.

Two Credits Biology Staff First Half of Fall Semester

205. The Science of Bread-making — This course will stress biological principles associated with bread-making. Some of these include: culturing yeast, fermentation, germination, aerobic respiration, and digestion of carbohydrates. Steps in the scientific method will be emphasized. Each student or group of students must conduct a scientific experiment on some aspect of bread-making. The experiment will culminate in a formal write-up and oral presentation.

Two Credits Science Staff

206. The Night Sky — The primary goal of this course is to understand the unique features of various astronomical objects in our night sky, such as bright stars, double stars, planetary nebulae, supernova remnants, emission nebulae, globular clusters, and galaxies. Through various hands-on activities, we will understand the day-to-day and annual changes in our night sky. About a third of the course involves field work in which we are able to make observations with the naked eye and by imaging objects using the Harry F. Frissel Observatory. We will learn what a star is by exploring stellar formation and evolution. A large collection of stars form a galaxy like our Milky Way. Yet galaxies fall into different classification groups that have specific characteristics.

Two Credits Gonthier (Physics) Either Semester

295. Topics in Science — A course offered in response to student and instructor interest. Recent offerings have included Exploring Computer Science (CSCI 112), Human Genetics, and Abrupt Climate Changes.

GEOLOGICAL AND ENVIRONMENTAL SCIENCES



Faculty: Mr. Bodenbender, Chairperson; Mr. Hansen*, Mr. Peaslee, Mr. Peterson, Ms. Pinan-Llamas, Staff.

ENVIRONMENTAL SCIENCE MINOR: Our ability to modify our environment has increased dramatically over the last several centuries. A host of recent events has highlighted the negative aspects of these modifications. More and more scientists are involved in seeking solutions to environmental problems as they work to increase our understanding of the causes, processes, and consequences of environmental change.

The “typical” environmental scientist is a specialist in one of the traditional disciplines such as biology, chemistry, geology, physics, or engineering. However, he or she generally has a broad scientific understanding of environmental change that goes beyond the confines of his or her discipline, including an understanding of how environmental issues affect and are affected by politics and economics. An environmental scientist will often work in a team with professionals from other backgrounds to study and solve environmental problems.

Hope College offers an environmental science minor that helps students acquire the background they need to be successful environmental scientists. The program is based on the premise that this background should meet the following goals.

Goal #1 *A solid preparation in one of the academic majors at Hope College.*

Goal #2 *An understanding of the perspective this discipline brings to environmental science.* For this reason, students are required to take two courses within their major that have been flagged as relevant to environmental science. It is anticipated that in most cases these flagged courses will be within the student’s major and will probably also be part of the requirements for this major. The flagged courses are:

BIOL 315	(Ecology)
BIOL 343	(Plant Systematics)
BIOL 356	(Genetics)
BIOL 395	(Microbiology)
BIOL 422	(Invertebrate Zoology)
BUS 341	(Business Law)
CHEM 331/332	(Analytical Chemistry and Laboratory)
Chemistry:	a second chemistry course chosen in consultation with the chemistry chairperson
ECON 212	(Microeconomics)
ENGS 241	(Electronics I)
ENGS 346	(Fluid Mechanics)
GES 430	(Environmental Geochemistry)
GES 450	(Hydrogeology)
MATH 361/363	(Mathematical Probability and Statistics I and Lab)
MATH 362/364	(Mathematical Probability and Statistics II and Lab)
PHYS 270	(Modern Physics)
PHYS 381	Advanced Laboratory: students must take a semester which involves radiation)
Political Science	(Two courses chosen in consultation with Jack Holmes)

Goal #3 *A broad interdisciplinary understanding of environmental science.* Students receiving an environmental science minor are required to take a two-semester interdisciplinary course in environmental science. The sequence is

*Sabbatical Leave, Academic Year 2008-09

GEOLOGICAL AND ENVIRONMENTAL SCIENCES

GES 211, Earth Environmental Systems I (Fall Semester, 3 credits), and **GES 212, Earth Environmental Systems II** (Spring Semester, 3 credits).

Goal #4 *Knowledge of how environmental issues affect and are affected by politics and economics.* Students in the environmental science minor meet this goal by taking **GES 310, Environmental Public Policy** (4 credits). This is an interdisciplinary course taught by faculty in the Natural Science Division, Department of Political Science, and Department of Economics.

Goal #5 *An ability to work in a team with scientists and non-science professionals from other disciplines.* To obtain experience with technical aspects of environmental science, students are required to take **GES 220 – Laboratory Methods in Environmental Science** (2 credits). Students are also required to take **GES 401 – Advanced Environmental Seminar** (2 credits). In this capstone course they work with students and faculty from a number of disciplines to study a local environmental problem.

In summary, the environmental science minor consists of:

1. Two flagged courses which may also satisfy requirements for the student's major
2. GES 211 - Earth Environmental Systems I
3. GES 212 - Earth Environmental Systems II
4. GES 220 - Laboratory Methods in Environmental Science
5. GES 310 - Environmental Public Policy
6. GES 401 - Advanced Environmental Seminar **Environmental Science Courses**

211. Earth Environmental Systems I — This is a scientific study of our planet in terms of natural systems and their mutual interaction, with an emphasis on the modification of these systems by human activities. The emphasis in this course is on local-scale environmental problems. Subjects covered include air and water pollution, contaminant toxicology, risk assessment, soil chemistry and soil degradation. Three hours of lecture per week. Prerequisite: Chemistry 111.

Three Credits Peterson Fall Semester

212. Earth Environmental Systems II — This is the scientific study of our planet with an emphasis on global environmental problems. Subjects covered include population and demographics, basic ecological principles, biological diversity, extinction, natural resources, biogeochemical cycles, climate and climate change, and ozone depletion. Three hours of lecture per week. Prerequisite: Chemistry 111.

Three Credits Staff Spring Semester

220. Laboratory Methods in Environmental Science — This laboratory course accompanies the Earth Environmental Systems I and II courses. This class will introduce laboratory and field methods necessary to investigate the natural systems which comprise our ecosystem, and the effects of human activities on it. Sampling techniques, field identification, and common methods of chemical analysis for environmental study will be emphasized. Three hours of laboratory per week and one hour of discussion. Prerequisite: Chemistry 113.

Two Credits GES Staff Spring Semester

310. Environmental Public Policy — This course is an introductory analysis of the economic, regulatory, scientific, and political factors involved in environmental public policy. American environmental management will be viewed in terms of the interplay among economic efficiency, scientific feasibility, and the demands of the political process. Topics covered will include market forces, federal lands, intergovernmental relations, agency law, comparative institutions, U.S. environmental regulations, and technological compliance. This course is team taught by faculty from the

GEOLOGICAL AND ENVIRONMENTAL SCIENCES

Departments of Economics, Geological and Environmental Sciences, and Political Science so that students are exposed to the interdisciplinary nature of environmental public policy issues. Prerequisites: Economics 211 or Political Science 100 and the fulfillment of the college's general education science requirement. Four hours of lecture per week. *Four Credits Peterson/Holmes/Lunn Spring Semester*

401. Advanced Environmental Seminar — This is an interdisciplinary course where students with different academic majors will work in teams to research a local environmental problem. The students will work with faculty members in geological/environmental sciences, biology, chemistry, and possibly other departments in the design of a research project, the collection and interpretation of data, and the making of recommendations. This course is meant to duplicate the process by which scientists work to solve actual environmental problems and is intended as a "capstone" experience for environmental science minors. One two-hour group meeting per week. Additional times to be arranged for consultation, field and laboratory work. Prerequisite: GES 220. *Two Credits GES/Biology/Chemistry Staff Fall Semester*

GEOLOGY MAJORS AND MINORS: Because of shortages of natural resources, continuing environmental problems, and a renaissance in thinking about the way the Earth works, the geological sciences are in a "Golden Age." Today geoscientists are making important contributions to human knowledge in environmental geology, oceanography, planetology, geochemistry, geophysics, plate tectonics, and paleontology.

At Hope College student-faculty research comprises an important part of the geology program. In recent years students and faculty have been engaged in research projects such as:

- analysis of trace metals in Precambrian stromatolites from the Upper Peninsula of Michigan
- understanding ancient environments and fossils at a dinosaur site in Wyoming
- experimental investigations on the remediation of contaminated ground water
- analyzing trace element chemistry of phosphate minerals
- using buried soils to work out the geological history of coastal dunes along Lake Michigan
- the application of Geographical Information Systems to the paleontology of the Michigan Basin
- the investigation of antibiotics and hormones in local ground water and surface water
- the development of the early continental crust in southern India
- the occurrence and abundance of insects in ground water

Traditionally, the training of geologists has included a large amount of field experience. Hope College is ideally situated to study glacial geology, sedimentology, geomorphology, limnology, and environmental problems. To broaden the spectrum of field experience, students commonly take longer trips to examine the geology of other areas such as the Upper Peninsula of Michigan, the Smoky Mountains of Tennessee, and the Ohio River Valley in Indiana and Kentucky. In addition to these trips, each spring the regional geology field trip gives students the opportunity to visit and investigate the geology of a North American region. In the past, regional field trips have gone to the Southern Appalachians; the Gulf Coast; the Colorado Plateau; Big Bend, Texas; Death Valley, California; Southern Arizona; New Mexico; and the Bahamas. May and Summer trips have taken students to the Adirondack Mountains, the Pacific Northwest, the Black Hills, and the Rocky Mountains of Wyoming.

GEOLOGICAL AND ENVIRONMENTAL SCIENCES

We are well-equipped for teaching and research. In addition to many student and research petrographic microscopes, the department has a heating and cooling stage, geographical information system (GIS) computer laboratory, a new X-ray diffractometer, thin section preparation laboratory, ion chromatograph, gas chromatograph, infrared Fourier transform spectrometer, and UV-visible light spectrometer.

Because the study of the Earth is eclectic, geologists must be competent in the other natural sciences and in mathematics. Accordingly, we encourage strong minors in other sciences and composite majors with chemistry and physics.

The Department of Geological and Environmental Sciences has an established reputation of excellence. Many graduating seniors have gone directly to work in environmental consulting firms, while others have been accepted at some of the most prestigious graduate programs in the country, including the California Institute of Technology, University of Chicago, Harvard, Stanford, Princeton, and Big Ten universities.

BACHELOR OF ARTS DEGREE IN GEOLOGY: The Bachelor of Arts in Geology consists of one of the following sequences of introductory courses:

Introductory Sequence #1 GES 110: Geology in the Field (2 credits) and GES 111: How The Earth Works (2 credits) **or** **Introductory**

Sequence #2 GES 100: The Planet Earth (4 credits) and GES 111: How The Earth Works (2 credits) Together with the following courses:

- GES 203: Historical Geology (4 credits)
- 16 total credits of geology courses selected from GES 243, GES 244, GES 251, GES 252, GES 351, GES 430, GES 450, GES 453 or GES 295.
- GES 341: Regional Field Study (2 credits)
- And one year (8 credits) of ancillary science (Biology, Chemistry, or Physics)

BACHELOR OF SCIENCE DEGREE IN GEOLOGY: The Bachelor of Science in Geology consists of one of the following sequences of introductory courses:

Introductory Sequence #1 GES 110: Geology in the Field (2 credits) and GES 111: How The Earth Works (2 credits) **or** **Introductory**

Sequence #2 GES 100: The Planet Earth (4 credits) and GES 111: How The Earth Works (2 credits) Together with the following courses:

- GES 203: Historical Geology (4 credits)
- 24 total credits of geology courses selected from GES 243, GES 244, GES 251, GES 252, GES 351, GES 430, GES 450, GES 453 or GES 295.
- Two semesters of GES 341: Regional Field Study (2 credits apiece for a total of 4 credits)
- And two years (16 credits) of ancillary sciences (biology, chemistry, physics or environmental sciences) and one year (8 credits) of mathematics (Calculus preferred). Both years of ancillary science need not be in the same science. Students should choose these courses in consultation with their departmental advisors.
- Students receiving a Bachelor of Science degree are also required to work on an independent research project with a faculty mentor.

GEOLOGY MINORS A geology minor consists of at least 16 credits, not more than half of which may be numbered 203 or below.

GEOLOGY-CHEMISTRY COMPOSITE MAJOR: For additional information, please refer to pages 110-111.

GEOLOGICAL AND ENVIRONMENTAL SCIENCES

GEOLOGY-PHYSICS COMPOSITE MAJOR: This was the first composite major established in the sciences at Hope College. Both the geology-chemistry and geology-physics majors have been very successful. Students who graduate with the composite major are in great demand and have been accepted in the top graduate schools in the United States. For additional information, please turn to pages 110-111.

EARTH SCIENCE TEACHERS: The Michigan Certification Code requires that prospective high school teachers elect 30 or more credits of courses in geology for a major and 22 credits for a geology minor. Consult with the Department of Education concerning detailed requirements.

Geology Courses

100. The Planet Earth — This course is an introduction to the scientific study of the planet on which we live. This course emphasizes the study of the major Earth systems (atmosphere, hydrosphere, biosphere and geosphere) and the interactions between them. Attention is given to the subject of environmental change and the implications for our future. This course is one possible introduction to the geology major. No prerequisites. One or two Saturday morning field trips are required. Cross-listed as GEMS 157. Except in unique cases, a student may not receive credit for both GEMS 157/GES100 and GES 110. *Four Credits Staff Both Semesters*

110. Geology in the Field — This course is designed as a “hands-on” alternative to the traditional introductory survey course. Its goal is to give students direct experience with the ways scientists ask and answer questions about the Earth. Almost all of the class time will be spent in the field where students will be trained to make and record observations, develop hypotheses, and test ideas while studying the materials and processes that shape the surface of the planet. This course is one possible introduction to the geology major. One weekend field trip required. No prerequisites. A student may not receive credit for both GEMS 157/GES100 and GES 110. *Two Credits DeVries-Zimmerman First Half of Fall Semester*

111. How The Earth Works: An Introduction to Plate Tectonics — Plate tectonics is a theory that has revolutionized geology, giving the science its first coherent, widely accepted picture of how the whole Earth works. This course is designed to give students a solid understanding of the basic theory, the evidence on which it is based, and its application to subjects as diverse as earthquakes, volcanoes, mountain ranges, precious metal deposits, the topography of the sea floor and the history of life. No prerequisites. *Two Credits Pinan-Llamas Second Half of Fall Semester*

203. Historical Geology — This is an introduction to the physical and biological development of the Earth during the last 4.5 billion years. Topics include the formation of the Earth, interpretation of major events in Earth history as preserved in the rock record, and the origin and evolution of life. Three lectures and one three-hour laboratory each week. One weekend field trip is required, as may be one or more Saturday field trips. Prerequisite: an introductory geology course or permission of instructor. *Four Credits Bodenbender Spring Semester*

243. Mineralogy: Earth Materials I — This course is an introduction to the paragenesis and crystal chemistry of minerals with emphasis on the rock-forming silicates. Laboratory periods will be devoted to the study of minerals in hand samples, as well as exercises designed to help the student understand physical and chemical properties of minerals. Three lectures and one three-hour laboratory per week. One weekend field trip will be required. Prerequisite: one semester of introductory

GEOLOGICAL AND ENVIRONMENTAL SCIENCES

chemistry (may be taken concurrently) or consent of instructor.

Four Credits Pinan-Llamas Fall Semester, Even Years

244. Petrology: Earth Materials II — This is a course about mineralogical, chemical and textural characteristics of igneous, sedimentary, and metamorphic rocks. Their occurrence and petrogenesis will be discussed in terms of rock associations and relevant physical and chemical processes of formation. Laboratory sessions will be devoted to petrographic description, identification and interpretation of rocks in hand samples and microscope thin sections. A Saturday field trip is required. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: GES 243.

Four Credits Peterson Spring Semester, Odd Years

251. Surficial Geology: Earth Structures I — This is an introduction to the natural processes shaping Earth's surface. Among other topics, weathering, landform and soil development, soil mechanics, the influence of running water, moving ice and wind on Earth's surface, and people's interaction with surficial geology will be stressed. The use of maps and other geographic images will be emphasized in the laboratory and the course will include an introduction to mapping. Three lectures and one three-hour laboratory each week. Two Saturday field trips will be required. No prerequisites.

Four Credits Hansen Fall Semester, Odd Years

252. Structural Geology: Earth Structures II — This is a study of the structures formed by rock deformation, stressing geometric techniques and the concept of strain. Geological maps and cross-sections will be emphasized in the laboratory, which will include instruction on their preparation and interpretation. Three hours of lecture and one three-hour laboratory each week. One weekend field trip is required. Prerequisite: GES 251 or permission of instructor.

Four Credits Hansen Spring Semester, Even Years

341. Regional Field Study — This course is a field investigation of the general geology of an area selected by the instructor. One or more hours of lecture will be held each week prior to study in the field. The entire spring vacation or an extended period in the spring or summer will be spent in the field. Prerequisites: GES 111 and either GES 100 or GEMS 157 or GES 110 and the permission of the instructor.

Two Credits Staff Spring Semester

351. Invertebrate Paleontology — This is the study of the fossil record of the history of invertebrate life. Topics include changes in diversity during the Phanerozoic, tempo and mode of evolution, functional morphology, systematics, and paleoecology of the major invertebrate phyla. Three hours of lectures and one three-hour laboratory per week. One or more weekend field trips will be required. Prerequisite: consent of instructor.

Four Credits Bodenbender Alternate Years, Fall Semester

430. Environmental Geochemistry — The principles of physical and inorganic chemistry will be applied to geochemical systems of environmental interest. Element recycling and evaluation of anthropogenic perturbations of geochemical cycles will be examined with a strong emphasis on aqueous chemistry. Laboratory exercises will emphasize computer modeling and the analyses of natural waters by a variety of techniques. Three lectures and one three-hour laboratory each week. This is a flagged course for the Environmental Science Minor. Prerequisites: Chemistry 111, 113, 114, 121.

Four Credits Hansen/Peaslee Alternate Years, Spring Semester

450. Hydrogeology — This is a study of the geological aspects of the water cycle with an emphasis on groundwater. Topics include aquifer testing, groundwater flow, geology of aquifers, water resource management, groundwater chemistry, contamination and remediation. Three hours of lecture and one three-hour laboratory each week.

GEOLOGICAL AND ENVIRONMENTAL SCIENCES

This is a flagged course for the Environmental Science Minor. Prerequisite: consent of instructor.

Four Credits Peterson Alternate Years, Spring Semester

453. Sedimentology — This is the study of the mineralogy, petrology, occurrence, and association of the sedimentary rocks. Thin section examination, textural analysis, and field investigation of sedimentary rocks and unconsolidated sediments will be performed in laboratory. Three hours of lecture and one three-hour laboratory or field trip each week. One or more weekend field trips will be required. Prerequisite: GES 244 or consent of instructor.

Four Credits Bodenbender Alternate Years, Fall Semester

490. Special Problems — This course is designed to introduce the student to research. A research problem in an area of special interest will be nominated by the student, and approved by a faculty member who will oversee the research.

One to Three Credits Staff Any Semester

495. Study in Geology — In this course a professor guides students in scholarly readings and discussions focused on a special area of geologic interest.

One or Two Credits Staff Any Semester



Faculty: Ms. Gibbs, Chairperson; Mr. Baer, Mr. Bell, Mr. Hagood, Mr. Johnson, Mr. M'Bayo, Ms. Petit, Ms. Tseng. **Adjunct faculty:** Mr. Swierenga.

History is the study of the human past. It is the foundation for understanding how we came to be what we are. Because the record is often crowded and contradictory, history is a discipline that depends upon critical thinking and careful evaluation of evidence. These are skills that lie at the heart of liberal arts education and that are vitally important to students preparing for careers in such fields as law, government, journalism, and education.

For the student concerned with developing an in-depth knowledge of the past, and especially for the student who wants to become a professional historian, the department offers a traditional, full HISTORY MAJOR. For those wishing to teach on the secondary level, the department offers the HISTORY MAJOR FOR SECONDARY TEACHING. These majors are described in detail below.

History staff members bring varied backgrounds to their teaching. All have sustained their research interests through work in numerous foreign and domestic manuscript repositories such as the National Archives and the Public Records Office. Extended stays in Ireland, England, Germany, France, China, Senegal, Kenya and Argentina help to assure both currency in scholarship and vitality in the classroom.

History majors have been involved in the following activities:

- editor of the *Anchor*, the student newspaper
- participation in several of the off-campus programs:
 - Great Lakes Jerusalem Program
 - summer and semester study program in Vienna
 - The Philadelphia Center for study and work in the inner city
 - honors semester in Washington, D.C.
 - Newberry Library Program in the Humanities
- year of study in Japan
- a variety of local and oral history projects that afford income-earning opportunities
- internships at the Michigan Maritime Museum, the Muskegon Museum and the Smithsonian Institution.

History majors in past years have gone on to graduate schools, and into careers as professional historians both as writers and teachers. Many have gone into law and the political arena. Some have entered the ministry. The interesting careers of recent graduates of the department include:

- United States Ambassador to Iceland
- law practice
- curator of museums and archives
- administrative assistant to a U.S. Senator
- free lance feature writer, with articles in *Harpers* and *New York Times*
- historian for the U.S. Marine Corps
- editorial staff, the international beat, for a metropolitan newspaper
- bureau chief for *Time* magazine
- career foreign service officer
- managing editor of newspaper
- Rhodes Scholar
- mayor of Holland

• To accommodate the broad range of interests and career goals of its majors and other interested students, the Department of History offers two possible majors and a minor program. The department also offers a formal French/History double major.

HISTORY

I. HISTORY MAJOR: A minimum of 36 credits in history is required for a major. The distribution requirement for the 36 credits in history is as follows: History 140, one history course focused mainly on the period before 1500; one course in American history; one course in European history after 1500; one course in Africa, Middle East, East Asia, or Latin America; and a seminar in history. Students may count no more than three of the following courses toward the major or minor: HIST 130, HIST 131, HIST 160, HIST 161, and either IDS 171 or IDS 172. No more than two two-credit HIST 200 courses may be counted toward the major. Students who plan to do graduate work in history are urged to attain reading proficiency in two foreign languages. Majors planning to study mainly the history of areas other than the United States are strongly urged to spend a summer, semester, or year of study in the geographic area of their concentration. A major in ancient civilization combining work in history, classical languages, art and philosophy courses is available. Please see requirements under the Department of Classics.

II. HISTORY MAJOR FOR SECONDARY TEACHING: The history major for certification to teach in secondary schools (grades seven-12) consists of a minimum of 36 credits. Students may count no more than three of the following courses toward the major or minor: HIST 130, HIST 131, HIST 160, HIST 161, and either IDS 171 or IDS 172. Students intending to complete this major should consult with the Department of Education as they plan their schedules. The courses required for this major will meet the expectations for certification in Michigan. All students desiring secondary certification must take the following courses: HIST 140, 160, 161, 175, and 495 (16 credits). In addition they must take at least one course from each of the following areas: pre-1500, European history after 1500, and non-western history (12 credits). The remaining eight credits may be taken as electives. No more than two two-credit HIST 200 courses may be counted toward the major.

III. FRENCH/HISTORY DOUBLE MAJOR: In addition to on-campus courses in French and History, students interested in a double major in French/History should plan for a semester in Paris, Nantes, or Rennes for a concentration on France, or Dakar (Senegal) for a concentration on Francophone studies. These programs, administered by the Institute for the International Education of Students (IES) in Paris and Nantes, and the Council for International Educational Exchange (CIEE) in Rennes and Dakar (Senegal), will prepare a student for a variety of fields including international law, politics, journalism, the foreign service, business, market research analysis, and teaching at the high school and college levels. The program offers the following special features:

- French Immersion Courses at the IES and the CIEE centers in Paris, Nantes, Rennes, and Dakar
- French courses at the local universities
- Housing in local homes as well as independent housing
- Field trips connected with the IES and CIEE programs
- Internships

The Fine Arts I component in Hope's general education requirements may be fulfilled by taking an art history, OR theatre history OR music history class abroad.

Students planning to fulfill their Cultural Heritage II requirement abroad must take both history and literature abroad. To fulfill Cultural Heritage I they must take on campus either IDS 171 or Phil 230 (Ancient Philosophy).

Students interested in this dual major should contact a French and a History professor early to be advised on the proper sequencing of courses.

HISTORY

IV. HISTORY MINOR: The department offers a 20-credit minor. The minimum distribution requirement is as follows: History 140, one course dealing with a period before 1500, one course in American history, one course in European history after 1500, one course in non-Western history, and one additional history course of the student's choosing. No more than one 2-credit History 200 course may be counted toward the minor. Students may count no more than three of the following courses toward the major or minor: HIST 130, HIST 131, HIST 160, HIST 161, and either IDS 171 or IDS 172. Requirements vary for students interested in a minor for teaching certification. The history education minor requires 24 credit hours. Please consult the Department of Education for details.

GENERAL

130. Introduction to Ancient Civilization — The course will focus on significant developments in history from its Greek origins through the Renaissance. It is designed to introduce the student to the discipline of history and can be used to fulfill part of the cultural heritage requirement. *Four Credits Staff Both Semesters*

131. Introduction to Modern European History — The course will focus on significant developments in modern European history from the Renaissance to our own time. It is designed to introduce the student to the discipline of history and can be used to fulfill part of the cultural heritage requirement. *Four Credits Staff Both Semesters*

140. History Workshop — An introduction to historical questions, research and writing through the study of a special topic in depth. Required for history majors, minors and open to other interested students. *Two Credits Staff Both Semesters*

200. Historical Snapshots — This course is designed to allow the exploration of some narrow moment in time (such as the 1960s or even the Civil Rights Movement of the 1960s) or some particular historical issue or problem (such as the status of women in the Middle Ages). The content and emphasis of each section is determined by the instructor. Students may repeat the course for credit as topics change. No more than two 2-credit HIST 200 courses may be counted toward the major, and no more than one toward the minor. *Two Credits Staff Both Semesters*

207. World Civilizations I: Prehistory - c. 1500 — This introductory world history course surveys developments in human civilization in Africa, Asia, the Americas and Europe from prehistory until about 1500. It employs comparative methods to investigate cultures and societies that developed in different parts of the world, and it examines the ways in which world societies have interacted in the past. It fulfills the Cultural Heritage I requirement and is flagged for cultural diversity. *Four Credits Staff Fall Semester*

208. World Civilizations II: 1500-Present — This introductory world history course surveys developments in human civilization in Africa, Asia, the Americas and Europe since 1500. It employs comparative methods to investigate cultures and societies that developed in different parts of the world, and it examines the ways in which world societies have interacted in the past and interact in the present. It fulfills the Cultural Heritage II requirement and is flagged for cultural diversity. *Four Credits Staff Spring Semester*

AFRICA, MIDDLE EAST, EAST ASIA AND LATIN AMERICA

221. Colonial and Post-Colonial Africa: African Perspectives on Colonialism — This course explores the colonial experiences of Africans as well as the legacies

HISTORY

of European colonial rule in Africa. It highlights the different ways Africans responded to European military conquest and political domination from the mid-1850s to the 1960s. The course also examines how Africans struggled for independence, using specific case studies to show the different paths toward independence. Post-colonial developments in Africa are covered to assess the long-term effects of European activities during the colonial interlude. By emphasizing how Africans shaped colonial encounters with Europeans, the course gives voice/s to the colonized in a variety of contexts across Africa. The course provides students with a window through which to reevaluate the active roles Africans played during the colonial period and have continued to play in shaping events in post-independence African societies. The course is flagged for cultural diversity.

Four Credits M'Bayo Fall Semester, Odd Years

225. West African Economy and Society, 18th-20th Centuries: Commerce, Colonialism and Christianity — The course explores the major economic and social transformations in West Africa from the 18th to the 20th century. In so doing, it will locate West Africa within the wider Atlantic World and examine the interplay of internal and external forces that shaped the region's history from the immediate pre-colonial period to the post-colonial era. The course will cover, among other topics, the slave trade and slavery, West African "slave states," the founding of Sierra Leone and Liberia, the Abolitionist movement, Islamic revolutions and states, the spread of Christianity, West African Colonial intermediaries, the colonial economy, and women and economic development in post-colonial Africa. The course is flagged for cultural diversity.

Four Credits M'Bayo Fall Semester, Even Years

260. History of Latin America — The aim of this course is to survey the intellectual, social and political traditions of the twenty nations of this hemisphere south of the Rio Grande. From this review it is hoped that the student might acquire an appreciation for a rich and colorful cultural tradition that is poorly understood and too often neglected by North Americans. A further and related purpose is to acquaint the student with the historical development of the political culture of Latin American societies and attempt to explain the causes of social and political instability in this area.

Four Credits Hagood Fall Semester, Even Years

270. Modern China — This course offers a narrative history of China from its last imperial dynasty to its modern communist regime. The first three weeks of the course are devoted to the Qing dynasty, or the society, institutions and ways of thought of "traditional" China. The remaining 12 weeks are devoted to 20th century China, which spans the republican and communist eras. Building upon the knowledge acquired in the first third of the course, we will seek to comprehend the making of "modern" China, a process that was often violent and tumultuous. This course is flagged for cultural diversity.

Four Credits Tseng Spring Semester, Odd Years

280. Colonizers and Colonized: Perspectives on Modern Imperialism — The rise and fall of the British Empire provides the focus of this course. British colonial experience is set in a larger context, which traces European, and to a lesser degree, world imperialism from origins to the contemporary era. The purpose of the course is to examine modern imperialism simultaneously from the perspective of the colonizer and colonized, and to evaluate the impact of imperialism on European and Third World societies. Primary focus will be on the experience of Africa and India. This course is flagged for cultural diversity.

Four Credits Baer Fall Semester, Even Years

312. Myth and Culture in Pre-Colonial Africa — This course is designed to introduce students to the pre-colonial African past, principally through the study of primary and orally transmitted sources. The use of these sources and their interpreta-

HISTORY

tion will be given special emphasis as will the use of biography. Case studies of political change in the 19th century provide a focus for looking at issues such as state formation, the role of technology, the spread of Islam, slavery and European intrusion. This course is flagged for cultural diversity.

Four Credits M'Bayo Spring Semester, Odd Years

321. The Making of Modern Africa — The course will focus on state formation and cultural developments in Africa during the 19th and 20th centuries. It will use the overarching framework of continuity and change to trace significant political and cultural trends that have had a deep impact on contemporary African nation-states. Although the course will focus mainly on Sub-Saharan Africa, North Africa will not be completely ignored. Special emphasis will be placed on the active role of Africans, both men and women, in shaping the political and cultural developments of their continent despite the obvious impact of European colonialism. The course is flagged for cultural diversity.

Four Credits M'Bayo Spring Semester, Even Years

370. Modern Middle East — A course focusing on historical explanations for the tensions that periodically erupt into war and violence in the Middle East. Concentrations on Islam and the Arabs, Zionism and the Israelis, and the deep American involvement in the disputes. This course is flagged for cultural diversity.

Four Credits Gibbs Fall Semester, Odd Years

UNITED STATES

100 Level Classes

These classes are the basic surveys for United States History, which cover the major political, economic and social trends and events in the United States from the times of first contact through the late twentieth century. These classes emphasize mastery of the material and introduction to reading primary sources. Readings will be based around textbooks, with other supplemental readings. Evaluation is based on exams, short papers (3-5 pages) and other oral and written assignments.

160. U.S. History to 1877 — This survey course examines the rise of the American nation from its colonial origins through the Civil War and Reconstruction. The approach is thematic and special emphasis is placed upon the impact of European contact with Native Americans, the establishment and abolition of slavery, the struggle for women's equality, the influence of industrialization, westward movement, the evolution of republican institutions, the Civil War and Reconstruction, and the nation's gradual rise to prominence.

Four Credits Johnson Fall Semester

161. U.S. History Since 1877 — This course surveys U.S. history from Reconstruction to the present. It examines the major social, cultural, political, and economic events that shaped the U.S. after the Civil War, focusing especially on industrialization, Progressivism, WW I, the Great Depression, the New Deal, WW II, the Cold War, the Civil Rights Movement, the Sixties and Reagan Republicanism.

Four Credits Petit Spring Semester

175. Michigan History — This course will focus on the history of Michigan, including its original Native American inhabitants, arrival of fur traders and *voyageurs*, rise of colonial powers, impact of European immigrants, industrial and political development, and recent history. Special emphasis will be placed on the use of primary archival materials with a case study of the migration of the Dutch to Michigan. Students will also be exposed to the many ways the story of Michigan is told through story-telling, oral history, and published sources and material preserved in archives, museums, and historical sites.

Two Credits B. Bultman Spring Semester

HISTORY

200 Level Classes

These classes engage the political, economic and social trends and events in a specific time period in United States history. Unlike the 100-level surveys, they focus on developing themes as a way to illustrate a particular era in the United States past. These courses will spend more time analyzing primary sources in class, and students will be expected to write short or long papers dealing with primary sources. Students will read approximately 100-125 pages a week, and they will write a 7-10 page research paper, based either on primary sources or historiographical sources. There will also be exams, short papers and short oral or written assignments.

251. Revolutionary America: Visionaries, Rebels, and Ruffians — This course examines the forces, people, philosophies, and events that characterized colonial American society and led to the Revolution of 1776. From those beginnings, the ideals and practical necessities of winning the social, political, and military struggle for independence imposed realities that later affected the nation as it sought to consolidate its victory. The 1787 Constitutional Convention was the culmination of one struggle to establish a nation based upon democratic republican principles, and the beginning of another struggle to ensure that those ideals were applied and enjoyed by all Americans.
Four Credits Johnson Fall Semester, Odd Years

252. Civil War America: Disruption and Destiny — This course spans the years from 1820 to 1877, starting with the Missouri Compromise and progressing through the Civil War and Reconstruction. During this period, as the United States expanded its territorial boundaries, forged a political identity, and further achieved a sense of national unity, sectional rivalries, industrialization, reform movements, and increasingly hostile confrontations over the language and interpretation of the Constitution led to crisis. This course will examine how those factors contributed toward the 1861-1865 Civil War, with subsequent special emphasis being placed upon how the conflict and post-war Reconstruction influenced America's social, political, cultural, and economic development as it prepared to enter the 20th century.
Four Credits Johnson Fall Semester, Even Years

255. World War I America: A Nation in Transition — This course will examine the changes that Americans faced in the first part of the twentieth century, particularly how the First World War shaped United States society. We will examine the relationship between the war and social, economic and political trends in the United States, including industrialization and unionization, the Progressive movement, the freedom struggle of African Americans, women's suffrage, immigration, the Red Scare, and the rise of conservatism in the 1920s.
Four Credits Petit Spring Semester, Odd Years

256. Recent America: The Challenge of Power — This course will focus on how the United States emerged from World War II as a major world power, how the government of the United States adapted to that new status and how the men and women of various classes, races, regions and religions dealt with the social and cultural changes of the last half of the twentieth century. Major topics include the Cold War and the economic boom of the 1950s, Vietnam and the rise of protest in the 1960s, the economic and foreign policy challenges of the 1970s, the rise of conservatism in the 1980s, and the challenges of diversity and globalization in the 1990s.
Four Credits Petit Spring Semester, Even Years

300 Level Classes

These classes analyze a specific theme in United States history over 100 years or more. They will deal with both historical and historiographical questions about that

HISTORY

theme. Students will read 125-200 pages per week and write a substantial research paper of 10-15 pages, as well as have tests and other short assignments.

351. Slavery & Race in America, 1619-Present: The Struggle Within — This course examines the roles that slavery and race have played in shaping the course of American history. Starting from an overall assessment of slavery's origins in western culture, the course considers the practice of slavery and its social, political, and economic influences in North America. Special emphasis is placed upon analyzing how institutional slavery and the concept of race shaped the lives of masters, slaves, and their respective descendants down to the present day.

Four Credits Johnson Spring Semester, Even Years

352. U.S. Women and Social Change — What role have women had in making social change happen in the United States? In this course, we will answer this question by examining how women sought to shape their society during periods of transformation in United States history. Topics include women in Revolutionary America; women and anti-slavery campaigns; Progressive women; women during times of war; and the rise of feminism during the 20th century. We will also explore how issues such as race, class, region, ethnicity, religion and sexual orientation affected women's historical experience. This course is flagged for cultural diversity.

Four Credits Petit Fall Semester, Even Years

355. United States Foreign Policy, 1898-Present: Power, Promise, and Peril — This course traces the development of United States foreign policy from the Spanish-American War to the present. In this period the United States emerged as a great world power, assumed center stage during World War II, offset the threat of the Soviet Union during the Cold War, and currently claims title to being the world's lone superpower. Post Cold War conditions have challenged the nation to formulate policies responsive to recent manifestations of threats not yet clearly defined, including the problems of non-state actors and terrorism.

Four Credits Johnson Spring Semester, Odd Years

357. United States Cultural History: Ideas of Race, Gender and Class — In this course, we will explore the meaning of race, gender and class through the lens of cultural history. We will read about ordinary people as well as elite intellectuals in order to understand how Americans debated the meanings of these concepts and how these ideas affected the lived experiences of men and women in the past. This course is flagged for cultural diversity.

Four Credits Petit Fall Semester, Odd Years

361. United States Military History: Rise of a Warrior Democracy — "Peace through strength," "Uncommon valor was a common virtue," and "In war, there is no substitute for victory." These phrases spoken at various times by different military commanders illustrate the importance America's leaders and citizens have accorded to the U.S. armed forces, issues related to national defense, and the American approach to war-fighting. This course traces the history of the United States military from its colonial origins to the present day. Along with examining the purpose and performance of the military during times of conflict, assessment will be made of its function as a political and socioeconomic institution; its role and effectiveness as an instrument of diplomacy and foreign policy; the extent and limitations of its power within America's constitutional system; its relevance and function during peacetime; the evolution of its strategies and tactics; the impact and application of technology; and the contributions of major figures who built and shaped it into not only a force of overwhelming power, but an institutional organ of American society.

Four Credits Johnson Spring Semester Every Third Year

HISTORY

362. U.S. Immigration History: Ethnicity and Diversity in the American Past

— “Diverse” has always been a descriptor for the people of the United States. One clear marker of that diversity has been the constant change in our population due to immigration. Arriving from several continents for a myriad of reasons, immigrants have added to our heterogeneous population and challenged ideas about what it meant to be an American. Yet the goal of our nation, in the words of our national motto, E Pluribus Unum, is to find unity amongst our diversity. In this course, we will ask how immigration to and ethnic diversity within the United States both challenged and contributed to that goal by examining the major migrations to the United States from Africa, Europe, Asia and the Americas.

Four Credits Petit Fall Semester Every Third Year

ANCIENT WORLD

210. The Greek World — This course, which is cross-listed with Classics 210, surveys the major historical developments and literary figures of Greece from preclassical times to the end of the Hellenistic period. Students who enroll for History 210 will write a paper on a historical topic; those who enroll for Classics 210 will write a paper on a literary topic.

Four Credits Bell Fall Semester, Even Years

215. The Roman World — This course, which is cross-listed with Classics 215, surveys major historical developments and literary figures from the foundation of the Roman Republic to the fall of the Empire. Students who enroll for History 215 will write a paper on a historical topic; those who enroll for Classics 215 will write a paper on a literary topic.

Four Credits Bell Fall Semester, Odd Years

285. Women in Antiquity — This course surveys the status and accomplishments of women in the ancient Mediterranean world, from Egypt to the fall of the Roman Empire. It examines questions of matriarchy, marriage patterns, and attitudes toward women displayed in literature and art. Attention is given to problems of methodology and modern interpretations of ancient sources on this subject. Satisfies cultural diversity requirement.

Four Credits Bell Spring Semester, Odd Years

EUROPE

205. British and Irish History to 1700 — A survey of British and Irish history and civilization from origins to the late 17th century. The course will focus on events and personalities in Britain and Ireland up to 1688, by integrating the histories of the various peoples of the British Isles and by concentrating on a handful of critical themes and issues: the evolution of distinct English and Irish styles of kingship and law; the growth of parliaments; the role of religion in Britain and Ireland; the development of London; Britain’s sometimes stormy relationship with Ireland and the rest of Europe; and the major features of social, cultural and economic change.

Four Credits Baer Fall Semester, Odd Years

206. British and Irish History Since 1700 — A survey of British and Irish history and civilization from the late 17th century to the present. During the semester we will explore Britain’s rise as a world power in the 18th and 19th centuries and subsequent decline in the 20th, and the relationship between the peoples of Britain and Ireland. Critical themes and issues include the forging of a constitutional monarchy and international politics, the two societies and their cultures, Irish nationalism as the first modern movement for national liberation, and the 20th century world wars and Ulster problem.

Four Credits Baer Spring Semester, Even Years

218. The Middle Ages: Europe, Byzantium and Islam — Investigate an age of faith, of warfare, of economic and political fragmentation, and of the invention of

HISTORY

new institutions. We will begin with the closing years of the Roman Empire and follow political economic and social developments between the fifth and 15th centuries. Major themes in the course include religion, state formation, social structures, everyday life, commerce, war, and intercultural contact. Besides the conventional topics in Western European history, we will examine the decline and fall of the Byzantine Empire and the rise of Islam.

Four Credits Gibbs Spring Semester, Even Years

242. Twentieth Century Europe — This course examines the changing political, economic, social and intellectual climate from the turn of the century through the 1980s. Special emphasis is placed on the interrelationships between the world of the intellect (literature and philosophy) and the world of politics. The changing social structure of Europe is also considered.

Four Credits Tseng Spring Semester, Even Years

248. Europe in the Age of Reformation — Transformation of Europe from the crisis of late medieval society to 1648. Emphasis on religious, political, social and economic dimensions of European life in the 16th and 17th centuries, and the response of men and women, rulers and social groups, states and institutions to the new theological and spiritual challenges wrought by the Reformation.

Four Credits Gibbs Fall Semester, Even Years

280. Colonizers and Colonized: Perspectives on Modern Imperialism — The rise and fall of the British Empire provides the focus of this course. British colonial experience is set in a larger context, which traces European, and to a lesser degree, world imperialism from origins to the contemporary era. The purpose of the course is to examine modern imperialism simultaneously from the perspective of the colonizer and colonized, and to evaluate the impact of imperialism on European and Third World Societies. Primary focus will be on the experience of Africa and India. This course is flagged for cultural diversity. *Four Credits Baer Fall Semester, Even Years*

341. World War Two: Collaboration and Resistance — This course explores one specific dimension of 20th-century history, namely how societies and individuals faced the moral ambiguities caused by the Second World War. We will examine the issue of collective and individual choice in history. For example, to what extent is history determined by larger “forces” and to what extent does human agency shape specific historic developments? Our examples for the moral ambiguities presented by the war will come from several case studies of enemy-occupied territories: Greece, France and China.

Four Credits Tseng Fall Semester, Odd Years

344. Genocide in the Modern World — The 20th century has been called “The Century of Genocide.” This course will examine case studies of 20th-century genocide, selected from the Holocaust, Armenia, Cambodia, Bosnia and Rwanda, and other less-famous examples. We will analyze different definitions of genocide, examine the international legal structures dealing with genocide and crimes against humanity, and investigate the historical context of the varied genocides in the modern world.

Four Credits Gibbs Spring Semester, Odd Years

371. Paris and Shanghai: A Tale of Two Cities — This course explores the national histories of France and China from the 19th century to our time by following the historical developments of two important urban centers, namely Paris and Shanghai. Special emphasis will be placed upon diplomatic and cultural relations between France and China in the context of 19th-century imperialism, the wars and revolutions of the 20th century, and the process of globalization that continues to our day. Attention will also be given to expatriate and immigrant communities in these two

HISTORY

cities that reflect the relations between France and China as well as important historical development of the modern world.

Four Credits Tseng Fall Semester, Even Years

SPECIAL COURSES

295. Studies in European, American, or Non-Western History — These courses are designed to allow students to study geographic areas, historical periods, or particular issues not normally covered in the formal courses offered in the Department of History. In each course a professor will present lectures in his or her area of particular interest and students will engage in guided reading and research under the professor's supervision.

Two or Four Credits Staff Both Semesters

490. Independent Studies in History — Designed to provide students majoring in history, and others, with an opportunity to do advanced work in a field in which they have a special interest. Prerequisite: Formal application and departmental approval of proposed study. This designation, with appropriate descriptive title, may be used for Washington Honors Semester credits and internships bearing history credit and for internships approved by the department.

Variable Credits Staff Both Semesters

495. Seminar in History — This course is required of all history majors and is also open to non-majors with a serious interest in learning how to do scholarly research. The course is designed to help students develop advanced skills in historical research and writing. Major emphasis is given to the development of sound research methods and to the use of primary source materials. Each student will be expected to produce a lengthy research paper of scholarly merit and literary quality. Prerequisite: History 140.

Four Credits Staff Both Semesters

499. History Internships — This course is a practical experience for students. It enables them to apply the knowledge, research methods, and writing skills acquired in the academically oriented setting to concrete projects such as the Joint Archives, the Holland Historical Trust or an oral history undertaking. Application is made to the chairperson of the Department of History. Supervision and the number of credits earned are determined by the nature of the project.

Staff Both Semester



Faculty: Ms. Simon, General Director; Mr. Tammi, Campus Representative, New York Arts Program; Ms. Anderson, Ms. Roehling, Mr. T. Smith, Campus Representatives, The Philadelphia Center; Mr. de Haan, Campus Representative, Chicago Semester; Mr. Craioveanu, Encounter with the Arts Director; Mr. Yelding, Encounter with Cultures Director; Mr. Green, First-Year Seminar Director; Mr. Gruenler, Cultural Heritage Director; Mr. Tyler, Senior Seminar Director.

Living well in our complex world involves questioning “outside the lines.” Our future holds increasing, rapid changes. Preparing for that future requires problem solving that goes beyond prefabricated compartments. While courses within academic departments pursue inquiry within traditional categories of expertise, interdisciplinary studies (IDS) courses offer the exciting challenge of integrating knowledge using multiple disciplinary perspectives.

100. First Year Seminar — These seminars, taught on a variety of subjects and open to first-year students only, focus on ways of knowing, seeing, and evaluating as applied to differing specific topics. Students become actively engaged in these seminars as they read primary texts closely, discuss and write about the issues these texts address, and enhance their skills of self-assessment and reflection. Teachers of these seminars serve as advisors to the students in their classes.

Two Credits Staff Fall Semester

101. Encounter with the Arts — This course introduces students to the visual and performing arts through required attendance at a broad range of exhibitions and evening/weekend performances. Students are prepared for these events through class lectures, conversations with visiting artists, and demonstrations of creative techniques. Students’ appreciation of the arts and awareness in experiencing them are expanded and evaluated through group discussion and reflective writing assignments.

Four Credits Staff Both Semesters

160. Arts for the Elementary Teacher — This course provides an integrated approach to a number of topics in visual art, dance, drama, and music with an emphasis on the interrelatedness of these arts. Prospective elementary teachers will expand their knowledge of and appreciation for the creative/expressive arts and will develop instructional approaches which will enhance understanding and appreciation of the arts for children in the elementary grades (K-6).

Four Credits Staff Fall Semester

CULTURAL HERITAGE

The goals of the Cultural Heritage requirement and ways of fulfilling it are explained in “The Degree Program” (see pages 107-108). Interdisciplinary Cultural Heritage courses enable students to explore relationships among the disciplines of history, literature and philosophy, as well as their connections to the history of religion and the fine arts. Students will consider perennial questions of human life as they study the ways of knowing in multiple humanities disciplines and use them to understand themes and developments in various eras of cultural and intellectual history. Titles of particular sections of each course are given in the course schedule, and descriptions are available on the General Education Web site and linked to the registrar’s Web site under “Advising.”

171. Cultural Heritage I — Includes all three Cultural Heritage disciplines – history, literature, and philosophy – in the pre-modern period (up to 1500 A.D.). Topics regularly offered include “Real Life and the Good Life from Classical Times to Christian,” “Freedom, Justice, and the Good Life,” “The Middle Ages,” and “Twin Pillars of Western High Culture.”

Four Credits Staff

INTERDISCIPLINARY STUDIES

- 172. Cultural Heritage II** — Includes all three Cultural Heritage disciplines - history, literature, and philosophy - in the modern period (after 1500 A.D.). Topics regularly offered include “Authority and the Individual,” “Enlightenment, Revolution, and Romanticism,” and “Revolutions and Revolutionaries.” *Four Credits Staff*
- 173. Cultural Heritage I (Lit/Hist)** — Literature and history in the pre-modern period (up to 1500 A.D.). *Four Credits Staff*
- 174. Cultural Heritage II (Lit/Hist)** — Literature and history in the modern period (after 1500 A.D.). *Four Credits Staff*
- 175. Cultural Heritage I (Lit/Phil)** — Philosophy and literature in the pre-modern period (up to 1500 A.D.). *Four Credits Staff*
- 176. Cultural Heritage II (Lit/Phil)** — Philosophy and literature in the modern period (after 1500 A.D.). *Four Credits Staff*
- 177. Cultural Heritage I (Hist/Phil)** — History and philosophy in the pre-modern period (up to 1500 A.D.). *Four Credits Staff*
- 178. Cultural Heritage II (Hist/Phil)** — History and philosophy in the modern period (after 1500 A.D.). *Four Credits Staff*
- 200. Encounter with Cultures** — An introduction to cultural diversity, focusing on concepts of race, ethnicity, gender, class, and other forms of cultural identity and difference in contemporary American society. Working with cross-disciplinary theoretical models for understanding cultural identity and interactions between cultures, students will explore their own cultural heritages; and through imaginative literature, autobiography, film, cultural events, and direct intercultural encounters on and off the campus, they will focus on the backgrounds, experiences, and perspectives of several specific American cultural groups, such as African, Asian, Hispanic, Jewish, and Native Americans.
- 210. Introduction to Ethnic Studies** — An introduction to methods and approaches for understanding historical and cultural issues relating to ethnicity in the United States. Students will explore a wide variety of primary materials, including literature, film, visual arts and material culture. The course serves as a theoretical foundation for the ethnic studies minor but is open to all students interested in the subject. *Four Credits Staff*
- 280. Contemporary Issues in Japan** — See listing under May, June and Summer Study Abroad Programs, page 349.
- 295. Special Topics** — Study of an area of interdisciplinary studies not covered in the regular course listings. Offered as student and teacher interest requires and scheduling permits. *Two to Four Credits Staff*

INTERDISCIPLINARY MINORS

Hope offers a number of interdisciplinary minors. Three examples of such programs follow.

Center for Faithful Leadership

The purpose of the Center for Faithful Leadership (CFL) is to nurture and promote campus-wide and community efforts to enhance leadership gifts in Hope students. Its vision is that Hope will graduate a large cadre of students who are more confident in their leadership abilities and more effective in servant leadership, “so that those served grow as persons and become healthier, wiser, freer, more secure, and more likely themselves to become servants.” The CFL pursues that vision and mission by providing students with the proper soil (experiential opportunities) and gardeners

INTERDISCIPLINARY STUDIES

(mentors). The soil consists of an Organizational Leadership Practice minor and many other related opportunities, such as experiences in internships, performance, research, service-learning and independent study. The CFL plans and creates customized leadership experiences with and for students. (See pages 234-235.)

Ethnic Studies Minor

A minor in Ethnic Studies introduces students to critical methodologies and scholarly approaches to understanding the diverse historical and cultural issues relating to ethnicity in the United States. At a time when America is becoming increasingly multicultural and when Americans are increasingly aware of the values of multiculturalism, participants in a minor in ethnic studies gain and develop skills to research, analyze, and reflect on the heritage of ethnic cultures in America. Such study will develop citizens, participants, and activists who have views of their larger mission in life and who strive daily, both locally and globally, in the pursuit of justice and equality. (Page 195.)

Studies in Ministry Minor

The Studies in Ministry minor is administered by the CrossRoads Project under the academic supervision of Interdisciplinary Studies. It is dedicated to preparing students, theologically and practically, for lay ministry positions in churches and para-church organizations. It aims to provide students who have a vocational interest in Christian service with the theological framework, practical experience, spiritual disciplines, and mentoring guidance necessary to embark upon a lifetime of involvement in Christian ministries. Through coursework, year-long internships, and relationships with each other and mentors, students in this program will be prepared for possible future theological education and various entry-level ministry positions in churches and organizations - locally and worldwide. The minor has three different tracks: Youth Ministry, Worship Leadership, and Social Witness. Depending on the track chosen, the minor will comprise 25 or 26 hours, to be distributed across required courses, electives, and an internship. (See pages 242-245.)

INTERNSHIP PROGRAMS

In addition to the programs listed below, Hope College, in cooperation with other groups, offers many other internship and off-campus study opportunities. See "Off-Campus Study Opportunities," pages 341-352; "Domestic Study Opportunities," pages 352-354; and "Internships," page 355.

THE PHILADELPHIA CENTER

The Philadelphia Center is managed by Hope College and is recognized by the GLCA, Inc. Students receive a full semester of credit from Hope for their experience in Philadelphia. The program provides opportunities for professional exploration, intellectual development, and personal growth in the heart of one of America's largest and most dynamic cities. Students will enjoy career-building internships, academic coursework, and facilitated city living

Each fall and spring semester, 75-100 liberal arts students from across the country participate in the program. Students take part in The Philadelphia Center's unique Housing and Placement Processes to find the apartment and internship that best fits their needs. Students will create a Learning Plan that provides the structure for integrating work experience with educational, social, and professional development objectives.

Students earn 16 credits (8 internship, 4 City Seminar, 4 elective) for the 16-week, semester-long program. Many of The Philadelphia Center's classes will substitute for specific Hope College core courses and major or minor requirements. Visit Hope's Office of the Registrar for more information.

INTERDISCIPLINARY STUDIES

The Philadelphia Center also offers Learning Work, an eight-week summer program designed to accommodate students who are unable to attend the full-semester program. With the help of their Philadelphia Center advisor, students will be pre-placed in their internships and will be provided with an apartment for the duration of the program. Students will receive 8 credits for Learning Work.

For more information, please contact The Philadelphia Center directly at 215-735-7300 or visit www.philactr.edu. The program's Resource Book and Placement Directory can be found in the offices of the program's on-campus representatives: Isolde Anderson and Linda Koetje, Department of Communication; Patricia Roehling, Department of Psychology; Tom Smith and Vicki TenHaken, Department of Economics, Management, and Accounting; Jon Huisken, Registrar. Copies are also available in the offices of Career Services and International Education.

THE CHICAGO SEMESTER PROGRAM

The Chicago Semester program offers students a distinctive opportunity to work in a large metropolitan city and to study problems and issues of metropolitan life in a fully accredited, supervised educational program.

Students spend four days a week in an internship related to their academic major and career interest; they also participate in seminars one day per week at the Chicago Semester's Loop Center.

Sixteen credits can be earned through the Chicago Semester program. To achieve this number of credits, students must take the internship course plus two of the seminars offered.

Over 350 different internships are available to students who participate in the Chicago Semester program. Students with almost any major interest can find work placements suitable to their vocational plans. The range of possibilities includes art centers, banks, churches, drama groups, ecology labs, accounting firms, hospitals, libraries, museums, zoos, financial institutions, futures markets, recreational facilities, and health clubs, to name a few. Work internships are supervised by management personnel at the job site and by Chicago Semester program staff.

Following is a description of the seminars offered at the Center:

I. Core Seminars Arts in the City — The seminar investigates the urban cultural life as reflected in the arts of Chicago. Students gather data for exploration by attending plays, concerts, movies and art galleries. The primary information is processed through reading, lectures, in-class performances and creative exercises. Students attend one arts event per week over the course of the semester.

History of Religion and Society in Urban America — This course examines religious social engagement in urban America through the lenses of industrialism, immigration, race relations, gender roles, and the relationship of church and state. The course includes lectures, discussions, field trips, congregational visits, and reading and writing assignments.

Metropolitan Seminar, Section One: Planning and the Revitalization of the American City — This seminar is an exploration of the major issues in the life of the metropolitan community of Chicago as a microcosm of U.S./global society. Section One examines the history of planning in Chicago from the famous Burnham Plan of 1909 to the most current commercial plan for the city, the Metropolis 2020 Plan. It also examines grassroots efforts by faith-based community economic development organizations to promote healthy diversity and greater economic equality as a complement/corrective to the planning process.

INTERDISCIPLINARY STUDIES

Metropolitan Seminar, Section Two: Health and Social Policy — This seminar is an exploration of the major issues in the life of the metropolitan community of Chicago as a microcosm of U.S./global society. What makes for healthy individuals and healthy communities? Is it just about making the right choices? This seminar will examine the relationship between personal health, the common good, and public policy. The course will identify components necessary for a healthy metropolis, and explore how different political and moral frameworks determine public policy and how the health of our citizens along with a community's health is then sustained or threatened. The course will include lectures, site visits, and reading and writing assignments.

Values and Vocation: Conversations on American Work and You — This seminar welcomes students and instructor into a semester-long conversation about modern work and American culture. We will explore different forces shaping our working lives, including gender roles, class, the grip of corporations, and our own peculiar pasts. Students will have the opportunity to identify, explore and examine their values and will explore how to integrate those values into their thinking about work, career goals and vocational leanings.

II. Professional Seminars Professional Practice Seminar for Bachelor of Social Work (BSW) Students — This seminar provides students with the opportunity to apply classroom learning in actual social work practice situations. The seminar aims at promoting a “coming together” of theoretical perspectives and practicum supervision in a manner supportive to the efforts of beginning practitioners. (Required of all BSW students.)

Professional Practice Seminar for Student Teachers — This seminar explores effective strategies of student teaching in urban settings in a supportive environment. (Required of all student teachers.)

Professional Practice Seminar for Nursing Students and Health Care Professionals — This seminar explores issues of professional practice in the health care field, including effective intervention strategies and discussion of technical, legal and routine matters of health care delivery. (Required for student nurses and recommended for health care professionals.)

THE SENIOR SEMINARS

The Hope College catalog introduces the college as an institution where life is regarded as God's trust to humankind. In this context students are helped to discover their individual abilities and to develop as competent, creative, and compassionate human beings, devoted to serving God in all areas of life. From these aims the Senior Seminar's general education requirement was developed.

Stressing personal assessment of one's education and life view, the Senior Seminar is intended to serve as the capstone to an education at Hope College. The Seminars are designed to help the student 1) consider how the Christian faith can inform a philosophy for living, 2) articulate his or her philosophy for living in a coherent, disciplined, yet personal way, 3) understand secular contemporary values in Christian perspective.

Senior Seminars are four-credit courses. Students may elect from the following courses — several of which are offered each semester — to fulfill the requirement. (See also the Values and Vocations Seminar under the Chicago Semester Program above.) Courses should be taken no earlier than May, June or July Terms between the junior and senior year, unless by special permission from the Director of Interdisciplinary Studies.

INTERDISCIPLINARY STUDIES

402. Christianity and Literature — Through an examination of a variety of literary statements — in poems, plays, films, novels, etc. — this course focuses on a major problem confronting the Christian and Christianity in the contemporary world. Representative variants: “The Human Image,” “Crises and Correlations,” “The Search for Meaning.” *Four Credits Staff*

404. Faith Seeking Justice, An Encounter with the Power of the Poor in the Voices of Latinas — This course is an interdisciplinary exploration of the liberating character of Base Christian Communities in Mexico, especially as that liberating character is voiced by Latinas. The course meets on campus for one week and in Mexico for two weeks. *Four Credits Dickie May Term*

421. Science and Human Values — An exploration of the ramifications of human actions in the physical world, this course exists to heighten awareness of western humankind’s involvement in nature, detailing the role of science and technology in creating problems and attempting solutions. *Four Credits Barney, Cronkite*

431. Female, Male, Human — This course explores the ways in which gender, sexuality, race, and class shape our ideas about God and humankind, our faith, families, work, and lives. It also examines the ways in which assumptions about gender and sexuality are shaped by Christianity, culture, and the family environment. *Four Credits L. Japinga*

438. Models of Christian Spirituality — This course examines the way in which Christian views of life are formed in the context of lived human experience. Special attention will be given to the many different ways Christians can articulate their understanding of their experience. *Four Credits Powers*

442. Pondering the Big Questions — In this course we use the infinite as a unique springboard from which to dive into the “big questions” of life, such as the existence and nature of God, and our place in the scheme of things. We begin by studying the infinite, including its history and underlying philosophy, and its connections with absolute truth. Then we branch into related topics beginning with the special and temporal infinity/finiteness of the universe. This look outward leads us to gaze inward: our self awareness, a holistic view of body and mind, our mortality, and theodicy are all topics for reading and discussion. Finally, we consider the existence of absolute moral truth. (No special knowledge of mathematics is needed for this course.) *Four Credits Pennings*

452. Education and Christian Ways of Living — An examination of how Christians think they ought to live, how and why they think they ought to live that way, and how Christian ways of living can and should affect teachers, teaching and learning. Special attention is given to the influence teachers have on the values of their students. *Three Credits Staff*

454. Medicine and Morals — The course poses questions raised by new advances in medical science and technology, examines some basic options for dealing with them, and helps students formulate an ethical perspective which is appropriate both to these new problems and to the Christian tradition. *Four Credits Hoogerwerf*

457. Christian Thought and the Spiritual Life — An exploration of the Christian spiritual traditions with an emphasis on the integration of prayer and the encounter with God into everyday life. Representative readings from Protestant, Catholic, and Orthodox sources will investigate characteristic Christian ways of becoming aware of God, of interpreting that awareness, and of shaping our lives in response to it. *Four Credits Perovich*

INTERDISCIPLINARY STUDIES

458. Christian Values in Conflict: Northern Ireland — This course will examine the conflict in Northern Ireland between Catholic nationalists loyal to the cause of a united Ireland and Protestant unionists who wish to remain a part of the United Kingdom. The conflict has political, economic and social dimensions. But religious labels define the place of each in society and are potent symbols that rally the adversaries to their respective causes. A study of this conflict affords the opportunity to examine two communities who employ violence against each other in the service of conflicting ideals and ambitions. The course poses the question: Can values rooted in a Christian heritage shared by these communities be put to work on behalf of an enlightened resolution of the conflict? Along the way, this study ought to inform and clarify our own values respecting the use of violence as a means to an end.

Four Credits Staff

461. Science and Christian Perspectives — The course centers on issues of natural science and Christianity. Among issues considered are: Are science and Christianity in conflict, hard to reconcile, or in agreement? Where are the areas of potential tension and compatibility? How have Christians contributed to science in the past? Some key ideas that prominent scientists and Christians have had towards life will be covered.

Four Credits Taylor

462. Christian Argument — This course traces major trends in efforts to attack and defend the Christian faith by means of public argument during the last three centuries. Authors considered include David Hume, Thomas Sherlock, Robert Ingersoll, Bertrand Russell, G.K. Chesterton, C.S. Lewis, and C. Stephen Evans.

Four Credits Herrick

465. Issues in Science and Religion — A course that considers from a brief historical perspective the issues between modern science and Christianity, particularly as they relate to the issue of origins. We will survey our current understanding of the origin of the universe, including our galaxy and solar system, by considering the most recent big bang theories and our knowledge of the evolution and formation of stars and the origin of life. On the other hand, we will develop an approach to the Scriptures and examine how they inform us on the creation of the cosmos.

Four Credits Gonthier

466. Religion and Politics in the United States — This seminar is designed to explore the fundamental questions involving the proper role of religion in American political life. The course is meant to provoke a careful examination of the relation between faith and politics in each participant's life and with regard to his or her choices and decisions. Participants will be expected to examine, reflect upon, analyze, and articulate their own political beliefs, behavior, and commitments in the context of the Christian faith, though faith commitment is neither required nor assumed of any particular student.

Four Credits Staff

467. God, Earth, Ethics — In this course we ask questions about God and God's relationship to the earth, about the earth and its well-being, and about our ethical responsibilities as humans to care for the earth. For example, are we in the midst of a growing ecological crisis? If so, why? If creation is groaning, what are the causes? Is religion, and especially the Bible and Christianity, the culprit, as some argue? Why should we care about marmots, sequoias, spotted owls, or old growth forests? And what can and should we do about acid rain, overflowing landfills, holes in the ozone layer, shrinking rain forests, smog?

Four Credits Bouma-Prediger

468. Change, Complexity and Christianity — This course explores the rapid changes occurring in our culture, the impact these changes have upon individuals and institutions, and the thinking required to handle these changes. The course emphasizes

INTERDISCIPLINARY STUDIES

a wide variety of readings in several fields of study to give an overall awareness of the changes in each discipline. Reaction papers and a life-view paper are required-

Four Credits Portfleet

470. Saints, Heroes and Ordinary People — This course will examine various questions related to how good one's life has to be in order to be worth living. Throughout history we have labeled certain individuals "heroes" and others "saints." We hold them as examples of lives well lived. Should we all, then, be saints or heroes? Would it be acceptable to be less than that, to be ordinary? In exploring these questions, we will look at examples from novels, short stories, and biographies.

Four Credits Simon

471. Dying, Healing and Thriving: Seeking the Good Life — How do we best deal with disappointment, setback, and suffering on the way to the "good life"? How do we lead robust lives in the shadow of death? Based on literature, film, and student contributions, this seminar explores how people of faith have understood and experienced dying, healing, and thriving.

Four Credits Tyler

472. Christianity and the Marketplace — It becomes clearer every day that the problems facing the American economy and American businesses have significant moral and ethical implications. This course will examine how the Christian religion can contribute to an understanding of these problems. Beginning by building a framework to examine the relation between the biblical message and economic activity, the course will then move to examining specific issues, including poverty, ethics in the workplace, the nature and meaning of labor, and the environment.

Four Credits Steen

473. Exploring Faith and Calling — This seminar will take an interdisciplinary approach to the related issues of Christian belief and calling – both in terms of faith and career. Readings and discussions are intended to give students the freedom to explore questions about belief and vocation as they see others sorting out belief and truth issues and juxtaposing these with vocation and calling.

Four Credits Baer

494/495. Unassigned Senior Seminar — Topics of varying content, considered from a Christian perspective, and requiring a capstone position paper. An approved Senior Seminar to which no other specific catalog listing has been assigned. Recent examples include: Christianity and the Market Place, Faith Facing Pluralism, Ethical Issues in Sport.

Four Credits Staff

Readings and Research

490. Individual Study — An individual research project, investigating some topic in depth and culminating in a paper that demonstrates interdisciplinary scholarship and independent thought. Students who meet the Honors Project eligibility and present a paper that meets the standards established will have the course recorded as an Honors Project. May be repeated for additional credit, with a different project. Not limited to the senior level. Prerequisite: departmental acceptance of application (forms available in department office).

Three to Four Credits Staff Both Semesters



The Composite Major in International Studies is designed for the student intending to enter a profession in which an international focus is of particular importance. This major will serve as preparation for careers in such fields as International Business, Economics, Government, Law, History, Sociology, the Arts, and work with non-governmental organizations.

The International Studies major consists of 36 credit hours (20 of which must be in courses numbered 300 or higher). These include 24 credits of required courses, 12 additional hours in international or globally related courses selected in consultation with the director of the major, and a modern language successfully completed through the second year level (4th semester) or demonstrated equivalency.

Furthermore, it is required that students participate in a semester or year-long international, off-campus program as approved by the director of the major. Credits earned in such programs for similar courses may be substituted for requirement or elective courses at the discretion of the major's director.

MAJOR CORE COURSES

Economics 211	Principles of Macroeconomics
History 355 or	History of U.S. Foreign Policy or
Political Science 378	American Foreign Policy
Political Science 151 or	Introduction to Global Politics or
Political Science 251	International Relations
Sociology 151 or	Introduction to Cultural Anthropology or
Religion 280	Introduction to World Religions

One course from the following Africa, Asia and Latin America courses:

History 260, 280, 310, 312, 370

Philosophy 241, 241

Political Science 201, 262, 295 (if offering a global perspective), 303

ELECTIVE COURSES: 12 hours of course work (12 credits in courses numbered 300 or higher) in international or globally related courses selected in consultation with the director of the major. These courses may be taken on or off campus and usually will be in the following disciplines: art history, economics, history, modern languages (culture and/or literature courses), philosophy, political science, religion, and sociology. It is strongly recommended that three of these courses be regionally specific to Africa, Asia, Europe, Latin America or the Middle East.

FOREIGN LANGUAGE REQUIREMENT: A modern language successfully completed through the second-year level (4th semester) or demonstrated equivalency.

OFF-CAMPUS STUDY REQUIREMENT: A year or semester overseas study-abroad program.



Faculty: Mr. Northuis, Chairperson; Mr. Brumels*, Mr. Cole, Ms. Dunn, Ms. Folkert, Ms. Frens, Mr. Fritz, Ms. Gruppen, Ms. Guisbert, Mr. Kreps, Mr. Patnott, Mr. Ray, Ms. Schmidt, Ms. Sears, Mr. Ray Smith, Mr. Steve Smith, Mr. Vander Meer, Mr. Van Wieren, Ms. Wolters. **Assisting Faculty:** Mr. Capestany, Ms. DeBruyn, Dr. Hulst, Ms. Kamstra, Ms. Karafa, Ms. Kuipers, Mr. Neil, Ms. Page, Mr. Ricketts.

The curriculum of the Department of Kinesiology is designed to provide the undergraduate student a strong liberal arts background in addition to a major in physical education, exercise science, or athletic training. Minors in kinesiology, health education, physical education, and exercise science are also offered.

Students currently majoring in the Department of Kinesiology also participate in the following activities:

- assisting in directing the intramural program at Hope College
- assisting coaches in collegiate sports
- assisting as instructors in Health Dynamics classes
- working as assistants to physical therapists in local schools, hospitals, and private practices
- serving as camp counselors in scout camps, camps for the handicapped, and church camps
- providing meaningful experiences for children in elementary physical education
- serving as athletic training students in colleges, high schools, clinics, and physician offices
- coaching or serving as assistant coaches in area junior and senior high schools
- working in corporate wellness programs
- teaching aerobics in private health clubs and school settings

Graduates of the Department of Kinesiology are leading satisfying careers as:

- certified athletic trainers in colleges, high schools, sports medicine clinics, professional athletics, hospitals, and industry
- exercise physiologists
- teachers and coaches in colleges and universities
- university professors
- physical therapists
- occupational therapists
- teachers and coaches in elementary and secondary schools
- directors of hospital wellness programs
- program directors in health facilities
- athletic directors
- personal trainers
- cardiac rehabilitation specialists

WORK/INTERNSHIP PROGRAM: Opportunities to apply theories and principles developed in the classroom are available for all students planning to major or minor in each of the department's programs. A May Term partnership with Holland Hospital provides an intense 150-hour experience in all aspects of physical and occupational therapy. Consult the faculty for a copy of the program for your particular area of interest.

HEALTH DYNAMICS: To be liberally educated, students must be knowledgeable about their bodies, proper nutrition, and the benefits of lifelong exercise. Additionally, it is essential for each undergraduate to develop skill in carry-over activities. All

*Sabbatical Leave, Fall Semester 2008

KINESIOLOGY

students are required to take Health Dynamics, KIN 140, and are encouraged to do so during one of the first two semesters on campus. This is a two-credit course and fulfills the college general education requirement in kinesiology.

APPLICATION PROCEDURES: Major programs of study are available in three areas: physical education, exercise science, and athletic training. Each major has prerequisite requirements. Consult the department chairperson as soon as possible in your college career. See the department Web site at www.hope.edu/academic/kinesiology.

PHYSICAL EDUCATION MAJORS: The major in physical education consists of a minimum of 40 credits. Candidates for certification in physical education at the secondary level must pass the Michigan Test for Teacher Certification (MTTC - test #644) in physical education. Once a student has declared this as a major field of study and has been accepted into the department, he/she will be given a course/objective matrix prepared by both the Departments of Kinesiology and Education so the student may be intentional about constructing his/her own knowledge base in kinesiology and physical education. Required courses in addition to Department of Education requirements are: Biology 221 (prerequisite); Kinesiology 201, 205, 222, 223, 301, 330, 344, 345 (for secondary PE majors with K-12 endorsement), 346, 350, and 221 or 383. Four activity classes are required as prescribed in KIN 201 lab. Students may not take courses for this major on a pass/fail basis.

EXERCISE SCIENCE MAJORS must take a minimum of 35 credits within the department. Required courses are Biology 221; Chemistry 103; Math 210 (or Math 311 and 312); Psychology 200; Kinesiology 200, 205, 221, 222, 223, 307, 322, 323, 324, 383, 499 or 299, and one elective from the following list of courses: Kinesiology 301, 308, 325, or 326.

ATHLETIC TRAINING MAJORS: The athletic training program is accredited by the Commission on Accreditation of Athletic Training Education. Athletic training majors must take 42 credits within the department plus 18 credits from the Departments of Biology, Psychology, and Mathematics. Required courses are Biology 195 and 221; Kinesiology 198, 200, 203, 205, 221, 222, 223, 298, 307, 340, 385, 386, 398, 401, 402, 404, 405, and 498; Psychology 100 and 420; and Math 210. Entrance into the athletic training major is competitive. Not all qualified applicants may be admitted. Interested students must complete an application form, obtain letters of reference, be interviewed, and meet the technical standards for admission. Admitted students must have a current physical examination and current immunization status (including TB). Application materials are available from the program director and from www.hope.edu/academic/kinesiology.

FOUR KINESIOLOGY MINORS are available. Students desiring a **general minor** in kinesiology must take at least 20 credits of kinesiology courses at the 200 level or above. Students desiring a general minor in kinesiology are encouraged to consult with the department chairperson to develop a course plan designed to meet their academic and career needs. **Teaching/coaching** minors in physical education are also available. A minimum of 25 credits is required. Courses that must be taken for the teaching/coaching minor include Kinesiology 201, 222, 223, 301, 344, and 345 or 346; and one of the following classes: Kinesiology 221 or 383. Four activity classes are required as assigned in KIN 201 lab. Consult the kinesiology Web site, www.hope.edu/academic/kinesiology, for specific details. Students cannot take courses

KINESIOLOGY

for these minors on a pass/fail basis. **Exercise science** minors are available. Students desiring an exercise science minor must take a minimum of 23 credits to include 19 credits of exercise science courses in the kinesiology department and four credits from Biology 221. Required courses include Biology 221, Kinesiology 222, 223, 221, and 307. Nine additional credits are required from the exercise science courses listed below, of which no more than three credits may be from Kinesiology 299 or 499: Kinesiology 322, 323, 324, 383, 308, 325, 326, 299, and 499. The **health education** minor consists of 23 credit hours with the addition of Kinesiology 200 (Human Anatomy) as a cognate course (four credit hours). The core courses consist of Kinesiology 140, 203, 205, 251, 305, 307, 351, 451, 453, and 455.

Kinesiology Courses 101-199. Physical Education Activities — It is recommended that each student continue to carry out the principles set forth in KIN 140 and attempt to meet the guidelines established in this course. Beginning level (101-139) and intermediate level (150-199) physical activity courses are offered. Examples of activities offered include fencing, aerobic fitness, badminton, conditioning and weight training, racquetball, tennis, swimming, jogging, dance for sport, volleyball, basketball, korfbal, yoga, baseball, softball, bowling, lifeguard training and WSI.

140. Health Dynamics — This course should be taken during the first year in college. Students will learn the principles of diet, stress management, and exercise as they relate to fitness and health. Students will personally experience those relationships by putting into effect an individualized program appropriate to their needs and interests.

Two Credits Staff Both Semesters, May and June Terms

198. Athletic Training Practicum I — This course provides students with the opportunity to develop competence in a variety of introductory athletic training skills. Specific skills to be developed include, but are not limited to, athletic training room procedures, cryotherapy application, first aid procedures, therapeutic modality operation and application, and upper and lower extremity taping, wrapping, and bracing. Clinical experiences are obtained in the college's sports medicine facilities and will be accompanied by a one-hour seminar each week. Prerequisite: admittance into the athletic training major.

One Credit Staff Both Semesters

200. Human Anatomy — A course where the human body is studied from histological and gross anatomical perspectives. Laboratories include examination of human cadaver dissections, use of models and human specimens, and use of computer programs. Three lectures and one 3-hour laboratory period per week. Fall semester is for nursing students only.

Four Credits Cole, Staff Both Semesters

201. Introduction to Physical Education — Emphasis is placed on philosophy and history as it has influenced physical education. The student is also oriented to professional work in this field. A laboratory experience is required for all majors and minors. In the lab an assessment of each student's skills, fitness level, and motor performance will be determined and appropriate activity classes prescribed for areas of deficiency.

Four Credits Wolters, Vander Meer Fall Semester

203. Health Skills and Enhancement — This course is designed to give health education minors and other students a current perspective on national and state health issues and concerns such as mental health, tobacco use, alcohol and other drug use, prevention of unintentional and intentional injury, community and environmental health, and personal and consumer health. To address these health problems, students will develop skills such as accessing information, analyzing influences, problem solving and decision making, goal setting, advocating, communicating, and other healthy self-management practices.

Two Credits R. Smith Spring Semester

KINESIOLOGY

205. Safety, First Aid, and C.P.R. — This course provides the student with American Red Cross certification in First Aid: Responding to Emergencies and CPR for the Professional Rescuer. There is a heavy emphasis on “hands-on” laboratory skills. Prerequisite: Permission of instructor.

Two Credits Brumels, Frens, Fritz, Sears Both Semesters

221. Anatomical Kinesiology — The musculoskeletal system and its action, with special reference to the fields of dance and kinesiology, are studied in detail. Same as Dance 221.

Three Credits Staff Fall Semester

222. Exercise Physiology — Introduces the specialized knowledge associated with the physiology and biochemistry of exercise and physical conditioning. Additionally, it illustrates the process of the derivation of exercise principles and the application of those principles to health, fitness and/or performance objectives. Kinesiology majors and minors must also take KIN 223 concurrently. Prerequisite: BIOL 221.

Three Credits Patnott Both Semesters and May Term

223. Exercise Physiology Lab — Laboratory experience designed to demonstrate physiological principles learned in Exercise Physiology. Taken concurrently with KIN 222. Required for kinesiology majors and minors.

One Credit Cole, Dunn, Northuis, Patnott, Sears Both Semesters and May Term

230. Water Safety Instruction (W.S.I.) — This course is an intensive theory and method course in swimming. It includes not only teaching methods but biomechanics of swimming, development of swimming skills, information on pool management, and fifteen hours of observation and teaching of swimming.

Two Credits Bredeweg Spring Semester

251. Foundations for Teaching Health Education — This course provides health education minors with the theoretical, philosophical, practical, and professional foundations of health education. Topics include state-of-the-art information regarding health education definitions and concepts, settings in which health education occurs, standards for students and professionals, professional organizations, basic epidemiology, behavior change theories and models, and professional ethics. Prerequisite: KIN 203.

Three Credits Kamstra Fall Semester

298. Athletic Training Practicum II — This course provides students with the opportunity to develop competence in a variety of introductory and mid-level athletic training skills. Specific skills to be developed include, but are not limited to, use of various types of rehabilitation equipment, therapeutic modality application and operation, manual therapy, and upper and lower extremity taping, wrapping, and bracing. Clinical experiences are obtained in the college’s sports medicine facilities and will be accompanied by a one-hour seminar each week. Students are also assigned as athletic trainers to supervised experiences for an individual or team sport. Prerequisite: KIN 198.

One Credit Staff Both Semesters

299. Internships in Physical Education or Exercise Science — This program presents opportunities for students to pursue practical work experience in their chosen field of study as it relates to their professional plans. It is expected that the student intern will be a junior or senior with a major or minor in kinesiology. The department expects the student to have completed coursework necessary to carry out the objectives of the internship as well as possess the habits and motivation to be of benefit to the sponsoring agency. An application for the internship must be completed and approved the semester prior to the experience. Prerequisite: Written permission of academic advisor. *One to Three Credits Staff Both Semesters, May Term or Summer*

KINESIOLOGY

301. Motor Development — The purpose of this course is to develop student awareness of how motor behavior is developed as a child grows. Special emphasis is given to the study of the acquisition of fundamental motor skills and physical growth and development across the lifespan. *Three Credits S. Smith Spring Semester*

305. Instructor's First Aid/CPR — This course provides health education minors and other students with American Red Cross certification in instructor's training that will allow them to teach and certify students in first aid and CPR. There is a heavy emphasis on how to effectively teach first aid/CPR skills and "hands-on" learning. Prerequisite: KIN 205. *Two Credits Brumels Fall Semester*

307. Introduction to Nutrition — The course is designed to develop student awareness of the nutritional implications of food choices. The basics of food nutrients will be studied as well as what nutrients do in and for the body. *Three Credits Sears Both Semesters*

308. Nutrition and Athletic Performance — A study of the relationship between nutrition and physical performance. Subjects to be covered include, but are not limited to, comparison of contemporary diets for athletes; and the function of carbohydrates, fat, protein, vitamins, and minerals in relation to physical performance. Additionally, various popular ergogenic aids will be discussed. It is recommended, but not required, that the student take KIN 222 and 307 prior to taking this course. *Three Credits Sears Spring Semester*

322. Regulation of Human Metabolism — This course focuses on the underlying metabolic events that occur in association with exercise. Skeletal muscle metabolism and substrate delivery are discussed with respect to the intracellular biochemical events involved in regulation of the energy provision pathways. Advanced level. Prerequisites: BIOL 221, CHEM 103, KIN 222, 223, PSY 200. *Four Credits Dunn Both Semesters*

323. Exercise Science and Health — Designed to familiarize the student with specialized knowledge in exercise science with application to health and fitness, advanced level. Includes pathophysiology of various diseases and the effects of physical activity on each. Prerequisites: BIOL 221, KIN 222, 223 (Lab). *Three Credits Dunn Both Semesters*

324. Fitness Assessment and Exercise Prescription — The purpose of this class is to provide a well-balanced, integrated approach to the assessment of physical fitness and the design of exercise programs. Prerequisites: BIOL 221, KIN 222, 223. *Three Credits Cole, Northuis Both Semesters*

325. Science and Development of Strength and Power — This class is designed to provide the student with specific knowledge of the changes which occur within the body during strenuous workouts, and how these changes relate to increased performance. Prerequisites: BIOL 221, KIN 222. *Three Credits Patnott Spring Semester, Even Years*

326. Children, the Elderly, and Exercise: Fitness and Health — The purpose of this course is to familiarize the student with the specialized knowledge in exercise science with application to health and fitness benefits and potential risks in children and older adults. Three lectures per week. Prerequisites: BIOL 221, KIN 222. *Three Credits Northuis Spring Semester, Even Years*

330. Principles and Practices of Coaching — The purpose of this course is to familiarize students who are preparing to become athletic coaches with the special

KINESIOLOGY

knowledge needed to deal with people. One night class per week.

Three Credits Kreps Fall Semester

340. Injury Prevention and Care — This course provides the student with the knowledge and skills essential for the proper prevention and care of injuries. It is designed primarily for students contemplating careers in athletic training, sports medicine, coaching, and exercise science. Prerequisites: KIN 200, 205.

Three Credits Gruppen Fall Semester

344. Basic Methods of Teaching Physical Education and Field Experience — This course emphasizes task analysis, lesson planning, unit planning, styles of teaching, curriculum models, and behavior management in the physical education setting. The format will be three days per week in lecture and one day per week in field experience settings.

Four Credits S. Smith Fall Semester

345. Methods of Teaching Early Physical Education and Field Experience — This course is taken after KIN 344 and applies the principles learned and mastered in KIN 344 to the situations encountered in a local elementary school setting. Prerequisite: KIN 344.

Three Credits Fritz Fall Semester

346. Methods of Teaching Secondary Physical Education and Field Experience — This course is taken after KIN 344. Emphasis will be placed on development of activity-specific unit planning for the secondary level. Application of material presented in KIN 344 will be required. Practical application by placements in local high school and/or middle school settings will be included in this course. Prerequisite: KIN 344.

Three Credits Vander Meer Spring Semester

350. Adapted and Therapeutic Physical Education — A course designed to introduce students to methods of teaching children with disabilities. The laws and issues regarding individualizing the educational process in physical education are examined. Practical application is included by placement in an adapted physical education setting one hour each week.

Three Credits S. Smith Fall Semester

351. Planning Coordinated School Health Programs — This course provides prospective school health educators with an understanding of the nature, scope, function, and integration of health instruction and other coordinated school health program components. It allows candidates to develop competencies in assessing needs, planning instruction, and evaluating health programs in schools, as well as develop specific skills related to using technology and advocating for school health programs. Prerequisites: KIN 203, 251, 307.

Three Credits Kamstra Spring Semester

371. Sport Psychology — The purpose of this course is to gain an understanding of the relationship of human behavior to sport and how sport influences human behavior. Emphasis is given to the theory, research and application in the area of sport psychology. Prerequisite: PSY 100.

Three Credits Schmidt Spring Semester

383. Mechanical Analysis of Human Movement — Basic biomechanical principles as they underlie efficient movement are explored and applied to fundamental physical skills and sport. A knowledge of physics will make the course more meaningful, but it is not a prerequisite. The utilization of mathematical formula is limited. In most cases the stress is on the practical application of formula and not on computational procedures.

Three Credits Staff Fall Semester

385. Injury Assessment I — This course helps students understand the theory and application of various assessment methods used to evaluate injuries of the upper extremity, trunk, and head. It is primarily intended for students in the athletic training education major, but may be of interest to pre-medical and pre-physical therapy

KINESIOLOGY

students. Prerequisites: KIN 200, BIOL 221.

Three Credits Staff Spring Semester, Even Years

386. Injury Assessment II — This course helps students understand the theory and application of various assessment methods used to evaluate injuries of the lower extremity and spine. It is primarily intended for students in the athletic training education major, but may be of interest to pre-medical and pre-physical therapy students. Prerequisites: KIN 200, BIOL 221.

Three Credits Brumels Spring Semester, Even Years

398. Athletic Training Practicum III — This course provides students with the opportunity to develop competence in a variety of mid-level and advanced athletic training skills. Specific skills to be developed include, but are not limited to, aquatic therapy, management of upper and lower extremity injuries, and management of lumbar, abdominal, and chest injuries. Students will also observe surgery. Students are assigned to supervised clinical experiences as athletic trainers for an individual or team sport. Students may be assigned to one or more off-campus clinical affiliations. Students at this level will develop instructional skills by acting as peer-helpers for level I and II students. Clinical experiences are accompanied by a one-hour seminar each week. Prerequisite: KIN 298.

One Credit Staff Both Semesters

401. Therapeutic Modalities — This course helps students understand the theory and application of various physical medicine devices commonly used in athletic training and sports medicine clinical settings. It is primarily intended for students in the athletic training education major, but may be of interest to pre-medical and pre-physical therapy students. Prerequisites: KIN 200, BIOL 221.

Three Credits Frens Fall Semester, Even Years

402. Therapeutic Exercise — This course helps students understand the theory and application of exercise methods and manual therapies commonly used in athletic training and sports medicine clinical settings for the rehabilitation of injuries. It is primarily intended for students in the athletic training education major, but may be of interest to pre-medical and pre-physical therapy students. Prerequisites: KIN 222, 223.

Three Credits Staff Fall Semester, Even Years

404. Seminar in Athletic Training Administration — This course helps students understand the theory and application of managerial skills commonly employed in sports medicine settings. A heavy emphasis on the case method of instruction will help students apply administrative concepts in situations similar to those they will face in professional practice. Prerequisite: KIN 340.

Two Credits Staff Fall Semester, Odd Years

405. Non-Orthopedic Conditions — This course is designed to help students gain an understanding of the various non-orthopedic conditions seen in physically active populations. Students will not only learn about common illnesses and their management, but they will also develop basic medical assessment and referral skills. Pharmacologic treatment is covered in this course. The course is primarily intended for students in the athletic training major, but may be of interest to nursing, pre-medical, and pre-physical therapy students. Prerequisites: KIN 340.

Two Credits Staff Spring Semester, Odd Years

451. Health Education Methods and Field Placement — This lecture/lab course is designed to help health education minors develop competencies in planning and implementing health instruction and related learning opportunities. Attention focuses on developing the following skills: designing grade-level programs; preparing lesson plans and materials utilizing existing resources; applying primary teaching strategies

KINESIOLOGY

used in health education; and delivering lessons that synthesize student outcomes, specific content, teaching strategies, student activities, and materials for all student abilities. This course also includes a school-based practicum. Prerequisite: KIN 351. *Three Credits Staff*

453. Sexuality Education — This course provides content- and process-oriented opportunities, based on current research and best-practice strategies, for health education minors who will teach sexuality education in schools. Students will enhance their understanding of human sexuality with knowledge and skills that will enable them to plan, implement, and evaluate developmentally-appropriate instruction related to sexuality education. Prerequisite: KIN 351. *Two Credits Staff*

455. Measurement and Evaluation in Health Education — This course provides a forum for developing measurement and evaluation skills relevant to health education in schools. Health education minors will develop competencies related to needs assessment and student/program evaluation, which are aligned with current best practice (performance-based assessment and rubric development) and available resources (State Collaborative for Assessing Student Standards: Health Education Assessment Project). Prerequisite: KIN 351. *Three Credits Staff*

490. Independent Study — This course provides opportunity for the pursuit of an independent research study or in-depth reading in a specific area of interest. Prerequisite: Experience in a research methods course is strongly recommended. departmental approval required prior to registration for this course. *One, Two or Three Credits Staff Both Semesters*

498. Athletic Training Practicum IV — This course provides students with the opportunity to develop competence in a variety of mid-level and advanced athletic training skills. Specific skills to be developed include, but are not limited to, management of upper extremity injuries, management of cervical, head and facial injuries, and management of dermatologic conditions and other illnesses. Students will prepare for the Board of Certification examination by completing mock oral-practical examinations. Students may be assigned supervised clinical experiences as athletic trainers for an individual or team sport. Students will be assigned to one or more off-campus clinical affiliations. Students at this level will develop instructional skills by acting as peer-helpers for level I, II, and III students. Clinical experiences are accompanied by a one-hour seminar each week. Prerequisite: KIN 398. *One Credit Staff Both Semesters*

499. Special Studies in Exercise Science — This class is designed to give senior exercise science students an opportunity to pursue a topic of their choosing in a supervised setting. The project may take one of two forms: 1) laboratory research, or 2) a scholarly project using the library. In both cases a thorough literature review will be required. Prerequisite: permission of instructor. *One to Three Credits Cole, Dunn, Northuis, Patnott, Sears Both Semesters*



Faculty: Mr. VanderVeen, director; Ms. Awad, associate director; Ms. Anderson, Mr. Jackson, Ms. TenHaken.

The purpose of the Center for Faithful Leadership (CFL) is to enhance campus-wide efforts to educate students for lives of leadership and service in a global society through academic and co-curricular programs. These efforts involve providing students with opportunities to grow and learn experientially through concrete experience, reflective observation, abstract conceptualization, and active experimentation. The vision of the Center for Faithful Leadership is that Hope graduates a large cadre of students who are more confident in their leadership abilities and more effective in servant leadership; “so that those served grow as persons become healthier, wiser, freer, more , and more likely themselves to become servants.” (Robert Greenleaf)

The **Organizational Leadership Practice minor** is one of the opportunities CFL provides. The minor consists of 20 credit hours, including the core courses, substitutes, and activities listed below. The core courses consist of:

- LDRS 201: Introduction to Leadership (2 credits).
- MGMT 221: Principles of Management (4 credits); **or** MGMT 222: Management Perspectives and Theory
- COMM 335: Leadership Skills and Perspectives (4 credits); **or** COMM 220: Task Group Leadership; **or** COMM 330: Organizational Communication
- LDRS 391: Independent Study Team Projects in Leadership (4 credits)
- LDRS 399: Internships in Leadership (4 credits)
- LDRS 401: Leadership Capstone Seminar (2 credits)
- CFL’s Mentoring Program, in which students are mentored (0 credit hours)
- Service Learning, in which students mentor others (0 credit hours)

In addition to the minor in Organizational Leadership Practice, the Center for Faithful Leadership offers experiential learning opportunities through a certificate program. The certificate program is similar to the minor, but excludes the coursework in MGMT and COMM. The certificate program also substitutes an Institute for Student Consulting service learning team project for LDRS 391 and LDRS 399.

The Center for Faithful Leadership also sponsors a mentoring program open to all students, roundtables for students in leadership positions on campus, a student organization focused on business and social entrepreneurship, and the Institute for Student Consulting. For more information, please contact the Center for Faithful Leadership or visit its Web site at www.hope.edu/academic/leadership.

LEADERSHIP COURSES

LDRS 201: Introduction to Leadership — An introduction to the practice and study of leadership; although this course is open to all students, it is intended for students interested in completing the Leadership Practice certificate program or the Organizational Leadership Practice minor. Students are introduced to concepts associated with servant leadership through various readings and a significant service learning team experience. Prerequisites: none.

Two Credits VanderVeen Fall and Spring Semesters

MGMT 221: Principles of Management — A course that introduces students to modern management principles and processes associated with both for-profit and not-for-profit organizations. Topics include the functions of planning, organizing, leadership and control. Current problems facing businesses are reviewed. Changing patterns of management are discussed. Prerequisites: none. This course is designed for non-management majors.

Four Credits Jackson, TenHaken Fall and Spring Semesters

LEADERSHIP

LDRS 299: Internships in Student Leadership Development — An experience integrating concurrent student leadership experiences with readings and faculty and staff-guided reflections. The goal of the course is to help students integrate theory with practice. Enrollment in the class is coordinated through the associate director of the Center for Faithful Leadership.

One Credit Awad and VanderVeen Fall and Spring Semesters

COMM 335: Leadership Skills and Perspectives — This course examines the complex and rich process of leadership in two main ways: 1) by studying the main theories of leadership, including traits, skills, styles, situational and transformational leadership, as well as leadership ethics; and 2) by teaching through personal assessment and group projects the essential competencies leaders need to be effective. This course helps students develop leadership skills, practice critical thinking, engage the local community and integrate their faith with an understanding of leadership. Junior standing or permission of the instructor required.

Four Credits Anderson Fall Semester

LDRS 391: Independent Study Team Projects in Leadership — An independent study team project provides students an opportunity to broaden their perspectives or intensify study in a leadership area of unique interest. Prerequisites: LDRS 201, junior or senior standing, and/or permission of the Center for Faithful Leadership director.

Four Credits VanderVeen Fall and Spring Semesters

LDRS 399: Internships in Leadership — An experience integrating an internship with readings and faculty-guided reflections with the goal of helping students integrate theory with practice as a foundation for leadership. Enrollment in the class is dependent upon students finding their own internship placements by working with Hope's Office of Career Services. Prerequisites: LDRS 201, junior or senior standing, and/or permission of the Center for Faithful Leadership director.

Four Credits VanderVeen Fall and Spring Semesters

LDRS 401: Leadership Capstone Seminar — An integrative experience intended for students completing the Leadership Practice certificate program or the Organizational Leadership Practice minor. Students will review and reflect on leadership perspectives, skills, and dispositions previously learned and applied and present portfolios and future plans in a public forum. Prerequisites: LDRS 201; MGMT 221 or 222; COMM 220, 330, or 335; senior standing.

Two Credits VanderVeen Fall and Spring Semester



Faculty: Mr. Stephenson, Chairperson; Mr. Bekmetjev, Mr. Cinzori, Ms. DeYoung, Ms. Edwards, Mr. Pearson, Mr. Pennings*, Mr. Stoughton, Mr. Swanson, Mr. Tintle*, Ms. Vance, Ms. Vanderstoep.

Mathematics is the study of patterns, both quantitative and spatial. As such, it is the key to understanding our natural and technical world. Through the study of mathematics, students develop skills in problem solving, critical thinking, and clear, concise writing. The Department of Mathematics offers courses which serve as a fundamental part of a liberal education and as a basis for work in other disciplines. In addition, the department offers a complete major program providing opportunities for a deeper study of mathematics. Mathematics majors pursue a wide range of career options, including work in teaching, business, industry and government service. Many mathematics majors choose to continue their studies with graduate work in mathematics, statistics, computer science or other fields which require significant mathematical background, such as economics or science.

The department also provides opportunities for independent study and research. Collaborative student/faculty research projects have been conducted in the areas of mathematical modeling, chaos theory, dynamical systems, statistics, real analysis, algebra, and bioinformatics. Study abroad opportunities are available in Budapest, Hungary and Aberdeen, Scotland. In addition, majors can study off-campus at a variety of domestic locations such as Oak Ridge National Laboratory.

The Department of Mathematics offers both a Bachelor of Science and a Bachelor of Arts in mathematics. Many of our majors are double majors or minors in areas such as chemistry, physics, computer science, and economics. We also have majors who have a second major or minor in areas such as music and English. About two thirds of our mathematics majors become teachers. We offer a Mathematics Secondary Education Major and a Mathematics Secondary Education Minor for students intending to become middle school or high school mathematics teachers. We also offer a Mathematics Elementary Education Major and a Mathematics Elementary Education Minor for students going into elementary teaching.

BACHELOR OF ARTS DEGREE: The requirement for a Bachelor of Arts degree in mathematics is a plan of study designed in consultation with a departmental advisor, and includes a total of at least 33 credits in mathematics as follows:

- a) MA 280, 331 and 341 must be included;
- b) additional credits chosen from the following courses: MA 126, 131, 132, 231, 232, and all courses numbered above 300 except 323.

See individual course descriptions for prerequisites.

BACHELOR OF SCIENCE DEGREE: The requirement for a Bachelor of Science degree in mathematics is a plan of study designed in consultation with a departmental advisor, and includes a total of 60 credits of courses from the natural science division, of which at least 39 credits must be in mathematics as follows:

- a) MA 280, 331 and 341 must be included;
- b) additional credits chosen from the following courses: MA 126, 131, 132, 231, 232, and all courses numbered above 300 except 323.

See individual course descriptions for prerequisites.

MATHEMATICS SECONDARY EDUCATION MAJOR: The requirement for a Bachelor of Arts degree in mathematics for those intending to become middle

*Sabbatical Leave, Fall Semester 2008

MATHEMATICS

school or high school mathematics teachers is a plan of study designed in consultation with a departmental advisor, and includes a total of at least 33 credits in mathematics as follows:

- a) MA 280, 311, 312, 321, 331, 341, and 351 must be included;
- b) additional credits chosen from the following courses: MA 126, 131, 132, 231, 232, and all courses numbered above 300 except 323;

MA 323 must also be taken (this counts as education credit, and does not count toward the 33 mathematics credits).

MATHEMATICS SECONDARY EDUCATION MINOR: The requirement for a minor in mathematics for those intending to become middle school or high school mathematics teachers is a plan of study designed in consultation with a departmental advisor, and includes a total of at least 23 credits in mathematics as follows:

- a) A 231, 280, 311, 312, 321, and 351 must be included;
- b) additional credits chosen from the following courses: MA 126, 131, 132, 232, and all courses numbered above 300 except 323;

MA 323 must also be taken (this counts as education credit, and does not count toward the 23 mathematics credits).

MATHEMATICS MINOR: A minor in mathematics consists of at least 19 credits from the following courses: MA 126, 131, 132, 231, 232, 280, and all courses numbered above 300 except 323.

MATHEMATICS ELEMENTARY EDUCATION MAJOR: The requirement for a major in mathematics with elementary teaching emphasis is a plan for study designed in consultation with a departmental advisor, and includes a total of at least 33 credits in mathematics as follows: a) Complete MA 126 or MA 131. b) Complete MA 132, 205, 206, 231, 280, 311, 312, 321 and 351. c) Complete at least 4 additional credits selected from MA 207, MA 208, and GEMS courses centered on mathematical topics (GEMS 100 to 150).

MATHEMATICS ELEMENTARY EDUCATION MINOR: The requirement for a minor in mathematics with elementary teaching emphasis is a plan of study designed in consultation with a departmental advisor, and includes a total of at least 22 credits in mathematics as follows:

- a) Complete two courses from MA 123, 125, 126, 131, 132 for a total of 8 credits.
- b) Complete MA 205, 206 and 210
- c) Complete at least 4 additional credits selected from MA 207, MA 208, and GEMS courses centered on mathematical topics (GEMS 100 to 150).

Note: A student cannot receive credit for both MA 123 and MA 125, and a student cannot receive credit for both MA 126 and MA 131.

Mathematics Courses

123. A Study of Functions — A study of functions including polynomial, rational, exponential, logarithmic, and trigonometric functions. These will be explored in their symbolic, numerical, and graphic representations, and connections between each of these representations will be made. A graphing calculator is required. A student cannot receive credit for both MA 123 and MA 125. *Four Credits Spring Semester*

125. Calculus with Review I — This course covers the material typically taught in the first half of a Calculus I course. The calculus material is supplemented by reviewing topics of high school mathematics as needed. The calculus topics are also

MATHEMATICS

taught at a slower pace. Topics include function review, limits and continuity, the concept (and definition) of a derivative, and differentiation rules (product rule, quotient rule, chain rule are included). A student cannot receive credit for both MA 125 and MA 123. *Four Credits Fall Semester*

126. Calculus with Review II — This course is a continuation of MA 125. The topics covered are the topics typically taught in the second half of a Calculus I course. The calculus material in the course is supplemented by reviewing topics of high school mathematics as needed. The calculus topics are also taught at a slower pace. Topics include implicit differentiation, applications of differentiation, L'Hospital's rule, Newton's method, the integral, and applications of integration. A student cannot receive credit for both MA 126 and MA 131. Prerequisite: completion of MA 125 with a grade of C- or better, or permission of instructor. *Four Credits Spring Semester*

131. Calculus I — Topics include functions, limits, continuity, differentiation, integration, and applications of the derivative and integral. A student cannot receive credit for both MA 131 and MA 126. *Four Credits Both Semesters*

132. Calculus II — Topics covered include techniques of integration, applications of the integration, sequences, infinite series, power series, introduction to differential equations, and polar coordinates. Prerequisite: completion of MA 126 or MA 131 with a grade of C- or better, or permission of instructor. *Four Credits Both Semesters*

205. Mathematics for Elementary Teachers I — A course sequence in mathematics content designed to explore fundamental aspects of the mathematics encountered in grades K-8. First semester topics include patterns, problem solving, sets, geometry, operations with whole numbers, rational and real numbers. For prospective elementary teachers only. *Four Credits Fall Semester*

206. Mathematics for Elementary Teachers II — A continuation of MA 205. Topics include measurement, probability, computation algorithms, matrices, finite graphs, and trees. For prospective elementary teachers only. Prerequisite: MA 205 or permission of the instructor. *Two Credits Spring Semester*

207. K-8 Mathematics Software Applications — A course designed to deepen understanding of mathematical concepts by exploring several available software packages, including LOGO. For prospective elementary teachers only. Prerequisite: completion of MA 205 or permission of instructor. *Two Credits Spring Semester, Odd Years*

208. Problem Solving for Elementary Teachers — A course designed to integrate content areas of mathematics with the practice of problem solving. Emphasis will be given to group work, oral presentation and multiple solution methods. For prospective elementary teachers only. Prerequisite: MA 205 or permission of the instructor. *Two Credits Spring Semester, Even Years*

210. Introductory Statistics — Activities and projects are used to motivate and illustrate statistical concepts. Data collected by students are integrated into this course. Data are examined visually and numerically. Correlation and regression are used to determine relationships in paired data. The binomial and normal distributions are included. Estimation, confidence intervals, and tests of hypotheses are studied. A statistical software package and a statistical calculator are used. This is a general introduction to descriptive and inferential statistics. A student may not receive credit for both MA 210 and MA 311. *Four Credits Both Semesters*

MATHEMATICS

- 231. Multivariable Mathematics I** — The study of linear algebra and ordinary differential equations. Prerequisite: completion of MA 132 with a grade of C- or better, or permission of instructor *Four Credits Both Semesters*
- 232. Multivariable Mathematics II** — The study of systems of differential equations and multivariable calculus including differentiation, multiple integration, and calculus on vector fields. Prerequisite: completion of MA 231 with a grade of C- or better, or permission of instructor. *Four Credits Both Semesters*
- 280. Bridge to Higher Mathematics: An Introduction to Mathematical Proof** — An introduction to the understanding and creation of rigorous mathematical argument and proof. Topics include properties of the integers, real numbers, and integers modulo n . Additional topics may include mathematical induction, elementary set theory, elementary number theory, recursion formulas, counting techniques, equivalence relations, partitions and cardinality of sets. There will be a heavy emphasis on writing, in particular the writing of mathematical arguments and proofs. Prerequisite: MA 132. *Two Credits Spring Semester*
- 295. Studies in Mathematics** — A course offered in response to student interest and need. Covers mathematical topics not included in regular courses. Prerequisite: permission of instructor or department chairperson. *One, Two or Three Credits Both Semesters*
- 311. Statistical Methods** — A first course in statistical methods, this course covers the basics of descriptive and inferential statistics. Course topics include numerical and graphical descriptive techniques, confidence intervals, hypothesis testing and simple linear regression. Prerequisite: MA 132. A student may not receive credit for both MA 210 and MA 311. *Two Credits Spring Semester*
- 312. Applied Statistical Models** — This course provides a survey of statistical methods students would expect to see utilized across disciplines in peer reviewed research. Topics include multiple and non-linear regression, non-parametric methods, general linear models, and multivariate statistical models. Students will learn by way of case studies on real data. Prerequisite: MA 210 or 311. *Two Credits Spring Semester*
- 321. History of Mathematics** — This course is designed to give mathematics students an opportunity to study the various periods of mathematical development. Attention will be given to the early Egyptian-Babylonian period, the geometry of Greek mathematicians, the Hindu and Arabian contribution, the evolution of analytical geometry since Descartes, the development of calculus by Newton and Leibniz, and non-Euclidean geometry. Some attention will be given to the methods and symbolisms used in problem solving during various periods of time. Prerequisite: MA 132. *Two Credits Fall Semester*
- 323. Teaching of Mathematics in the High School** — Methods of teaching mathematics with emphasis on varied approaches, classroom materials, curriculum changes, and trends in mathematics education. Same as Educ. 323. Prerequisite: admission to the Teacher Education program. *Two Credits Fall Semester, Odd Years*
- 331. Real Analysis I** — Study of the real number system, sequences, functions, continuity, uniform continuity, differentiation, and theory of integration. Prerequisite: MA 232 and 280, or permission of instructor. *Three Credits Fall Semester*
- 332. Real Analysis II** — A continuation of MA 331 including functions of several variables, series, uniform convergence, Fourier Series. Prerequisite: MA 331. *Three Credits Spring Semester, When Offered*

MATHEMATICS

- 334. Complex Analysis** — The study of the algebra and geometry of complex numbers, analytic functions, complex integration, series, conformal mapping. Prerequisite: MA 232, or permission of instructor. *Three Credits Fall Semester, Odd Years*
- 341. Algebraic Structures I** — An introduction to algebraic systems including a study of groups, rings, and integral domains. Prerequisite: MA 232 and 280, or permission of instructor. *Three Credits Fall Semester*
- 342. Algebraic Structures II** — A continuation of MA 341 including a study of topics in fields, Galois theory, advanced linear algebra. Prerequisite: MA 341. *Three Credits Spring Semester When Offered*
- 345. Linear Algebra** — The study of abstract vector spaces, matrices and linear transformations, determinants, canonical forms, the Hamilton-Cayley theorem, inner product spaces. Prerequisite: MA 232. *Three Credits Spring Semester, Even Years*
- 351. College Geometry** — A modern approach to geometry for students with some background in calculus and an interest in secondary teaching. Attention is given to the role of axioms in elementary geometry and in the development of other geometries. Prerequisites: MA 231 or permission of instructor. *Three Credits Fall Semester*
- 361. Introduction to Probability** — This course provides an introduction to both discrete and continuous probability. Topics include conditional probabilities and independence, combinations and permutations, Bayes' theorem, popular discrete and continuous distributions (e.g., binomial, normal, Poisson, exponential), bivariate and multivariate distributions, covariance and correlation, moment generating functions and limit theorems. Prerequisite: MA 231. *Three Credits Fall Semester, Even Years*
- 362. Mathematical Statistics** — Emphasis on inferential statistics. Estimation, confidence intervals, testing of statistical hypotheses, regression and correlation, analysis of variance, control charts, non-parametric methods. Prerequisite: completion of MA 361. *Three Credits*
- 363. Probability Problem Solving Session** — This course runs concurrent to MA 361 and serves as an opportunity to practice probability problems. This session is recommended for all students in MA 361. Corequisite: MA 361. *One Credit Fall Semester, Even Years*
- 364. Laboratory for Mathematical Statistics** — This computer-based laboratory uses *Maple* to aid in the learning and understanding of statistical concepts. Corequisite: MA 362. *One Credit*
- 370. Advanced Differential Equations** — Advanced topics in ordinary differential equations including series solutions and orthonormal sets of solutions. Introduction to partial differential equations including the heat equation, the wave equation and the potential equation. Boundary value problems and Fourier Series will also be covered. Prerequisite: MA 232. *Three Credits Spring Semester, Odd Years*
- 372. Numerical Analysis** — The study of the source and analysis of computational error, finding the solution of an equation, systems of linear equations, interpolation and approximation, and numerical integration. Prerequisites: Computer Science 120, and MA 232. *Three Credits Spring Semester, Even Years*
- 375. Operations Research** — Decision making using mathematical modeling and optimization. Linear programming. Network analysis. Dynamic programming. Game theory. Queuing theory. Computer programs may be written to implement these techniques. Prerequisite: MA 232. *Three Credits*
- 399. Mathematics Seminar** — A course for senior mathematics majors which includes problem solving, student presentations on mathematical topics, mathematical

MATHEMATICS

modelling, and discussions on the history and philosophy of mathematics. Attendance at department colloquia also required. *Two Credits*

434. Elementary Topology — A systematic survey of the standard topics of general topology with emphasis on the space of real numbers. Includes set theory, topological spaces, metric spaces, compactness, connectedness, and product spaces. Prerequisite or corequisite: MA 331. *Three Credits*

490. Independent Study and Research — Course provides opportunity for a junior or senior mathematics major to engage in an independent study project or a research project in an area of mathematics in which the student has special interest. Prerequisite: permission of the chairperson of the department. *One, Two or Three Credits Both Semesters*

495. Advanced Studies in Mathematics — Offered as needed to cover topics not usually included in the other mathematics courses. A student may enroll for either or both semesters. Prerequisite: permission of the chairperson of the department. *One, Two or Three Credits Both Semesters*



Faculty: Ms. Johnson, Director; Mr. Bandstra, Mr. Banner, Mr. Bouma-Prediger, Mr. Hoogerwerf, Mr. Husbands, Ms. Japinga, Mr. Lindell, Mr. Muñoa, Ms. Powers, Mr. Tyler*, Mr. Van Til.

The studies in ministry minor is dedicated to preparing students, theologically and practically, for lay ministry positions in churches and Christian organizations. It aims to provide students who are discerning a call to Christian ministry with the theological framework, practical experience, spiritual disciplines, and mentoring guidance necessary to embark upon a lifetime of involvement in Christian ministries. Through coursework, year-long internships, and relationships with each other and mentors, students in this program will be prepared for possible future theological education and various entry-level ministry positions in churches and organizations — locally and worldwide.

This program will prepare students for such ministries as: youth ministry; worship leadership; community development, missions, and social agencies; lay ministry within the church; and, where appropriate, future seminary training and theological education.

The studies in ministry minor is grounded in a belief in the Triune God, and in a belief that we are called to love others as God has loved us. Thus its goals are (1) to help students explore Christian ministry as vocation; 2) to equip students for Christian ministry by nurturing a community of learners who can love, think, discern, serve, and pray together; 3) to foster the development of a theological framework for ministry; 4) to encourage students to develop spiritual disciplines that will sustain a lifetime of discipleship and service; 5) to provide all students with the opportunity to begin a lifelong love of theology and commitment to the church; 6) to serve the church by providing women and men who have been trained to lead and serve in many different aspects of Christian ministry

The minor has three different tracks: Youth Ministry, Worship Leadership (with two sub-tracks: pastoral and musical), and Social Witness. Depending on the track chosen, the minor will comprise 25 or 26 credit hours, to be distributed across required classes, electives, and an internship. Before applying for acceptance into the minor, students are required to take two prerequisite courses: a two-credit gateway course (MIN 201) and one of the following 200-level Religion courses: REL 220 or 240 or 260. The gateway course is designed to help provide students with a common language for thinking about theology and ministry, as well as to help them in their discernment process as they decide whether to pursue this minor. Students must have taken it or be enrolled in it to be eligible to apply for acceptance into the Studies in Ministry minor. (Details of the application process will be provided during MIN 201.)

All students accepted into the minor are required to take another 200-level Religion course from the list above (which must be REL 220 if it has not already been taken), a capstone seminar course sequence, and a six-credit internship. The four-credit capstone sequence will meet across one school year-two courses of two credits each. It will, in most cases, be taken at the same time as students are doing their required internship. The six-credit internship will require nine hours per week of involvement with a ministry or organization throughout one school year (totaling 252 hours), as well as meetings every other week with a student's mentor. This internship requirement may take a different shape for the Social Witness track depending on options available/chosen by the student (see below).

In addition, each of the three tracks within the minor has one required concentration course and one or two elective courses, depending on the track.

*Sabbatical Leave, Spring Semester 2009

STUDIES IN MINISTRY

During the year when students are not participating in an internship, they will meet together with a peer group once a month to explore and develop spiritual disciplines, under the guidance of the director of the minor.

Each student will be matched with a mentor for the duration of the student's involvement in the minor. Mentors will be chosen in conversation with students, their internship supervisors where applicable, and the director of the minor. Students will be required to participate in four training seminars that cover topics such as diversity, sexual assault/harassment, budget and administration, and counseling.

Required Courses for All Tracks

Prerequisites:

MIN 201 Foundations for Theology and Ministry (2 credits)

One of the following religion courses: REL 220 Introduction to Biblical Literature (4 credits), REL 240 Introduction to History of Christianity (4 credits) or REL 260 Introduction to Theology (4 credits)

Required Courses:

One additional religion course from those listed above (must be REL 220 if not already taken)

MIN 371 Theology of Ministry I (2 credits)

MIN 372 Theology of Ministry II (2 credits)

MIN 398 Internships in Ministry I (3 credits)

MIN 399 Internships in Ministry II (3 credits)

Required Courses by Track

YOUTH MINISTRY (26 required credits)

For specific training in youth ministry settings, whether in churches or para-church organizations.

Additional required course:

REL 351 Theology of Youth Ministry (4 credits)

In addition to the required courses, students must take 8 credits of flagged courses, 4 credits from each block. Please note that some of these courses have prerequisites.

Block A:

PSY 230 Developmental Psychology (4 credits)

SWK 232 Social Work with Families (2 credits) **and**

SOC 233 Sociology of the Family (2 credits)

PSY 280 Social Psychology (4 credits)

Block B:

COMM 140 Public Presentation (4 credits)

COMM 210 Interpersonal Communication (4 credits)

COMM 220 Task Group Leadership (4 credits)

WORSHIP LEADERSHIP (25 required credits)

For specific training in music and/or pastoral leadership within worshipping communities, whether traditional or contemporary. Selection requirements and track expectations will differ depending on whether a student is more interested in musical or pastoral leadership.

Additional required courses:

MIN 321 Theology of Music and Worship (4 credits)

MUS 328 Music in the Church (3 credits)

In addition to the required courses, students must take 4 credits of flagged courses. Flagged courses differ by sub-track. Please note that some of these courses have prerequisites.

STUDIES IN MINISTRY

Pastoral sub-track:

PSY 280 Social Psychology (4 credits)

COMM 140 Public Presentation (4 credits)

COMM 210 Interpersonal Communication (4 credits)

THEA 110 Acting for the Non-Major (2 credits) **and**

THEA 130 Oral Interpretation of Literature (2 credits)

Musical sub-track:

4 credits of music courses, to be determined on a case-by-case basis depending on skills and interests of student

SOCIAL WITNESS (25 required credits)

For specific training in community development work, social agencies, or mission work, whether national or international.

Additional required course:

REL 395 Theology of Social Witness and Mission (3 credits)

In addition to the required courses, students must take 8 credits of flagged courses, 4 credits from each block. Please note that some of these courses have prerequisites.

Block A:

PSY 280 Social Psychology (4 credits)

COMM 140 Public Presentation (4 credits)

COMM 210 Interpersonal Communication (4 credits)

COMM 371 Intercultural and Gender Communication (4 credits)

Block B:

POL 251 International Relations (4 credits)

POL 295 Global Poverty (4 credits)

REL 280 Introduction to World Religions (4 credits)

WS 160 Global Feminisms (4 credits)

WS 200 Introduction to Women's Studies (4 credits)

SOC 269 Race and Ethnic Relations (2 credits) **and**

SOC 356 Social Movements (2 credits)

STUDIES IN MINISTRY COURSES

201. Foundations for Theology and Ministry — This course explores the relationship between Christian theology and ministry. Basic theological concepts and doctrines will be introduced and studied in terms of their relationship to Christian worship, discipleship, and proclamation. The importance of worship, the Church, Christian theology, Christian spirituality, and contemporary culture for the practice of ministry will be explored. This course is a prerequisite for applying to the Studies in Ministry minor. *Two Credits Johnson Spring Semester*

321. Theology of Worship and Music — This course will explore the unique role that music plays in the spiritual growth of a Christian disciple and in a corporate body of believers. We will consider how different types of music may be more or less appropriate for the various movements of worship (exaltation, celebration, confession, supplication, intercession, remembrance) and how the pious practices of the faith intersect with our ordinary and mundane lives by studying the movements of worship in the church calendar, with particular emphasis given to the sacraments and the Trinity. *Four Credits Banner Fall Semester*

371. Theology of Ministry I — This course is the first part of a two-part course sequence designed to help integrate the different classroom, experiential, and spiritually nurturing components of the Studies in Ministry minor within a theological framework for Christian life and ministry. Taken concurrently with students' required

STUDIES IN MINISTRY

internship, in most cases, the course will provide opportunity for reflection upon both students' ministry experience and the theological underpinnings for ministry.

Two Credits Johnson Fall Semester

372. Theology of Ministry II — This is the second course in a two-part course sequence designed to help students integrate the different classroom, experiential, and spiritually nurturing components of the Studies in Ministry minor within a theological framework for Christian life and ministry. The end result of this course will be the development by each student of a theology and philosophy of ministry that can help to frame and sustain his or her current and future life of ministry.

Two Credits Johnson Spring Semester

398. Internships in Ministry I — A closely supervised practical experience in a church, para-church ministry, community development organization, or other relevant setting. This experience will involve nine hours a week of supervised involvement with the ministry or organization for a full academic year. The internship includes regular meetings with an on-site supervisor and bi-weekly meetings between student and mentor, as well as the creation of a Learning Covenant by each student.

Three Credits Staff Fall Semester

399. Internships in Ministry II — This course is a continuation of 398. See the course description above for more information. *Three Credits Staff Spring Semester*

MODERN AND CLASSICAL LANGUAGES



Faculty: Mr. de Haan, Chairperson; Mr. Agheana, Ms. André, Mr. Bell, Ms. Chapuis-Alvarez, Ms. Dorado, Ms. Fernández, Mr. Forester, Ms. Hamon-Porter, Ms. Larsen, Ms. Mulder, Mr. Nakajima, Ms. Reynolds, Ms. Swain, Mr. Woolsey. **Assisting Faculty:** Ms. Chamness, Ms. Kallemeyn, Ms. Lúcar-Ellens, Ms. Segawa, Ms. Strand.

The Department of Modern and Classical Languages seeks to provide undergraduate students communicative competence in a second language, greater understanding of and appreciation for other cultures, insight into the human experience of other peoples, intellectual development through enhanced cognitive and analytical skills, and the integration of these experiences with liberal arts into a world view which encompasses the historic Christian faith. Instruction is offered in Arabic, Chinese, Dutch, French, German, Greek, Japanese, Latin, Russian and Spanish. Some courses are designed primarily to increase fluency in speaking, reading and writing, and understanding speakers of the second language. Others stress the patterns of life and thought and the great works of literature written in that language.

Since appreciation of other cultures and fluency in the use of another language is greatly enhanced by maximum immersion in the culture and constant challenge to use the language, the department offers many opportunities in which language students may participate:

- apprentice teachers in beginning language program
- language clubs
- special language tables in the dining halls
- the presence of native speaking assistants in French, German, Japanese, and Spanish
- French, German, and Spanish language houses in which native speaking students provide conversational leadership and tutoring
- foreign films
- semester or year abroad or summer programs, such as
 - the French semester or year program in Dijon, Paris, or Nantes
 - the German semester or year program in Vienna, Freiburg, Berlin, or Munich
 - the Spanish semester or year program in Madrid or Salamanca
 - the Spanish semester or year program in Costa Rica or Mexico (spring semester program in Querétaro)
 - the GLCA semester or academic year Spanish/Social Studies program in the Dominican Republic
 - the Hope Vienna summer program
- tutoring opportunities in the college and the community of Holland
- practical experience through internships here or abroad

All departmental faculty have traveled and studied abroad. Ten are natives of countries other than the United States.

Alumni of Hope have integrated their foreign language major or minor into a great variety of careers:

- high school and college teachers of foreign languages and literatures
- teachers of English in countries with the language of their major
- librarians
- classical archaeologists
- translators
- agents for import-export firms
- foreign missionaries
- state level export development officers
- receptionists for foreign consulates
- foreign service officers — U.S. cultural officers

MODERN AND CLASSICAL LANGUAGES

- editorial assistants for a news magazine
- newspaper reporters
- market research analysts with multi-national corporations
- linguistic consultants
- immigration assistants
- lexicographer assistants
- computational linguists
- attorneys
- purchasing agents for Europe for international manufacturers

MAJOR AND MINOR PROGRAMS

The department offers major programs in Classics (Classical Studies, Greek and Latin), French, German, and Spanish; and academic minors in Classics (Classical Studies, Greek and Latin), French, German, Japanese, Russian, and Spanish. The major programs are designed to meet the needs of students with a wide variety of career interests. Specific requirements for each major and academic minor will be found preceding the listing of the course offerings for each language.

GENERAL EDUCATION

All French, German and Spanish courses fulfilling the language component of the Cultural History and Language Requirement are based upon an oral proficiency approach which combines classes taught by the faculty with review and reinforcement sessions conducted by undergraduate apprentice teachers.

The course offerings and the descriptions of major and academic minor programs follow under these headings:

- Classics (Classical Studies, Greek and Latin), page 247
- Arabic, page 251
- Chinese, page 251
- Dutch, page 251
- Education, page 162
- English As a Foreign Language, page 171
- French, page 252
- German, page 257
- Japanese, page 260
- Linguistics, page 262
- Russian, page 263
- Spanish, page 264

CLASSICS: Classical Studies and Classical Languages

Mr. Bell, Ms. Reynolds.

No, Classics is not the study of authors like Shakespeare or Jane Austen; nor does it refer to rock 'n roll music of the 1960s or movies from the 1970s. At least, the discipline of Classics does not necessarily examine topics like these—although it often does. In the college curriculum, “Classics” primarily refers to the cultures of the ancient Mediterranean, with special focus on Greece and Rome. Classicists are interested in how ancient Greeks, Romans, Egyptians and others lived and thought. Classicists are also concerned with exploring the various ways these peoples inspired traditions that have shaped the world, from the medieval cultures of Christian Europe and the Islamic Middle East to today’s America.

Classics is a multidisciplinary enterprise. Language study is necessary to help us think like, for example, a Roman, but work in Classics involves attention to many fields—history, philosophy, religion, art, and theatre among them. Since the classical

MODERN AND CLASSICAL LANGUAGES

Mediterranean world included lands on three continents (Africa, Asia, Europe), Classics is very much a multicultural endeavor.

A few Classics majors go on to careers as high school Latin teachers or college professors of Classics. Most majors and minors, however, regard Classics as a way to acquire a well-rounded education and a lifelong ability to see beyond the busy surface of the world around us. Law, ministry, and medicine are common professions of our graduates, but others do everything from Bible translation to work in the insurance industry.

Courses in Latin are available every semester. Other ancient languages that are sometimes offered at the college are Greek, Coptic (Egyptian), Sanskrit, and Hebrew.

Overseas study is available in Athens, Turkey, and elsewhere.

MAJOR IN CLASSICAL STUDIES: Students select courses based on their own interests and in accord with these general guidelines:

12 credits in an ancient language. At least 4 credits of these must be completed on-campus.

12 credits in CLAS courses or more ancient language(s).

8 credits in courses focused on the ancient world. On-campus options include English 231, History 130, Philosophy 230, Political Science 341, Theatre 301, and many offerings in the IDS 170s (Cultural Heritage I).

Total: 32 credits.

MINOR IN CLASSICAL STUDIES: Students select courses based on their own interests and in accord with these general guidelines:

8 credits in an ancient language.

12 credits in CLAS courses or more ancient language(s).

Total: 20 credits.

LATIN TEACHING MAJOR: A specialized version of the major in Classical Studies for those in the education program who want certification to teach Latin at the secondary level. It consists of:

26 credits in Latin at the 300-level or above

4 credits of Linguistics (LING) 364

LATIN TEACHING MINOR: A specialized version of the Minor in Classical Studies for those in the Education program who want certification to teach Latin at the secondary level. It consists of:

16 credits in Latin at the 300-level or above

4 credits of Linguistics (LING) 364

CLASSICAL STUDIES

CLASSICS (CLAS)

All CLAS listed & cross-listed courses are in English. There are no prerequisites.

210. The Greek World — This course, which is cross-listed with History 210, surveys the major historical developments and literary figures of Greece from preclassical times to the end of the Hellenistic period.

Four Credits Bell Fall Semester, Alternate Years

215. The Roman World — This course, which is cross-listed with History 215, surveys major historical developments and literary figures from the foundation of the Roman Empire to the fall of the Empire.

Four Credits Bell Fall Semester, Alternate Years

250. Classical Mythology — This course introduces students to the sacred tales of the Greeks and Romans through ancient art and literature. Much attention is also

MODERN AND CLASSICAL LANGUAGES

given to the afterlife of the myths in the postclassical world, from Renaissance painting to the cinema. *Four Credits Spring Semester, Alternate Years*

285. Women in Antiquity — This course, which is cross-listed with History 285 and Women's Studies 285, surveys the status and accomplishments of women in the ancient Mediterranean world, from Egypt to the fall of the Roman Empire. It examines questions of matriarchy, marriage patterns, and attitudes toward women displayed in literature and art. Attention is given to problems of methodology and modern interpretations of ancient sources on this subject.

Four Credits Fall Spring Semester, Alternate Years

295. Studies in Classical Literatures and Cultures — This course is designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor. *Two to Four Credits Both Semesters*

495. Studies in Classical Literatures and Cultures — This course is designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor. *Two to Four Credits Both Semesters*

499. Internship in Classics — This course provides supervised practical experience in anthropology, archeology, paleography, numismatics and epigraphy. Normally junior status and the completion of at least a Classics minor are prerequisites. Although ordinarily taken in conjunction with an existing off-campus program, students working together with faculty may make individual arrangements with a local host institution or organization. Following consultation with the off-campus coordinator, each applicant for this internship is required to submit a proposal describing in detail the program to be pursued, including the materials which will be submitted; a time schedule for submitting evidence; and the criteria for performance evaluation. If possible, proposals should be finalized prior to the semester in which the internship will occur. The number of credits to be determined in consultation with instructor and chairperson. This course may be repeated for credit. Approval of the chairperson is required. *Both Semesters*

CLASSICAL LANGUAGES

GREEK

(Not offered in 2008-09)

171. Ancient/Biblical Greek I — An introduction to the language spoken and written first in the ancient Greek world and later throughout the eastern Roman Empire. Students learn the elements of Greek grammar and vocabulary that are found in authors from Homer to the New Testament, with special emphasis on the latter. For students with no previous study of Greek. *Four Credits Fall Semester*

172. Ancient/Biblical Greek II — A continuation of Greek 171. Prerequisite: Greek 171. *Four Credits Spring Semester*

271. Greek III — A continuation of Greek I and II, with reinforcement of grammar and vocabulary. Selected readings from the Gospels and a number of Classical authors. Prerequisite: Greek 172, or equivalent. *Four Credits Fall Semester*

280. Practicum in Greek — Practical experience in the language in various contexts such as teaching Greek at the elementary level. The number of credits granted will be determined by the number of hours involved per week. This course may be repeated for credit. Prior permission of instructor and chairperson required.

Credits to be Arranged Both Semesters

MODERN AND CLASSICAL LANGUAGES

490. Special Authors — Material covered to vary, depending upon the needs and desires of those who elect the course. Prerequisite: Greek 271, or permission of instructor. *Two or Four Credits Both Semesters*

495. Studies in Greek Language and Literature — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of the instructor. *Two or Four Credits Both Semesters*

LATIN

171. Latin I — An introduction to the language of the ancient Romans. After the fall of Rome, Latin remained the language of the liberal arts; until far into the modern era, the sounds of Latin were heard in every classroom, in every subject from biology to religion. This course places us in the shoes of centuries of college students, as the active use of Latin in the classroom helps us understand the ancient Roman world - as well as our own. *Four Credits Reynolds Fall Semester*

172. Latin II — A continuation of Latin 171. Prerequisite: Latin 171. *Four Credits Reynolds Spring Semester*

271. Latin III — Basic Latin grammar and vocabulary are systematically reviewed as students are introduced to the writings of some selected authors, representing the range of literature composed in Latin from antiquity to the modern world. Prerequisite: Latin 172, or placement. *Four Credits Fall Semester*

280. Practicum in Latin — Practical experience in the language in various contexts such as teaching Latin at the elementary level. The number of credits granted will be determined by the number of hours involved per week. This course may be repeated for credit. Prior permission of instructor and chairperson required. *Credits to be Arranged Both Semesters*

371. Latin Prose — A course which focuses on reading and interpreting literary prose texts. Representative topics include the speeches Cicero delivered against Catiline, Sallust's essays on the corruption of the Republic, and life in Nero's Rome, whether seen through the eyes of the historian Tacitus, or in the pages of Latin's oldest novel. Since the topic will vary each time the course is offered in a four-year period, this course may be repeated. *Two Credits At Least Once a Year*

372. Latin Poetry — Masterworks of Latin verse are the subject of this course. Representative topics include the comic plays of Plautus, Roman love poetry, Vergil's *Aeneid* (perhaps the most influential book, after the Bible, of Western civilization), and the tragedies of Seneca. Since the topic will vary each time the course is offered in a four-year period, this course may be repeated. *Two Credits At Least Once a Year*

373. Medieval and Neo-Latin — A look to the literature written in Latin since late antiquity. Representative topics include Jerome's translation of the Bible, tales from medieval Ireland, John Calvin's *Institutio*, African Voices (Latin poetry composed by ex-slaves), and contemporary Latin. Since the topic will vary each time the course is offered in a four-year period, this course may be repeated. *Two Credits At Least Once a Year*

490. Special Authors — Material covered to vary, depending on the needs and desires of those who elect the course. Prerequisite: Latin 271, or permission of instructor. *Two or Four Credits Both Semesters*

MODERN AND CLASSICAL LANGUAGES

495. Studies in Latin Language and Literature — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor. *Two or Four Credits Both Semesters*

ARABIC

Mr. Awad

ARAB 101. This introductory language course develops reading, speaking, listening, writing, and cultural skills in Arabic. The course includes technology such as DVD materials for listening comprehension, and stresses communication in formal (written) and spoken (colloquial) Arabic. Students will be able to communicate with beginning skills to native Arabic speakers. Students meet three times per week with the instructor and once a week in Drill class. *Four Credits Awad*

ARAB 102. Prerequisites: Arabic 101 or permission of instructor. This course further develops reading, speaking, listening, writing, and cultural skills with added emphasis on the meaning of phrases, sentences, short readings, and compositions. The course includes DVD materials, and stresses communication skills in formal and spoken Arabic. Students will reinforce their reading, comprehension, speaking, and writing skills with greater accuracy. Students meet three times per week with the instructor, and once a week in Drill class. *Four Credits Awad*

CHINESE

Ms. Zhou

195.01. Chinese I — A course for beginners of Chinese. The primary goal of this course is to acquire the basic skills necessary to begin communicating in Chinese. The secondary goal of gaining insight in the Chinese language world comes by means of performing the language with an understanding of cultural and contextual appropriateness. Emphasis is placed on four language skills: listening, speaking, reading and writing, with a primary focus on oral communication. Class meets two evenings per week. Conducted both in Chinese and English. *Four Credits Zhou Fall Semester*

195.02. Chinese II — A continuation of Chinese I. This course is designed to continue to develop appropriate communicative skills in the Chinese language world. Emphasis is placed on all four language skills: listening, speaking, reading and writing, with a primary focus on oral communication. Class meets two evenings per week. Conducted primarily in Chinese. Prerequisite: Chinese I, placement or equivalent. *Four Credits Zhou Spring Semester*

DUTCH

Mr. de Haan.

101. Dutch I — A course for beginners in Dutch language study. The primary objective is to enable the student to acquire beginning communicative Dutch. An important secondary objective is to help the student develop significant insights into the culture of the Netherlands and other areas of the world where Dutch is spoken. All four language skills — listening, speaking, reading, and writing — are stressed. Conducted primarily in Dutch. *Four Credits de Haan TBA*

102. Dutch II — Continuation of Dutch I, building upon the communication skills acquired there. The emphases upon learning to understand spoken Dutch and using it actively are continued, while reading and writing skills are stressed somewhat more than in the first semester. Prerequisite: Dutch I, equivalent, or placement. *Four Credits de Haan Spring Semester*

MODERN AND CLASSICAL LANGUAGES

280. Practicum in Dutch — Practical experience in Dutch language in various contexts such as teaching Dutch at the elementary level, translating, or using Dutch skills in business. The number of credits granted will be determined by the number of hours involved per week. This course may be repeated for credit. Prior permission of instructor and chairperson required. *Credits to be Arranged Both Semesters*

295. Studies in Dutch Language and Literature — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor. *Two or Four Credits de Haan Both Semesters*

490. Special Problems in Dutch — Individual study under the direction of an instructor designated by the chairperson of the department in one of the following areas: literature, language, civilization or methodology. This course may be repeated once. Prerequisite: prior permission of instructor and department chairperson. *Two or Four Credits de Haan Both Semesters*

499. Internship in Dutch — This course provides supervised practical experience in international business, media, education or government. Normally junior status and the completion of at least a Dutch minor are prerequisites. Although ordinarily taken in conjunction with an existing off-campus program, students working together with faculty may make individual arrangements with a local host institution or organization. Following consultation with the off-campus coordinator, each applicant for this internship is required to submit a proposal describing in detail the program to be pursued, including materials which will be submitted; a time schedule for submitting evidence; and the criteria for performance evaluation. If possible, proposals should be finalized prior to the semester in which the internship will occur. The number of credits to be determined in consultation with instructor and the chairperson. This course may be repeated for credit. Approval of the chairperson required. *Both Semesters*

Educ. 384. Teaching Foreign Languages — Methods of teaching French, Spanish, German, and Latin at the elementary school, high school, or college levels. A 10-hour internship is required. Required of those planning to teach these languages at the secondary level. *Four Credits Spring Semester*

FRENCH

Ms. Chapuis-Alvarez, Ms. Hamon-Porter, Ms. Larsen.

MAJOR: A major program designed for the student who wishes to acquire a thorough linguistic preparation combined with an extensive background in French and Francophone cultures and literatures. Linguistic proficiency and cultural competency are essential to this program for they will prepare the student for advanced studies at the graduate level, for secondary level teaching, or for other forms of employment in which linguistic skills and cultural knowledge are useful.

The French Major consists of a minimum of 28 credits of courses numbered 280 or higher. The major must include a minimum of two 400-level class seminars. Students who study in France or in a Francophone country for **one** semester should plan on taking two 400-level class seminars upon their return. Students who study in France or in a Francophone country for **two** semesters may take only one 400-level class seminar upon their return and be excused from the second 400-level class seminar. A maximum of 16 credits in French from off-campus study may be applied toward the major.

Those wishing to pursue teaching at the secondary level are advised that the State of Michigan requires Education 384 and 32 credits of French courses numbered 311 and above in order to obtain certification. Such students are also required to include Linguistics 364. In addition, they must spend at least one semester in a French-

MODERN AND CLASSICAL LANGUAGES

speaking country. Students planning to teach a foreign language in grades K-12 must meet all requirements of the Department of Education upon being formally admitted to the Teacher Education program (see Education, pages 162-164), in addition to those of the language department. Those wishing to pursue graduate level study in French literature are advised to take French 493, or English 480 (Introduction to Literary Theory), during their senior year.

MINOR: A French minor consists of a minimum of 28 credits. Of those credits, 12 must be at the 300 level or higher. The French Teaching Minor consists of a minimum of 20 credit hours of French courses numbered 311 and above. French 311 and 341 or 342 are required. French 313, 343 or 344 are the electives. French 341 or 342 may be taken as an elective if not taken as a required course. Descriptive Linguistics 364 is required and is not part of the 20-credit minor. In addition the Teaching Minor must complete Education 384 (Teaching of Foreign Languages) to be certified at the secondary level. Students planning to teach a foreign language in grades K-12 must meet all requirements of the Department of Education upon being formally admitted to the Teacher Education program (pages 162-164), in addition to those of the language department.

FRENCH/DANCE DOUBLE MAJOR: In addition to on-campus courses in French and Dance, students interested in a dual major in French/Dance should plan for a semester in Paris. This program, administered by the Institute for the International Education of Students (IES) in Paris, will prepare a student for a number of fields including dance choreography, criticism, history, anthropology, writing, and/or working for an international dance company. The program offers the following special features:

- Courses at the IES center in Paris and the Ecole de danse du Marais, one of the leading dance schools in Paris
- Housing in French homes
- Field trips connected with the IES program

Students interested in this dual major should contact a French and a dance professor early to be advised on the proper sequencing of courses.

FRENCH/HISTORY DOUBLE MAJOR: In addition to on-campus courses in French and History, students interested in a double major in French/History should plan for a semester in Paris, Nantes or Rennes for a concentration on French, or Dakar (Senegal) for a concentration on Francophone studies. These programs, administered by the Institute for the International Education of Students (IES) in Paris and Nantes, and the Council for International Educational Exchange (CIEE) in Rennes and Dakar (Senegal), will prepare a student for a variety of fields including international law, politics, journalism, the foreign service, business, market research analysis, and teaching at the high school and college levels. The program offers the following special features:

- French Immersion Courses at the IES and the CIEE centers in Paris, Nantes, Rennes, and Dakar
- French courses at the local universities
- Housing in local homes as well as independent housing
- Field trips connected with the IES and CIEE programs
- Internships

The Fine Arts I component in Hope's general education requirements may be fulfilled by taking an art history, OR theatre history OR music history class abroad.

MODERN AND CLASSICAL LANGUAGES

Students planning to fulfill their Cultural Heritage II requirement abroad must take both history and literature abroad. To fulfill Cultural Heritage I they must take on campus either IDS 171 or Phil 230 (Ancient Philosophy).

Students interested in this dual major should contact a French and a History professor early to be advised on the proper sequencing of courses.

FRENCH/MANAGEMENT DOUBLE MAJOR: In addition to on-campus courses in French and Business/Economics, students interested in a double major in French/Management should consider a semester or full year in Paris or Nantes. This program, administered by the Institute for the International Education of Students (IES), offers the following special features:

- Management and Economics courses available at the local universities
- Management courses available at Negocia Business School in Paris and in Nantes, one of the leading business schools in France
- Selected internships available at IES Paris or IES Nantes for students with advanced French language skills
- Housing in local homes
- Field trips connected with the IES programs

Majors and minors are strongly encouraged to complement their French major/minor with courses from other departments. Among recommended courses are: Art 355, 373, 376 and 377; History 242 and 248; Music 323; Philosophy 342 and 385; Political Science 295; Theatre 153, 301 and 302; Women's Studies 200.

101. French I — An introductory course teaching beginning communicative skills and enabling the student to develop cultural insights into the French-speaking world. Emphasis is on class participation through authentic video and audio materials, short readings and compositions. Students meet four times per week with the instructor.

Four Credits Hamon-Porter, Staff Fall Semester

102. French II — Further development of basic communicative skills with added emphasis on conversational practice, short readings and compositions. Students meet three times per week with the instructor and once a week in Drill class. Conducted primarily in French. Prerequisite: French I, equivalent, or placement.

Four Credits Hamon-Porter, Staff Both Semesters

201. French III – French Language and Culture — Continuation of French II. This course uses video segments to develop listening, speaking, reading and writing skills, and to address contemporary cultural topics such as the family, French college students, employment, leisure activities, and the arts. Students meet three times per week with the instructor and once a week with the French native assistant. Conducted primarily in French. Prerequisite: French II, equivalent, or placement.

Four Credits Chapuis-Alvarez, Hamon-Porter, Larsen Both Semesters

For French 201 and every course higher, a grade of C+ or better is required in order to proceed to the next course in the sequence.

202. French IV – Advanced French Language and Culture — Through a grammar review, conversation once a week with the French native assistant, and the study of 19th and 20th century French and Francophone authors such as Rostand, Baudelaire and Gis le Pineau, students will gain increased communicative competency and knowledge of French culture. Students meet three times per week with the instructor and once a week with the native assistant. Conducted entirely in French. Prerequisites: French 201 with a grade of C+ or better, placement, or equivalent.

Four Credits Chapuis-Alvarez, Hamon-Porter, Larsen Both Semesters

MODERN AND CLASSICAL LANGUAGES

280. Practicum in French — Practical experience in the French language in various contexts such as teaching French at the elementary level, translating, or using French skills in business. The number of credits granted will be determined by the number of hours involved per week. This course may be repeated for credit, but a maximum of two credits from French 280 may be counted as part of a French major or minor. Prior permission of instructor and chairperson required.

Credits to be Arranged Both Semesters

295. Studies in French Language and Literature — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor.

Four Credits Staff Both Semesters

311. French Grammar and Phonetics — Advanced written and oral drill in idiomatic French, combined with an intensive grammar and phonetics review for greater fluency of expression. Oral-aural work, class discussions, regular laboratory assignments. Conducted entirely in French. Prerequisite: French 202 with a grade of C+ or better, placement, or equivalent.

Four Credits Chapuis-Alvarez Fall Semester

313. French Conversation — Through authentic videos and CDs, articles from French newspapers and magazines, poems, short stories, and French internet sites, students will increase their vocabulary, improve their communicative ability, and review grammar when needed. Topics will include daily life in France, current events, the media, the new technologies, and the environment. Conducted entirely in French. Prerequisite: French 202 with a grade of C+ or better, placement, or equivalent.

Four Credits Chapuis-Alvarez May Term

341. Introduction to French Culture and Society — Introduction to French culture and society from the Middle Ages to the present. Possible topics include the role and accomplishments of past and contemporary French women and the visual arts through the study of architecture and paintings from the era of the Cathedrals to abstract art. Materials are drawn from historical accounts, literary works, and artistic production of the different periods. Documentary videos and films are an integral component of this course. Conducted entirely in French. Prerequisite: French 202 with a grade of C+ or better, placement, or equivalent. Alternate years, 2007-08.

Four Credits Hamon-Porter Fall Semester

342. French Society from the Revolution to the 21st Century — A topics-oriented introduction to the intellectual, social, historical, and artistic developments in French society from the 18th to the 21st century. Topics for the course will include one of the following: Paris, Myth and Reality; French Novels and Films. Conducted entirely in French. Prerequisite: French 202 with a grade of C+ or better, placement, or equivalent. Alternate years, 2008-09.

Four Credits Larsen Fall Semester

343. Contemporary France — In this course, students will familiarize themselves with cultural, linguistic, and social trends and policies in contemporary French society. Topics include the provinces of France, religion, immigration, the family, politics, and education. A wide variety of sources from historical accounts and newspaper articles to literary works and recent French films, will enable students to sharpen their understanding of current events and become discerning readers of French and international news. Prerequisite: French 202 with a grade of C+ or better, placement, or equivalent.

Four Credits Hamon-Porter; Larsen Spring Semester

344. French and Francophone Cultures — A study of aspects of French and Francophone cultures. Topics include language and communication; marriage, the family, and gender roles; immigration and colonization; socio-political institutions; and the arts. Materials are drawn from novels, short stories, plays, newspapers, films,

MODERN AND CLASSICAL LANGUAGES

music, and video documentation. Conducted entirely in French. Prerequisite: French 202 with a grade of C+ or better, placement, or equivalent. Alternate years.

Four Credits Chapuis-Alvarez Spring Semester

380. French House Practicum — A conversation practicum for students who are residing at the French House. Cultural and language-oriented activities will form part of the practicum, directed by the native assistant under an instructor's supervision. This course may be repeated for credit, but a maximum of one credit may be counted as part of a French major or minor. Prerequisite: French 102 or equivalent.

One-Half Credit Staff Both Semesters

441. Francophone Literature and Culture — This topics-oriented course explores francophone literature and culture of French-speaking societies in Africa, Asia, the Middle East, and the Americas. Topics for the course will include one of the following: Francophone Literature and Culture of Africa and the Caribbean; The Francophone Experience: From Vietnam to Quebec; Francophone Literature and Culture: Lebanon and the Maghreb. These topics will cover issues such as decolonization, the search for cultural, religious, and linguistic identity; the clash between modernity and tradition; and the situation of women. Readings will be selected from the works of Carrier, Césaire, Chédid, Fanon, Djébar, Condé, Schwartz-Bart, Hébert, Oyono, and Zobel. Prerequisites: two 300-level courses in French with a grade of C+ or better, placement, or equivalent. Alternate years, 2008-09.

Four Credits Hamon-Porter, Larsen

443. Early Modern French Literature and Culture — A course on the literary, historical, socio-political, economic, and artistic developments in French society from the Renaissance period to the French Revolution. Topics include *Ancien Régime* Literary and Cultural institutions; The Birth of the French State; Letters, Diaries, and Memoirs by Female and Male Intellectuals; Ideas and Censorship in Pre-Revolutionary France. Prerequisites: two 300-level courses in French with a grade of C+ or better, placement, or equivalent. Alternate years, 2007-08.

Four Credits Hamon-Porter, Larsen

444. Twentieth Century French Literature and Culture — This is a topics-oriented course that explores issues and texts central to twentieth century French culture and literature. Topics include one of the following: Women Writing in French; Modern French Autobiography; The Twentieth Century French Novel; France and the French: Issues of Identity. The course may be repeated for credit with a different topic. Prerequisites: two 300-level courses in French with a grade of C+ or better, placement, or equivalent. Alternate years, 2007-08.

Four Credits Chapuis-Alvarez Spring Semester

490. Special Problems in French — Individual study under the direction of an instructor in one of the following areas: literature, civilization, or language methodology. A maximum of four credits may be counted toward the major. Prerequisites: one 400-level French course with a grade of C+ or better and permission of department chairperson.

Two or Four Credits Staff Both Semesters

493. Senior Research Project — An independent study designed to help students going to graduate school to develop advanced research skills and culminating in a thesis or equivalent project. Limited to the senior level. Prerequisites: one 400-level French course with a grade of A- or better and permission of department chairperson.

Three or Four Credits Staff Both Semesters

495. Studies in French Language and Literature — A course designed to allow a professor to teach in an area of special interest and expertise. Prerequisites: two

MODERN AND CLASSICAL LANGUAGES

300-level courses in French with a grade of C+ or better, placement, or equivalent. Alternate years. *Four Credits Staff Fall Semester*

499. Internship in French — This course provides supervised practical experience in international business, media, education, or government. Normally junior status and the completion of at least a French minor are prerequisites. Although ordinarily taken in conjunction with an existing off-campus program, students working together with faculty may make individual arrangements with a local host institution or organization. Following consultation with the off-campus coordinator, each applicant for this internship is required to submit a proposal describing in detail the program to be pursued, including the materials which will be submitted; a time schedule for submitting evidence; and the criteria for performance evaluation. If possible, proposals should be finalized prior to the semester in which the internship will occur. The number of credits to be determined in consultation with instructor and the chairperson. This course may be repeated for credit, but a maximum of two credits of French 499 may be counted as part of a French major or minor. Approval of the chairperson is required. *Both Semesters*

GERMAN

Ms. Chamness, Mr. de Haan, Mr. Forester, Ms. Strand.

MAJORS: The German major is an integrated program of language, literature and culture courses leading to linguistic competence, a basic knowledge of German literature and a high level of cultural awareness. This major is for students considering careers in which German language proficiency and cultural awareness are desired, as well as those seeking employment in secondary education or preparing for advanced literary or linguistic studies at the graduate level. It also provides a stimulating program of study for those simply interested in German language and culture.

The major consists of 32 credits of German courses. These must include German 201 and 202 (or equivalent by examination or transfer), and 6 other courses numbered 280 or higher, including a minimum of two 400-level courses. Normally this would include the following: German 311, 375, 325 or 333, 313 or 355, and two of 452, 455, 464, 470 and 475.

Students preparing to teach at the secondary level need to also take Education 384 and must take German 464 as one of their 400-level courses. In addition, they must spend at least one semester in a German-speaking country. German 355 is strongly recommended because of its technology component.

Students planning to teach a foreign language in grades K-12 must meet all requirements of the Department of Education upon being formally admitted to the Teacher Education program (see Education, pages 162-164), in addition to those of the language department.

ACADEMIC MINOR IN GERMAN: A minor consists of a minimum of 28 credits, of which 12 must be numbered 280 or higher.

Majors and minors are strongly encouraged to complement their German major/minor with courses from other departments. Among recommended courses are: Economics 402; Education 305 and 384; History 131 and 240; Philosophy 373; Theatre 304.

101. German I — Introduction to German. Students will achieve an elementary communicative competency in both spoken and written German. Oral work in class forms the cornerstone of learning, augmented by computer and written exercises to

MODERN AND CLASSICAL LANGUAGES

assist in learning vocabulary and essential grammatical structures.

Four Credits Forester Fall Semester

102. German II — Continuation of German I designed to further communicative development as well as cultural understanding and control of more sophisticated German language skills. Conducted primarily in German. Prerequisite: German I, equivalent or placement.

Four Credits Forester Spring Semester

201. German III — Continuation of German II with emphasis on reading and writing skills, as well as the study of the culture in greater depth. Students meet three times per week in a Master Class and one time with a native German assistant. Students will gain greater communicative skills as well as more in-depth cultural awareness. Conducted in German. Prerequisite: German II, equivalent, or placement.

Four Credits de Haan, Forester Fall Semester

For German 201 and every course higher, a grade of C+ or better is required in order to proceed to the next course in the sequence.

202. German IV — Continuation of German III with added emphasis on reading and writing skills, as well as the study of the culture in greater depth. Students meet three times per week in a Master Class and one time with a native German assistant. Increased linguistic development and cultural awareness will prepare students for successful overseas study. Conducted in German. Prerequisites: German 201, placement, or equivalent, and a grade of C+ or better in German 201.

Four Credits Forester Spring Semester

280. Practicum in German — Practical experience in the German language in various contexts such as teaching German at the elementary level, translating, or using German skills in business. The number of credits granted will be determined by the number of hours involved per week. This course may be repeated for credit but a maximum of two credits from German 280 may be counted as part of a German major or minor. Prior permission of instructor and chairperson required.

Credits to be Arranged Both Semesters

295. Studies in Germanic Language and Literature — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor.

Two or Four Credits de Haan Both Semesters

311. Writing: Self and Society — An intensive study of biographical/ autobiographical writing in German, through the careful reading and analysis of texts, which serve as models of style and organization for the students' own writing. Representative texts are chosen from authors such as Goethe, Nietzsche, Freud, Mann, Boll, and Grass. Pedagogical emphasis is on the improvement of writing skills and a review of advanced principles of German grammar. Conducted entirely in German. Prerequisite: German 202, placement, or equivalent.

Four Credits Chamness, de Haan Fall Semester

313. German for Business — Introduction to the essential vocabulary and style specific to German commercial transactions, as well as to the basic workings of the German economy. Students familiarize themselves with the German used in commerce and economics, industry and labor, import and export, transportation systems, communication, banking, marketing, management-labor relations, and Germany's role in the European Union. Students develop reading, listening, speaking and writing skills using contemporary economics and business texts and conventions. Conducted in German. Prerequisite: German 202, placement, or equivalent.

Four Credits Staff

325. German Cinema — A study of German film from the 1920s to the current scene, discussing such film makers as Murnau, Papst, Lang, Fassbinder, Herzog and

MODERN AND CLASSICAL LANGUAGES

Wenders. The class examines the German concept of “Heimat” through the use of literary texts and film, contrasting home as a place of residence, a set of relationships, a “homeland” nation, and a region of birth. Films, readings, lectures and discussion in German. Prerequisite: German 202, placement, or equivalent. *Four Credits Staff*

333. German Theatre — Creation and production of a German play. Students write/edit and stage a play in German, developing proficiency in the language through readings by several authors, such as Friedrich Durrenmatt and Bertolt Brecht, including theoretical writings on the theater. This play will be performed publicly. Conducted in German. Prerequisite: German 202, placement, or equivalent.

Four Credits Chamness

355. Germany Live — Building on the current explosion in e-mail, the World Wide Web and cyberspace, this course will introduce students to Germany through these electronic media. Students will become familiar with many aspects of contemporary German life and culture, such as politics, music, current events, through text, audio, video and other media on-line through the Internet. The capstone of the course will be a group project in which students actually build a functioning German-language Web site focused on a particular aspect of German culture and life. Conducted in German. Prerequisite: German 202, placement or equivalent. *Four Credits Forester*

375. Introduction to German Meisterwerke — This survey of the most significant works of German Literature serves as an introduction to the study of literature in the German language. We will examine and analyze poetry, drama, and Novellen by a variety of authors and learn approaches to secondary literature. Conducted entirely in German. Prerequisite: German 202, placement, or equivalent.

Four Credits Staff Spring Semester

380. German House Practicum — A conversation practicum for students who are residing in the German House. Cultural and language-oriented activities form part of the practicum, directed by the native assistant under the supervision of an instructor. May be repeated for credit but a maximum of one credit of German 380 may be counted as part of a German major or minor. Prerequisite: German 102, placement, or equivalent.

One-Half Credit de Haan Both Semesters

452. The Germanic World Today: From Weimar to Wiedervereinigung — A study of 20th century German culture, including economic, political, sociological, and creative forces and their influence on the German speaking world. Conducted in German. Prerequisite: at least 2 courses at the 300 level, placement, or equivalent.

Four Credits Chamness

455. Germanic Civilization: Myth and Mythology — A study of origins, development, and significance of Germanic civilization, exploring creation and doomsday mythology, tribal life, courtly society, Minnesang, Hildegard von Bingen, Barbarossa, Luther, Faust, Zarathustra, Grimm Brothers, Marx, Spengler, Wagner, and Nazi mythology. Prerequisite: at least 2 courses at the 300 level, placement, or equivalent.

Four Credits Chamness

464. The German Language Yesterday and Today — An introduction to the history and development of the German language from runes (tribal times) to the present. Topics covered include the relationship of German to English and other European languages, changes in the German language, German dialects and a contrastive analysis of German and English geared to future language teachers. Course conducted in German. Prerequisite: at least 2 courses at the 300 level, placement, or equivalent.

Four Credits Forester

MODERN AND CLASSICAL LANGUAGES

470. Individual and Society in the German Novelle — A study of major authors of the 19th Century (Droste-Huelshoff, Moerike, Stifter, Storm, Keller, Meyer, Fontane), who developed the Novelle, a uniquely German narrative, used extensively to present significant social changes. Conducted entirely in German. Prerequisite: German 375, placement, or equivalent. *Four Credits de Haan*

475. German Literature From the Weimar Republic to the Present — A study of representative works by major modern German authors (Brecht, Boell, Grass, Frisch, Duerrenmatt, Handke, and writers from the former East Germany). Prerequisite: German 375, or permission of instructor. *Four Credits Staff*

490. Special Problems in German — Individual study under the direction of an instructor designated by the chairperson of the department in one of the following areas: literature, language, civilization, or methodology. This course may be repeated upon consultation with departmental faculty advisor; a maximum of eight credits may be counted toward the major. Prerequisites: one 400-level course in German and prior permission of instructor and department chairperson. *Two or Four Credits de Haan Both Semesters*

493. Special German Studies — Preparation for a comprehensive examination in the major area of interest. Prerequisite: Permission of department chairperson. *Two or Four Credits de Haan Both Semesters*

495. Studies in German Language and Literature — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor. *Two or Four Credits de Haan Both Semesters*

499. Internship in German — This course provides supervised practical experience in international business, media, education, or government. Normally junior status and the completion of at least a German minor are prerequisites. Although ordinarily taken in conjunction with an existing off-campus program, students working together with faculty may make individual arrangements with a local host institution or organization. Following consultation with the off-campus coordinator, each applicant for this internship is required to submit a proposal describing in detail the program to be pursued, including the materials which will be submitted; a time schedule for submitting evidence; and the criteria for performance evaluation. If possible, proposals should be finalized prior to the semester in which the internship will occur. The number of credits to be determined in consultation with instructor and the chairperson. May be repeated for credit but a maximum of two credits from German 499 may be counted as part of a German major or minor. Approval of the chairperson is required. *Both Semesters*

JAPANESE

Mr. Nakajima, Ms. Segawa

JAPANESE STUDIES COMPOSITE MAJOR: Students may also pursue a Japanese Studies Composite Major by combining courses taken at Hope with a variety of off-campus study opportunities. Such a major would be an integrated program of language and culture leading to fluency in the language, a high level of understanding of and experience in Japanese culture, as well as a specialized field of study of the student's own choosing. This major will permit the student to prepare for other forms of employment in which a knowledge of Japanese and familiarity with Asian culture may be required. The Japanese Composite Major consists of a minimum of 36 credits of work divided between Japanese language study (a minimum of 28 credits) and courses from the Departments of History, Philosophy, Political Science, and Religion (a minimum of 8 credits), and May Term in Japan program

MODERN AND CLASSICAL LANGUAGES

which are currently taught on a regular basis or are scheduled to be taught regularly in the immediate future.

ACADEMIC MINOR IN JAPANESE: A Japanese minor consists of a minimum of 24 credits taken at the college level and approved by the chairperson. Of these, 8 must be in courses numbered 295 or higher and up to 4 may be taken in a department other than Modern and Classical Languages, e.g., History, Philosophy, Political Science, Religion or other disciplines. A typical pattern of courses might be: Japanese 101, 102, 201, 202, 301; IDS 280 (May Term in Japan program). Majors and minors are strongly encouraged to complement their Japanese major/minor with courses from other departments. Among recommended courses are POL 303, REL 280, HIST 295, and special courses taught by the Meiji Gakuin exchange professor.

101. Japanese I — A course for beginners of Japanese. The primary goal of this course is to acquire the basic skills necessary to begin communicating in Japanese. The secondary goal of gaining insight into the Japanese language world comes by means of performing the language with an understanding of cultural and contextual appropriateness. Emphasis is placed on four language skills: listening, speaking, reading and writing, with a primary focus on oral communication. Class meets four days per week. Laboratory work is also required. Conducted both in Japanese and English.
Four Credits Nakajima Fall Semester

102. Japanese II — A continuation of Japanese I. This course is designed to continue to develop appropriate communicative skills in the Japanese language world. Class meets four days per week. Laboratory work is also required. Emphasis is placed on all four language skills: listening, speaking, reading and writing, with a primary focus on oral communication. Conducted primarily in Japanese. Prerequisite: Japanese I, placement or equivalent.
Four Credits Nakajima Spring Semester

201. Japanese III — A continuation of Japanese II. The objective of this course is to further expand communicative skills in Japanese with cultural and contextual appropriateness. Class meets four days per week. Laboratory work is also required. Prerequisite: Japanese II, placement or equivalent.
Four Credits Nakajima Fall Semester

For Japanese 201 and every course higher, a grade of C or better is required in order to proceed to the next course in the sequence.

202. Japanese IV — A continuation of Japanese III with added emphasis on reading and writing skills. Class meets four days per week. Laboratory work is also required. Prerequisites: Japanese III, placement, or equivalent, and a grade of C or better in Japanese 201. Conducted primarily in Japanese.
Four Credits Nakajima Spring Semester

280. Japanese - Practicum in Japanese — Practical experience in the Japanese language in various contexts such as teaching Japanese culture at the elementary level or using Japanese skills in business. The number of credits granted will be determined by the number of hours involved per week. This course may be repeated for credit. Prior permission of instructor and chairperson required.
Credits to be Arranged Both Semesters

295. Intro to Japanese Culture and History — An overview of Japanese culture and history from ancient to modern times. This course takes an in-depth look at the modern Japanese scene first, including business, society, education, politics, and religion; and, secondly, moves into historical Japan. The course consists of lectures, presentations, multi-media and some practical Japanese lessons. No prerequisites. Conducted in English. Alternate years.
Four Credits Nakajima May Term

MODERN AND CLASSICAL LANGUAGES

299. Apprentice Teaching Internship — A practical and contractual internship in assisting the beginning level of Japanese classes. Enrollment by selection.

No Credit Nakajima Fall Semester

301. Advanced Japanese I — This course is designed to develop more advanced communicative skills with emphasis placed upon acquiring greater proficiency in performing the language in a culturally appropriate manner. Conducted in Japanese. Prerequisites: Japanese 202 or equivalent.

Four Credits Segawa Fall Semester

302. Advanced Japanese II — A continuation of Advanced Japanese I. This course is designed to expand on the communicative skills acquired in the sequence of Japanese I-IV and Advanced Japanese I. Prerequisites: Japanese 301 or equivalent.

Four Credits Segawa Spring Semester

399. Apprentice Teaching Internship — A practical and contractual internship in assisting the beginning level of Japanese classes. Enrollment by selection.

No Credit Segawa Spring Semester

490. Special Problems in Japanese — Individual study under the direction of an instructor designated by the chairperson of the department in one of the following areas: literature, language, civilization or methodology. This course may be repeated upon consultation with departmental faculty advisor; a maximum of eight credits may be counted toward the major. Prerequisite: prior permission of instructor and department chairperson.

Two to Four Credits Nakajima Both Semesters

495. Studies in Japanese Language and Literature — A course designed for advanced students of Japanese. The primary object of this course is to enhance speaking, listening, reading, and writing skills in the higher level. Students are required to take the Japanese Language Proficiency Test instituted by the Japanese Ministry of Education at the end of the semester. The secondary objective is to provide the student with a basic knowledge of Japanese literature. Conducted entirely in Japanese. Prerequisite: Japanese 302 or equivalent.

Two to Four Credits Segawa Both Semesters

499. Internship in Japanese — This course provides supervised practical experience in international business, media, education or government. Normally junior status and the completion of at least a Japanese minor are prerequisites. Although ordinarily taken in conjunction with an existing off-campus program, students working together with faculty may make individual arrangements with a local host institution of organization. Following consultation with the off-campus coordinator, each applicant for this internship is required to submit a proposal describing in detail this program to be pursued, including the materials which will be submitted; a time schedule for submitting evidence; and the criteria for performance evaluation. If possible, proposals should be finalized prior to the semester in which the internship will occur. The number of credits to be determined in consultation with instructor and the chairperson. This course may be repeated for credit. Approval of chairperson required.

Both Semesters

LINGUISTICS

Staff.

364. Introduction to Descriptive Linguistics — An introduction to the science of general and descriptive linguistics, with a consideration of the problems of the phonemic, morphemic and syntactical analysis of language. This course fulfills the linguistics requirement for French and Latin teaching majors and minors, and German

MODERN AND CLASSICAL LANGUAGES

teaching majors. Instructor approval required for Spanish majors and minors.

Four Credits Woolsey

RUSSIAN

Mr. de Haan.

ACADEMIC MINOR IN RUSSIAN STUDIES: A Russian studies minor consists of a minimum of 24 credits taken at the college level and approved by the chairperson. Of those, 6 must be at the 295 level or higher, and up to 6 may be taken in a department other than Modern and Classical Languages, e.g., History or Political Science. A typical pattern of courses might be: Russian 101, 102, 201, 202, 280, 295, plus History 232 and 335.

101. Russian I — A course for beginners of Russian. The primary objective of this course is to enable the student to acquire the basic skills necessary to begin communicating in Russian. The secondary objective is to begin to give the student insight into the Russian language world. Emphasis is placed on all four language skills: listening, speaking, reading, and writing. Conducted in English and Russian.

Four Credits Staff

102. Russian II — A continuation of Russian I. This course is designed primarily to continue to develop the acquisition of a comfortable communication knowledge of Russian. A secondary objective is to expand the student's insight into important features of Russian society. Emphasis on all four language skills: listening, reading, speaking, and writing. Conducted primarily in Russian. Prerequisite: Russian I, placement, or equivalent.

Four Credits Staff

201. Russian III — Continuation of Russian II with greater emphasis on reading. Culture will also be studied in additional depth. Prerequisite: Russian II, equivalent, or placement.

Four Credits Staff

For Russian 201 and every course higher, a grade of C+ or better is required in order to proceed to the next course in the sequence.

202. Russian IV — Continuation of Russian III with greater emphasis on writing. Cultural history will be touched on through the medium of short stories in Russian. Prerequisites: Russian III, placement, or equivalent, and a grade of C or better in Russian 201.

Four Credits Staff

280. Practicum in Russian — Practical experience in the Russian language in various contexts such as teaching Russian at the elementary level, translating or using Russian skills in business. The number of credits granted will be determined by the number of hours involved per week. This course may be repeated for credit. Prior permission of instructor and chairperson required.

Credits to be Arranged Both Semesters

295. Studies in Russian Language and Literature — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor.

Two to Four Credits Staff Both Semesters

490. Special Problems in Russian — Individual study under the direction of an instructor designated by the chairperson of the department in one of the following areas: literature, language, civilization or methodology. This course may be repeated upon consultation with departmental faculty advisor; a maximum of eight credits may be counted toward a minor. Prerequisite: prior permission of instructor and department chairperson.

Four Credits Staff Both Semesters

MODERN AND CLASSICAL LANGUAGES

499. Internship in Russian — This course provides supervised practical experience in international business, media, education or government. Normally junior status and the completion of a least a Russian minor are prerequisites. Although ordinarily taken in conjunction with an existing off-campus program, students working together with faculty may make individual arrangements with a local host institution or organization. Following consultation with the off-campus coordinator, each applicant for this internship is required to submit a proposal describing in detail the program to be pursued, including the materials which will be submitted; a time schedule for submitting evidence; and the criteria for performance evaluation. If possible, proposals should be finalized prior to the semester in which the internship will occur. The number of credits to be determined in consultation with instructor and the chairperson. This course may be repeated for credit. Approval of the chairperson is required.

Both Semesters

SPANISH

Mr. Agheana, Ms. André, Ms. Dorado, Ms Fernández, Ms. Kallemeyn, Ms. Lúcar-Ellens, Ms. Mulder, Ms. Swain, Mr. Woolsey.

MAJOR: This major program is designed for the student who wishes to acquire a thorough linguistic preparation combined with an extensive background in Hispanic literature and culture. This major will permit the student to prepare for advanced literary studies, for secondary level teaching, or for other forms of employment in which a knowledge of Spanish and familiarity with Hispanic culture are required.

The Spanish Major consists of 32 credits of courses numbered 222 or higher and must include Spanish 222, 321, 322, 341, either 342 or 344, and one 400-level literature course (normally 441, 443, or 494). Linguistics 364 or Spanish 462 is required. Students who study in a Spanish-speaking country must take one 400-level literature course upon their return. A maximum of 16 credits in Spanish with a grade of C+ or better from off-campus study may be applied to the major, with previous approval by the Spanish section head. Students planning on graduate study in Spanish are strongly urged to complete additional credits in literature as well as work in the history of literary criticism.

Students preparing to teach at the secondary level are advised that the State of Michigan requires both EDUCATION 384 and 34 credits in Spanish, or the equivalent thereof through CLEP, in order to obtain certification. Students are required to take a comprehensive language exam at the levels of Spanish 222 and Spanish 322 to be recommended for the Spanish teaching program. Such students are required to include Spanish 462, Spanish Linguistics. Students planning to teach a foreign language in grades K-12 must meet all requirements of the Department of Education upon being formally admitted to the Teacher Education program (see Education, pages 162-164), in addition to those of the language department. Moreover, they must spend at least one semester in a Spanish-speaking country. It is recommended that students wishing to be certified in Michigan take another 300-level literature course as their elective.

ACADEMIC MINOR IN SPANISH: The non-teaching Spanish Minor consists of 20 credits of courses numbered 222 or higher and must include Spanish 222, 321, 322, 341, and a four-credit elective course at the 300 or 400 level.

Majors and minors are strongly encouraged to complement their Spanish major/minor with courses from other departments. Among recommended courses are: Economics 318; Education 384; History 260; Political Science 262.

121. Spanish I — A course for beginners of Spanish. The primary objective of this course is to enable the student to acquire beginning communicative skills in Spanish. The secondary objective is to help the student develop insights into the Spanish

MODERN AND CLASSICAL LANGUAGES

language world. Emphasis is placed on all four language skills: listening, reading, speaking and writing. Class meets four days per week. Laboratory work is also required. Conducted primarily in Spanish.

Four Credits Fernández, Kallemeyn, Lúcar-Ellens, Woolsey Both Semesters

122. Spanish II — This course is designed primarily to continue the development of a comfortable communicative knowledge of Spanish. A secondary objective is to expand students' insight into important aspects of Hispanic culture. Emphasis on all four language skills: listening, reading, speaking and writing. Class meets four days per week. Laboratory work is also required. Conducted primarily in Spanish. Prerequisite: Spanish 121, equivalent or placement.

Four Credits Kallemeyn, Lúcar-Ellens, Swain Both Semesters

221. Spanish III — A thorough review of structures learned in the first year with added emphasis on reading and writing skills, as well as the study of the culture in greater depth. Class meets four days per week. Conducted primarily in Spanish. Prerequisite: Spanish 122, equivalent, or placement.

Four Credits Ms Fernández, Mulder, Swain Both Semesters

For Spanish 221 and every course higher, a grade of C+ or better is required in order to proceed to the next course in the sequence.

222. Spanish IV — This course is designed to continue the development of the student's language skills and cultural knowledge. Emphasis is placed on reading and writing skills and an extensive grammar review. Conducted in Spanish. Prerequisites: Spanish 221 with a grade of C+ or better, placement, or equivalent.

Four Credits Mulder, Woolsey Both Semesters

280. Practicum in Spanish — Practical experience in the Spanish language in various contexts such as teaching Spanish at the elementary level, translating, or using Spanish skills in business. The number of credits granted will be determined by the number of hours involved per week. May be repeated for credit but a maximum of two credits from Spanish 280 may be counted as part of a Spanish major or minor. Prior permission of instructor and chairperson required.

Credits to be Arranged Both Semesters

295. Studies in Hispanic Language and Literature — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor.

Three or Four Credits Staff Both Semesters

321. Spanish V – Advanced Grammar and Conversation I — A course designed to bring the student to a high-intermediate/low-advanced level of competency in Spanish in listening, reading, speaking, and writing as defined by the ACTFL (American Council on the Teaching of Foreign Languages) Guidelines. Conducted entirely in Spanish. Prerequisite: Spanish 222 with a grade of C+ or better, placement, or equivalent.

Four Credits Dorado, Swain Both Semesters

322. Spanish VI – Advanced Grammar and Composition II — This continuation of Spanish V is designed to bring the student to an advanced level of competency in all four skills as defined by the ACTFL Guidelines. Conducted entirely in Spanish. Prerequisite: Spanish 321 with a grade of C+ or better or equivalent.

Four Credits Agheana, André Both Semesters

325. Spanish Conversation — A course designed to develop aural and oral competency in Spanish. Conducted entirely in Spanish. May be repeated for credit but may be counted only once as part of Spanish major or minor. Prerequisite: Spanish 222 with a grade of C+ or better or equivalent.

One Credit Staff Both Semesters

MODERN AND CLASSICAL LANGUAGES

341. Introduction to Literature — In this transition course from language to literature, students become familiar with the key literary terms for further studies in Hispanic literature. Readings represent different time periods and various literary genres and reinforce grammatical structures, linguistic content, and general familiarity with current Spanish usage. Conducted in Spanish. Prerequisite: Spanish 322 with a grade of C+ or better or equivalent.

Four Credits Agheana, André, Dorado Both Semesters

342. Modern Spanish Literature and Culture (or equivalent) — A survey of Spain from 1808 to the present. Literary texts - prose, poetry, and theater - of the most representative authors of this period will be discussed in their political, religious and social contexts. Conducted in Spanish. Prerequisite: Spanish 341 with a grade of C+ or better or equivalent.

Four Credits Dorado Fall Semester Every Year

344. Modern Hispanic American Literature and Culture (or equivalent) — A study of Hispanic American literature from the wars of independence until the present (XIX and XX centuries). Politics and important historical events are discussed through the analysis of literary texts and most representative works of the corresponding period (other sources such as documentary videos, slides, and films are considered). Students are exposed to a wide variety of literary genres ranging from narrative, drama, poetry, essay, etc. Conducted in Spanish. Prerequisite: Spanish 341 with a grade of C+ or better or equivalent.

Four Credits André Spring Semester Every Year

380. Spanish House Practicum — A conversation practicum for students who are residing in the Spanish House. Cultural and language-oriented activities form part of the practicum, directed by the Spanish native assistant under the supervision of an instructor. May be repeated for credit but a maximum of one credit of Spanish 380 may be counted as part of a Spanish major or minor. Prerequisite: Spanish 222 with a grade of C+ or better, placement, or equivalent.

One-Half Credit Staff Both Semesters

421. Business Spanish — This course is designed to give advanced-intermediate and advanced level students a solid foundation in business vocabulary, basic business and cultural concepts, and situational practice necessary to be successful in today's Spanish-speaking world. It is assumed that students have already mastered the fundamentals of Spanish grammar and that they control the general vocabulary needed for basic communication. Conducted entirely in Spanish. Prerequisite: Spanish 341 with a grade of C+ or better or equivalent. Alternate years, 2007-08.

Four Credits André Spring Semester

441. Medieval and Golden Age Spain (or equivalent) — A survey of Medieval and Golden Age Spain as expressed in literary selections of Spanish prose, poetry, and theater. Cultural and literary topics include the Reconquest, religious ideals, courtly love, mystical poetry, and the social crises during the Hapsburg reign. Emphasis on reading, writing, and conversational skills. Materials are also drawn from films and videos. Conducted in Spanish. Prerequisite: Spanish 342 or 344 with a grade of C+ or better or equivalent. Alternate years.

Four Credits Agheana Spring Semester

443. Colonial Hispanic American Literature (or equivalent) — A study of colonial Hispanic American literature from pre-Columbian works and the chronicles of encounter, through the nineteenth century literary manifestations of political and cultural (in)dependence. Possible topics include the cultural heritage and identity of both the colonizer and the colonized; the concept of historicism; canonical genres and

MODERN AND CLASSICAL LANGUAGES

their adaptations; Center vs. Periphery; discourse, counterdiscourse and the marginalized voice; criollismo; the relationships of socioeconomic progress and literary development and (in)dependence, etc. Students are exposed to a wide variety of literary genres ranging from narratives to dramas, poetry and essays, as well as pertinent historical background information. Conducted in Spanish. Prerequisite: Spanish 342 or 344 with a grade of C+ or better or equivalent. Alternate years.

Four Credits Staff Fall Semester

462. Spanish Linguistics — A course for advanced students of Spanish. The primary objective of this course is to approach the grammar of Spanish in a way which is most useful for those who will teach Spanish to native speakers of English. It is a course in Applied Linguistics where the knowledge of the structure of the Spanish language is discussed and supported by the study of both Spanish and English. Fields dealt with include: Phonetics and Phonology, Morphology, Syntax, Semantics, Second Language Acquisition, and Language and Culture. This course counts both as the Linguistics requirement and as an elective. Conducted in Spanish. Prerequisite: Spanish 341 with a grade of C+ or better or equivalent.

Four Credits Swain, Woolsey Both Semesters

490. Special Problems in Spanish — Individual study under the direction of an instructor designated by the chairperson of the department in one of the following areas: literature, language, civilization, or methodology. May be repeated for credit but a maximum of two credits from Spanish 490 may be counted as part of a Spanish major or minor. Prerequisite: prior permission of instructor and department chairperson.

Three or Four Credits Agheana, André, Dorado Both Semesters

494. Literature Seminar — A course in advanced literary studies whose topic varies from year to year depending on the interests of students and the on-going research interests of Spanish faculty at any given time. Emphasis on critical thinking and writing of well-developed papers. Recommended for students planning on graduate studies in Spanish. Conducted entirely in Spanish. Prerequisite: Spanish 342 or 344 with a grade of C+ or better or equivalent. Alternate years.

Four Credits Agheana, André, Dorado Fall Semester

499. Internship in Spanish — This course provides supervised practical experience in international business, media, education, or government. Normally junior status and the completion of at least a Spanish minor are prerequisites. Although ordinarily taken in conjunction with an existing off-campus program, students working together with faculty may make individual arrangements with a local host institution or organization. Following consultation with the off-campus coordinator, each applicant for this internship is required to submit a proposal describing in detail the program to be pursued, including the materials which will be submitted; a time schedule for submitting evidence; and the criteria for performance evaluation. If possible, proposals should be finalized prior to the semester in which the internship will occur. The number of credits to be determined in consultation with instructor and chairperson. As part of a major or minor, this may be counted as an elective for 4 credits. Approval of the chairperson is required.

Agheana, André, Dorado, Swain, Woolsey Both Semesters



Faculty: Mr. Coyle, Chairperson; Mr. Clark, Mr. Craioveanu, Ms. Dykstra, Mr. Hodson*, Ms. Hornbach, Ms. Kennedy-Dygas, Mr. Le, Mr. Lewis, Mr. Piippo, Ms. Randel, Mr. Richmond, Mr. Schouest, Mr. Southard, Mr. Talaga. **Assisting Faculty:** Mr. Aschbrenner, Mr. Clapp, Ms. Corbató, Mr. DeBoer, Mr. Erskine, Mr. Hoats, Mr. Holden, Mr. Hoyer, Mr. Hyde, Ms. Hyde, Ms. Kolean, Ms. Kraft, Mr. Lockwood, Mr. Malfroid, Mr. Martin, Mr. Peterson, Ms. Pilon, Mr. Puccini, Mr. Secor, Mr. Sharp, Ms. Sooy, Ms. Southard, Mr. Spencer, Ms. Strouf, Mr. VanLente, Ms. Wolfe.

Hope's Department of Music believes that music can make the world a better place. The department is committed to increasing the awareness of the importance of music to society and encouraging spiritual growth and understanding. The mission of the Department of Music is to affirm and promote the understanding that musical experience, both sacred and secular, enriches and ennobles the human spirit. To fulfill this mission, the department has adopted two goals:

- To enable students to become influential leaders in the areas of teaching, performing, research, and worship; and to assist them in becoming professionally successful in their chosen fields;
- To cultivate an enduring appreciation of music and its positive impact upon the human condition by providing significant musical experiences to the college community and beyond.

The Department of Music is accredited by the National Association of Schools of Music.

The Department of Music offers both the Bachelor of Arts with a Major in Music, and the Bachelor of Music degrees. The goals and objectives of these two degrees are somewhat different, but both are designed to provide a strong basis for the study of music.

The Bachelor of Arts degree with a Major in Music is a liberal arts degree which provides the student with basic professional training in music while providing a large number of elective choices, both music and non-music. These electives address the needs and interests of the particular student. This degree is the best choice for a student who is planning a second major outside of music, or desires a combination of study areas that do not merge well with any of the Bachelor of Music curricula. The emphasis of the Bachelor of Arts degree with a Major in Music is on broad coverage of music rather than heavy concentration on any single segment. It emphasizes a broad program of general education rather than intense specialization.

The Bachelor of Music degree is a professional music degree that prepares students for professional music involvement, graduate work in music performance, music teaching at the elementary or secondary level, or a combination of these pursuits. The General Education requirements for this degree are reduced in order to accommodate the depth and breadth of music study expected for this degree. Curricula are structured to provide the highest possible professional development in technical, analytical, historical, and pedagogical areas of the major. Students working toward the Bachelor of Music degree may major in performance, jazz performance, vocal music education, or instrumental music education.

The curricula leading to the Bachelor of Music in Vocal Music Education degree, or the Bachelor of Music in Instrumental Music Education degree, include substantial coursework through the Department of Education. Either degree (vocal or instrumental) leads to K-12 certification upon the student gaining Michigan provisional teacher certification. Students work closely with advisors within the Departments of Music and Education as they plan their coursework.

*Sabbatical Leave, Fall Semester 2008

MUSIC

In addition, the Department of Music offers a minor in music, as well as the opportunity for any interested student on campus to enroll in a wide variety of music courses, performance study, and/or ensemble participation.

Students enrolled in the music program at Hope College engage in a wide variety of experiences outside the classroom:

- many are directing choirs in area churches
- several are teaching private instrumental lessons
- some have organized combos and play in area night spots
- several instrumentalists play in area symphony orchestras

Graduates of the Department of Music are currently serving as:

- teacher of musicology at a major university
- hornist in the New York Philharmonic Orchestra
- teachers in various elementary and secondary schools
- leading baritone in a prominent Eastern opera company
- cellist in a French orchestra
- staff accompanist at a major university
- keyboardist and assistant conductor for Broadway production of *Lion King*
- stage director for Metropolitan Opera Company
- leading contralto with Lyric Opera of Chicago

MAJOR: Students who wish to major in music, following either the Bachelor of Music or the Bachelor of Arts degree programs, should start work in the department in their Freshman year, following the suggested schedule closely. If possible, students should indicate their preference in the application for admission to Hope College. Formal application for majoring takes place at the end of the first semester of study.

Students pursuing the Bachelor of Music degree are also assessed at the end of the fourth semester for entrance to upperclass work.

Students who plan to complete the Bachelor of Music degree in addition to another degree must complete the full B.A./B.S. General Education requirements. Students intending to complete a dual degree in music must consult with the chairperson of the Department of Music, and must expect their studies to require nine or ten semesters of course work.

The departmental standard for progressing through the music curriculum requires that students receive a minimum grade of C in all courses within the major and minor. If that standard is not met, the student must repeat the course in order to complete the requirement.

MINOR: The requirements for the optional music minor are as follows:

Music 080	four semesters
Music 111, 112	8 credits
Music 113, 114	2 credits
Music 197, 198	2 credits
Music 102	2 credits
Choice of one Music History Course: Music 104, 105, 321, 324, 326, 328	3 or 4 credits
One applied instrument chosen among Music 161-181	4-6 credits
Ensemble chosen among Music 115, 116, 117, 120, 130, 133, 135, 140, 150	0-2 credits
TOTAL:	23 or 24 credits

MUSIC

MINOR IN JAZZ STUDIES: The requirements for the optional minor in jazz studies are as follows:

Music 080	four semesters
Music 111, 112	8 credits
Music 113, 114	2 credits
Music 361	3 credits
Music 179: Jazz Piano	4 credits
Music 102	2 credits
Music 105	4 credits
One applied Jazz instrument chosen from Music 164, 167, 168, 171, 176, 179, 180, 181	4-6 credits
Ensembles chosen from Music 135 and 160: Jazz Chamber Ensemble	0-2 credits
TOTAL:	29 credits

EMPHASIS IN MUSIC THEORY AND HISTORY Music majors may elect to declare an Emphasis in Music Theory and History. The Emphasis consists of 12 credits of elective courses in music theory and history at the 300 level or above, beyond the requirements for the music major. No more than eight credits of the Emphasis may be chosen from either music theory or music history courses.

BACHELOR OF MUSIC IN PERFORMANCE

General Education Curriculum: First-Year Seminar; Expository Writing; one course in Mathematics; Science I; Cultural Heritage I and II — fulfilled by taking Music 321 and Music 324 or 326; Health Dynamics; Basic Studies in Religion, plus one upper level course in Religion; Second Language — one course at the second semester level; Social Science — one 4-credit course from the Departments of Communication, Psychology, Sociology, or the Departments of Economics, Management and Accounting, or Political Science; Senior Seminar (IDS 400-level course). Four credits designated “cultural diversity” must be fulfilled with Music 104.

Electives: 5-13 credits — must include one course from the following: IDS 171; English 231, 232; History 130, 131; Philosophy 230, 232.

Basic Musicianship: Concert Attendance, eight semesters (Music 080); Perspectives in Music (Music 102), Theory I, II, III and IV (Music 111, 112, 211, 212), Aural Skills I, II, III and IV (Music 113, 114, 213, 214), Eurhythmics (Music 201, 202), Keyboard Skills (Music 197, 198, 297, 298, or by placement), Music Literature Before 1700 (Music 321), History and Literature of the Symphony (Music 324) or History and Literature of Opera (Music 326), Orchestration (Music 341), Conducting Techniques (Music 345), Seminar in Music (Music 491), plus courses in Literature and Pedagogy of the principal applied area. Diction courses (Music 347, 348 and 349) are required for voice majors.

Performance: 24 credits in Applied Major Area (choose one from Music 161-168, 171-175, 177, 179-181); 4 credits in Applied Minor Area for organ and piano majors only; 4 credits in ensembles. Students are required to enroll in an ensemble each semester.

TOTAL CREDITS = 126 credits

BACHELOR OF MUSIC IN VOCAL MUSIC EDUCATION

General Education Curriculum: First-Year Seminar; Expository Writing; IDS 200; Music 104; one course in Mathematics; Science I; Cultural Heritage I and II — fulfilled by taking Music 321 and Music 324 or 326; Health Dynamics; Basic Studies

MUSIC

in Religion, plus one upper level course in Religion; Second Language — one course at the second semester level; Social Science — fulfilled by taking Educational Psychology/Field Placement (Ed 220, 221); Senior Seminar (IDS 400-level course).

Basic Musicianship: Concert Attendance, seven semesters (Music 080); Perspectives in Music (Music 102), Theory I, II, III and IV (Music 111, 112, 211, 212), Aural Skills I, II, III and IV (Music 113, 114, 213, 214), Eurhythmics (Music 201, 202), Keyboard Skills (Music 197, 198, 297, 298, or by placement), Music Literature Before 1700 (Music 321), History and Literature of the Symphony (Music 324) or History and Literature of Opera (Music 326), Seminar in Music (Music 491).

Performance: 14 credits in one Applied Music instrument and a minimum of 4 credits in ensembles. Students are required to enroll in an ensemble in each of 7 semesters. In addition, non-voice majors are required to have at least four semesters of private studio voice.

Music Education (Secondary certification, K-12 endorsement): Elementary Music Methods (Music 300), Woodwind Methods I (Music 336), Instruments of the Band and Orchestra (Music 337), Conducting Techniques (Music 345), Advanced Choral Conducting (Music 355), Middle School Music Methods (Music 375), Secondary Choral Methods (Music 376).

Professional Education Courses (secondary certification): Educational Psychology/Field Placement; Exceptional Child/Field Placement; Secondary Reading; Secondary Principles and Methods; Perspectives in Education; Student Teaching Seminar; Student Teaching in the Elementary and Secondary Schools (K-12).

TOTAL CREDITS = 134-135 credits

BACHELOR OF MUSIC IN INSTRUMENTAL MUSIC EDUCATION

General Education Curriculum: (Same as above program)

Basic Musicianship: Concert Attendance, seven semesters (Music 080); Perspectives in Music (Music 102), Theory I, II, III and IV (Music 111, 112, 211, 212), Aural Skills I, II, III and IV (Music 113, 114, 213, 214), Eurhythmics (Music 201, 202), Keyboard Skills (Music 197, 198, 297, 298, or by placement), Music Literature Before 1700 (Music 321), History and Literature of the Symphony (Music 324) or History and Literature of Opera (Music 326), Orchestration (Music 341), Seminar in Music (Music 491).

Performance: 14 credits in one Applied Music instrument; minimum of 4 credits in ensembles. Students must participate in an ensemble in each of 7 semesters. One semester of ensemble participation for credit must be a vocal ensemble. Wind/percussion majors are also required to enroll in the Anchor Band on a secondary instrument for at least one credit.

Music Education: Elementary Music Methods (Music 300), String Methods (Music 333), Woodwind Methods I and II (Music 336, 340), Brass Methods (Music 339), Percussion Methods (Music 346), Conducting Techniques (Music 345), Advanced Instrumental Conducting (Music 356), Secondary Instrumental Methods and Administration (Music 370).

Professional Education Courses: (Same as vocal music education program)

TOTAL CREDITS = 139-140 credits

All students pursuing the Bachelor of Music degree must participate in ensemble work each semester. When the principal instrument is voice or a band/orchestral instrument, the student must enroll in a large ensemble (Music 115, 116, 117, 120, 130, 133, 135, 140, 150) each semester. Music education majors are excused from this requirement during the semester of student teaching. Students whose principal instrument is piano, organ or guitar must fulfill their ensemble credits through

MUSIC

enrollment in any of the large ensembles listed above. During semesters of degree study when they are not enrolled in a large ensemble for credit, they may enroll in Music 160 or fulfill the ensemble participation requirement by accompanying in the Department of Music in conjunction with course requirements for Music 177 or 179.

BACHELOR OF MUSIC IN PERFORMANCE (JAZZ)

General Education Curriculum: (Same as Bachelor of Music in Performance)

Basic Musicianship: Concert Attendance, eight semesters (Music 080); Perspectives in Music (Music 102), Theory I, II, III and IV (Music 111, 112, 211, 212), Aural Skills I, II (Music 113, 114), Keyboard Skills (Music 197, 198), History and Literature of the Symphony (Music 324) or History and Literature of Opera (Music 326), Seminar in Music (Music 491), Jazz Literature and Pedagogy (Music 365).

Performance: 24 credits in Applied Major Area (choose one jazz instrument from Music 164, 167, 168, 171, 176, 179, 180, 181); 4 credits in ensembles (choose from Music 135 and 160: Jazz Chamber Ensemble). Students are required to participate in an ensemble each semester.

Jazz Studies: Survey of Jazz (Music 105), 6 credits of Jazz Piano (Music 179), Jazz Theory and Improvisation I (Music 361), Jazz Styles and Analysis (Music 363), Jazz Composition and Arranging I (Music 366).

Electives: 14 credits chosen from the following courses: Counterpoint (Music 315), Music Literature before 1700 (Music 321), Orchestration (Music 341), Conducting Techniques (Music 345), Jazz Theory and Improvisation II (Music 362), Jazz Composition and Arranging II (Music 367), Recording Arts and Techniques (Music 368).

TOTAL CREDITS = 132 credits

BACHELOR OF ARTS WITH A MAJOR IN MUSIC

General Education Curriculum: First-Year Seminar; Expository Writing; two courses in Mathematics; Science I and II; Cultural Heritage I and II — fulfilled by one of the following: IDS 172, English 232, History 131, Philosophy 232 (at least one course must be IDS); Health Dynamics; Arts I and II (must be fulfilled with non-music arts courses); Cultural Diversity requirement must be fulfilled with Music 104; Basic Studies in Religion, plus one other course in Religion; Second Language — one course at the second semester level; Social Science — two courses from the Departments of Communication, Psychology, Sociology, or the Departments of Economics, Management and Accounting or Political Science; Senior Seminar.

Electives (non-music): 12-24 credits

Electives (music): 0-12 credits

Basic Musicianship: Concert Attendance, six semesters (Music 080); Perspectives in Music (Music 102), Theory I, II, III and IV (Music 111, 112, 211, 212), Aural Skills I, II, III and IV (Music 113, 114, 213, 214), Eurhythmics (Music 201, 202), Keyboard Skills (Music 197, 198), Music Literature Before 1700 (Music 321), History and Literature of the Symphony (Music 324) or History and Literature of Opera (Music 326), Seminar in Music (Music 491).

Performance: 8 credits in Applied Major Area (choose one from Music 161-181); 4 credits in ensembles. Enrollment in applied music must occur in consecutive semesters, and enrollment in ensemble must be concurrent with applied study.

TOTAL CREDITS = 127 credits

GENERAL INTRODUCTORY COURSES:

080. Concert Attendance — Attendance at selected departmental recitals (Thursdays, 11:00 a.m.) and other music events, totaling ten per semester. Four semesters

MUSIC

required for music minors, six for B.A. Music, seven for B.Mus. Vocal and/or Instrumental Music Education, eight for B.Mus. Performance and Performance (Jazz). Pass/Fail.

Zero Credits Strouf Both Semesters

101. Introduction to Music — Introduction to the art of listening to music, emphasizing European and American art music from the Middle Ages through the present, with selected examples from jazz, popular, and world music traditions. The course will build tools for active listening and basic musical analysis, but not musical notation or performance skills. In addition to hearing pieces of music as timeless as works of art, students will explore connections between music and its cultural context.

Four Credits Staff Both Semesters

102. Perspectives in Music — An introduction to the historical development of music and the skills necessary in listening to major works of all periods.

Two Credits Hornbach Spring Semester

104. World Music — Introduction to the sounds and social activities of musical traditions from around the globe, with emphasis on the musics of West Africa, Japan, Eastern Europe, the Middle East, and North America. Students will develop listening skills and basic vocabulary for describing music, with opportunities for active participation in music-making. The course will explore the evolving roles of music in myth, religion, politics, and economics; the formation of class, ethnic, and gender identities; and the processes of globalization. Required cultural diversity course for all music majors.

Four Credits Randel Both Semesters

105. Survey of Jazz — The purpose of the course is to introduce the students to the art of jazz and its related cultural and historical developments. The course will examine the music and its significant figures in a forum that is sensitive to the ethnic and societal underpinnings at the heart of the music. Emphasis will also be placed on the cognitive listening skills necessary to better understand and appreciate this unique American art form. By nature of the topic and its content, this course fulfills a four-credit cultural diversity requirement.

Four Credits Coyle, Talaga Both Semesters

THEORETICAL/HISTORICAL/PEDAGOGICAL COURSES:

111. Theory I — This course is the first of four core courses in music theory. The course will include a thorough grounding in music fundamentals and an introduction to diatonic harmony, species counterpoint, musical form, and composition.

Four Credits Hodson, Sooy Fall Semester

112. Theory II — This course is the second of four courses in the music theory core. The course will continue the study of diatonic harmony, form, species counterpoint, and composition begun in Theory I and will also introduce chromatic harmony and modulation. Prerequisite: C average or better in MUS 111.

Four Credits Hodson Spring Semester

113. Aural Skills I — Required for music majors and minors, this course is designed to equip students with a systematic method of aural perception. The course includes drills, sight singing and melodic and rhythmic dictation. Completion of Music 111 or concurrent enrollment required.

One Credit Wolfe Fall Semester

114. Aural Skills II — A continuation of Music 113, adding dictation in several parts. Prerequisite: C average or better in Music 113. Completion of Music 112 or concurrent enrollment required.

One Credit Wolfe Spring Semester

MUSIC

Placement in the appropriate level of Keyboard Skills is by audition and advisement at the beginning of each semester. Students pursuing majors within the Bachelor of Music degree must successfully pass the appropriate piano proficiency exam. Enrollment in Keyboard Skills or Music 179 is required each semester until the exam is passed. After the exam is passed, remaining Keyboard Skills courses required for the degree may be waived by petition to the chairperson of the Department of Music.

197. Beginning Keyboard Skills — Designed for students with little piano background; beginning repertoire, scales, studies are covered, as well as elementary harmonization, improvisation and other functional skills.

One Credit Strouf Fall Semester

198-01. A continuation of 197 — Prerequisite: C average or better in Music 197.

One Credit Strouf Spring Semester

201. Eurhythmics — A course designed to teach musical rhythm through body movement. Linear and contrapuntal rhythms as well as small forms are studied in physical movement through space in order to develop aural awareness, physical and mental alertness, rhythmic coordination, fluidity and expressivity. Must be taken concurrently with Music 213.

One-Half Credit Aschbrenner Fall Semester

202. A continuation of 201 — Prerequisite: C average or better in Music 201. Must be taken concurrently with Music 214.

One-Half Credit Aschbrenner Spring Semester

211. Theory III — This course is the third of four courses in the music theory core. The course will continue the study of chromatic harmony, form, and composition begun in Theory II, and will do so in the context of the analysis of longer musical excerpts and complete pieces. Prerequisite: C average or better in MUS 112. Note: offered in Fall 2008 for three credits for the last time, for students who matriculated at Hope prior to Fall 2008.

Four Credits Hodson Fall Semester

212. Theory IV — This course is the fourth course in the music theory core. The course will focus entirely on 20th- and 21st-century post-tonal music and appropriate theoretic and analytic models. Prerequisite: C average or better in MUS 211. Note: offered in Spring 2009 for three credits for the last time, for students who matriculated at Hope prior to Fall 2008.

Four Credits Hodson Spring Semester

213. Aural Skills III — A continuation of Music 114. Prerequisite: C average or better in Music 114. Completion of Music 211 or concurrent enrollment required. Must be taken concurrently with Music 201, or prior completion.

One Credit Wolfe Fall Semester

214. Aural Skills IV — A continuation of Music 213. Prerequisite: C average or better in Music 213. Completion of Music 212 or concurrent enrollment required. Must be taken concurrently with Music 202, or prior completion.

One Credit Wolfe Spring Semester

295. Studies in Music — A lecture or seminar class in a special topic offered at the sophomore level.

Two to Four Credits Staff

297. Intermediate Keyboard Skills — Practical piano training for students who evidence a degree of proficiency. Deals with harmonization, improvisation, transposition, and sight reading techniques. Prerequisite: placement by instructor, or C average or better in Music 198.

One Credit Kolean Fall Semester

298. Keyboard Skills — Continuation of course 297. Prerequisite: C average or better in Music 297.

One Credit Kolean Spring Semester

MUSIC

300. Elementary Music Methods — A practical presentation of how to teach music to school children, using singing, instruments, and movement. Students will present music lessons in a practicum setting, exploring current trends in pedagogy. Designed for the classroom teacher and the music specialist. Prerequisite: sophomore standing in music education or permission of instructor.

Three Credits Hornbach Fall Semester

311. Form and Analysis — A practical and analytical course in the structure of music, as well as the harmonic and polyphonic devices employed in representative major works. Prerequisites: C average or better in Theory IV. Note: After Fall 2009 this course will be deleted. It is no longer a requirement for music majors matriculating in Fall 2008 or later.

Three Credits Hodson Fall Semester

315. Counterpoint — A study of the basic techniques of eighteenth century counterpoint using a modified species approach. Prerequisites: C average or better in Theory IV.

Three Credits Lewis Spring Semester

321. Music Literature Before 1700 — Survey of Western music from the time of the ancient Greeks through the 17th century, including music of the church, court, and theater. Composers to be studied include Hildegard of Bingen, Machaut, Dufay, Josquin, Palestrina, Monteverdi, and Lully. Prerequisite: Music 101, Music 102 or consent of instructor. Music 211 is also a prerequisite.

Four Credits Randel Spring Semester

324. History and Literature of the Symphony — This course traces the history of the symphony as a musical genre, from its beginnings in the early 18th century through the 20th. Through close study of several major works, students will gain a deeper understanding of the conventions of symphonic form as established in the 18th century, and adapted by later composers. In addition, students will develop a broad understanding of the changes in musical style during this period, and their relationship to historical, social, and political events. Repertoire will include works by Haydn, Mozart, Beethoven, Schubert, Schumann, Mendelssohn, Brahms, Mahler, Bruckner, Webern, Stravinsky, Copland, and Shostakovich. Either Music 324 or 326 must be completed for any music major curriculum. Prerequisite: Music 101, Music 102, or consent of instructor. Music 211 is also a prerequisite, or may be taken concurrently.

Four Credits Randel Fall Semester, Even Years

326. History and Literature of Opera — This course traces the history of opera as a musical genre, from its beginnings in the early 17th century through the 20th. Through close study of several major works, students will gain a deeper understanding of the conventions of various operatic forms, and of approaches to combining music with drama. In addition, students will develop a broad understanding of the changes in musical style during this period, and their relationship to historical, social, and political events. Repertoire will include works by Monteverdi, Handel, Gluck, Mozart, Rossini, Wagner, Verdi, Strauss, Berg, Gershwin, and Glass. Either Music 324 or 326 must be completed for any music major curriculum. Prerequisite: Music 101, Music 102, or consent of instructor. Music 211 is also a prerequisite, or may be taken concurrently.

Four Credits Randel Fall Semester, Odd Years

327. Organ Literature — A survey of the various periods of organ composition, with emphasis upon the study and performance of representative works.

Two Credits Lewis Fall Semester, Odd Years

328. Music in the Church — A study of the nature and meaning of Christian worship; the legacy of temple and synagogue worship; early Christian worship; the worship of the Roman Church; Reformation liturgies; a study of hymnology and a

MUSIC

survey of the great music of the church, including the development of the anthem and oratorio.

Three Credits Lewis Fall Semester, Even Years

329. Piano Pedagogy I — Introduces methods and materials used in teaching elementary and intermediate piano for private and class instruction at all age levels. Observation, analysis and supervised student teaching in both the private lesson and classroom are included. Students other than majors may register upon consent of the piano staff.

One Credit Aschbrenner Fall Semester, Even Years

330. Piano Pedagogy II — Continuation of Piano Pedagogy I.

One Credit Aschbrenner Spring Semester, Odd Years

331. Piano Literature I — A survey of piano literature from 1700 to the present day, including listening to and performing representative works. Required of piano performance majors and strongly recommended for music education majors whose principal instrument is piano.

One Credit Le Fall Semester, Odd Years

332. Piano Literature II — Continuation of Piano Literature I. Required of piano performance majors and strongly recommended for music education majors whose principal instrument is piano.

One Credit Le Spring Semester, Even Years

333. String Methods — A course in the fundamentals of playing and teaching string instruments. Designed primarily for the major.

One Credit Staff Fall Semester, Odd Years

334. Organ Pedagogy — A study of methodologies for teaching organ, from the beginning through advanced levels. The course may contain individualized practicum experience. Required for B.M. Organ Performance majors.

Two Credits Lewis Spring Semester, Even Years

335. Violin/Viola Pedagogy, Literature — A course designed to provide advanced knowledge of the history and repertoire of the violin and viola, the art of teaching the violin and viola, and the appropriate orchestral literature.

Three Credits Craioveanu Fall Semester, Odd Years

336. Woodwind Methods I — A course in the fundamentals of playing and teaching woodwind instruments. Required for vocal and instrumental music education majors.

One Credit Holden Fall Semester

337. Instruments of the Band and Orchestra — A course in the fundamentals of playing and teaching the instruments of the band and orchestra. Required for the vocal music education major. Prerequisite: Music 336.

One Credit Southard Fall Semester, Even Years

339. Brass Methods — A course in the fundamentals of playing and teaching brass instruments. Required for instrumental music education majors.

One Credit Staff Spring Semester, Odd Years

340. Woodwind Methods II — Continuation of course 336.

One Credit Staff Spring Semester, Odd Years

341. Orchestration — Principles of scoring and transcription for small and large ensembles based on an understanding of the properties of the instruments of the orchestra. Students will acquire an increased awareness of instrumental timbres through live demonstrations and recordings. Final projects employ Finale and/or Sibelius software.

Three Credits Piippo Fall Semester

345. Conducting Techniques — A practical study of the fundamentals of conducting.

Two Credits Richmond Fall Semester

MUSIC

346. Percussion Methods — A course in the fundamentals of playing and teaching percussion instruments. Required for instrumental music education majors.

One Credit Secor Spring Semester, Even Years

347. Diction for Singers I — A study of the International Phonetic Alphabet and the principles of singing in English and Italian. Recommended for students enrolled in Music 181 (Applied Voice Lessons). Required for B.Mus. vocal performance majors.

One Credit Dykstra Spring Semester

348. Diction for Singers II — A study of German diction for singing, incorporating the International Phonetic Alphabet and standard principles for singing in German. Required for B.Mus. vocal performance majors.

One Credit Dykstra Fall Semester, Even Years

349. Diction for Singers III — A study of French diction for singing, incorporating the International Phonetic Alphabet and standard principles for singing in French. Required for B.Mus. vocal performance majors.

One Credit Sharp Fall Semester, Odd Years

350. Service Playing — Instruction in anthem and oratorio accompaniment, conducting from the console, and improvisation. Prerequisite: one and one-half years of organ. Recommended for organ majors.

Two Credits Lewis Spring Semester, Odd Years

351. Voice Literature — Required for B. Mus. voice performance majors, recommended for vocal music education majors. A survey of standard solo voice literature. Guided independent work will require approximately 2-3 hours weekly outside of class.

Two Credits Kennedy-Dygas Spring Semester, Odd Years

352. Voice Pedagogy — Required for B. Mus. voice performance majors and strongly recommended for vocal music education majors. The physiology and functioning of the singing voice, and approaches to developing healthy vocal technique in solo singers, including sample student teaching and classroom analysis.

Two Credits Kennedy-Dygas Fall Semester, Even Years

353. Literature and Pedagogy — A course designed to provide advanced knowledge of the history and repertoire of the specified instrument, the art of teaching the specified instrument, and the appropriate orchestral literature. Offered for the following instruments: flute (353-01), oboe (353-02), clarinet (353-03), saxophone (353-04), bassoon (353-05), horn (353-06), trumpet (353-07), trombone (353-08), percussion (353-09), harp (353-10), cello (353-11), guitar (353-12). The course/section corresponding to the primary instrument is required for Bachelor of Music in Performance majors in these instruments.

Three Credits Staff On Demand

355. Advanced Choral Conducting — A course designed to further the study of conducting technique begun in Music 345, with special attention to choral music. Required for vocal music education majors.

Two Credits Richmond Spring Semester

356. Advanced Instrumental Conducting — This course is designed to further the study of conducting technique begun in Music 345, with special attention to band and orchestral music. Required for B.M. Instrumental Music Education majors.

Two Credits Southard Spring Semester

361. Jazz Theory and Improvisation I — The purpose of the course is to introduce the student to the art of jazz improvisation. Through the study of jazz theory, composition, history, solos and piano, the student will acquire a basic knowledge of jazz improvisation.

Three Credits Coyle Fall Semester

MUSIC

362. Jazz Theory and Improvisation II — The purpose of the course is to continue the skill building process established in Music 361. This course will introduce the student to advanced techniques and practices of jazz improvisation. The course will cover tune/solo analysis as well as developing a more definitive concept of chord/scale relationships. Contemporary performance practices will be discussed, including the use of synthetic scales and free improvisation. Prerequisite: Music 361.

Three Credits Talaga Spring Semester

363. Jazz Styles and Analysis — The course offers students the opportunity to study the stylistic traits of the seminal figures in jazz history. This process is intended to enrich the musical growth of each student in a manner that will facilitate the development of a personal mode of study that will sustain itself for years to come. Immersed within the historical context of jazz, the student will gain an understanding for the lineage of improvisational developments.

Three Credits Hodson Fall Semester, Odd Years

365. Jazz Literature and Pedagogy — This course is designed for the student to develop and demonstrate an understanding of the basic materials, systems, and philosophies related to the teaching of jazz. The course will place an emphasis on the pedagogy and literature of teaching jazz at the secondary and college levels.

Three Credits Coyle Spring Semester, Even Years

366. Jazz Composition and Arranging I — The purpose of the course is to acquaint the student with the notational practices, common practice instruments, basic theoretical and technical skills, and historical stylistic perspectives necessary to begin successfully arranging and composing for the jazz combo. The course is designed to develop arranging and/or compositional skills in the jazz idiom through the study of jazz orchestration and harmonic and melodic practices. Upon completing the reading, listening, and score analysis assignments, students will score several mini-charts as well as a final fully realized composition. All music will be performed and recorded.

Three Credits Talaga Fall Semester

367. Jazz Composition and Arranging II — The purpose of the course is to continue the skill building process established in Music 366. The course will acquaint the student with the notational practices, common practice instruments, basic theoretical and technical skills, and historical stylistic perspectives necessary to begin successfully arranging and composing for the large jazz ensemble. The course is designed to develop arranging and/or compositional skills in the jazz idiom through the study of jazz orchestration and harmonic and melodic practices. Upon completing the reading, listening, and score analysis assignments, students will score several mini-charts as well as a final fully realized composition. All music will be performed and recorded.

Three Credits Talaga Spring Semester, Even Years

368. Recording Arts and Techniques — The course serves as an introduction to the art of recording. A familiarity will be gained with the instrumentation and techniques utilized in the capturing and reproduction of sound. The physics and concepts involved with the many aspects of sound and sound reproduction will be discussed. Additionally, the concepts and techniques involved in analog, digital and MIDI technology will be essential components of the course. Students will receive hands-on training in the recording arts laboratory and piano/technology laboratory.

Two Credits Erskine Fall Semester

370. Secondary Instrumental Methods and Administration — The purpose of this course is to develop techniques and skills for teaching instrumental music in the secondary School. This course addresses: teaching instrumental performing groups,

MUSIC

creating concept lesson plans, choosing appropriate literature, building public relations. Other topics include school music performances, discipline, recruitment, evaluations, budgeting, non-performance classes, and political/social issues pertinent to the music classroom. Required for all instrumental music education majors.

Three Credits Southard Fall Semester, Odd Years

375. Middle School Music Methods — This course addresses teaching techniques in the performance and general music classroom. Other topics include materials, administration, inclusion, public relations, discipline, recruiting, and evaluation. An on-site observation component is required. Required for all vocal music education majors.

Two Credits Hornbach Spring Semester, Even Years

376. Secondary Choral Methods — This course addresses techniques and skills for teaching vocal music in the secondary school. Other topics include vocal literature, choral style, concept lesson plans, inclusion, public relations, arranging, contests, touring, finances, discipline, recruiting, evaluation, non-performance classes, current music education approaches and political/social issues pertinent to the music classroom. Required for all vocal music education majors.

Two Credits Hornbach Spring Semester, Odd Years

377. Folk-Style Guitar Methods — Open to all students. The student shall learn basic major, minor and 7th chords, strumming and finger picking techniques, bar chords and how to read tablature. These techniques, using folk song repertoire, will be used to accompany the singing voice. Complete in one semester.

Two Credits Malfroid Both Semesters

393. Studies in Music Theory — Advanced studies at the upperclass level in music theory analysis, focusing on a particular analytic technique, musical parameter, critical approach, or repertory. Topics vary from year to year. Prerequisite: Grade of C or better in Music 212. May be repeated for credit.

Two to Four Credits Hodson Fall Semester

394. Studies in Music History — Advanced studies at the upperclass level in music history, focusing on a particular period, composer, critical approach, or repertory. Topics vary from year to year. Prerequisites: Grade of C or better in Music 102 and Music 212 or permission of instructor. May be repeated for credit.

Two to Four Credits Randel Spring Semester

397. Keyboard Skills for Piano and Organ Students — Open to students whose major instrument is piano or organ, or who possess comparable keyboard skill. Emphasis on sight reading and accompanying skills. Harmonization is followed by a focus on transposition, improvisation, and practical harmonic vocabulary. May be taken twice for credit.

One Credit Aschbrenner, Le, Lewis Fall Semester

398. Keyboard Skills for Piano and Organ Students — A continuation of Music 397. Prerequisite: C average or better in Music 397. May be taken twice for credit.

One Credit Aschbrenner, Le, Lewis Spring Semester

490. Independent Study — This course is designed to give students majoring in music an opportunity to do research in a field of Music History or Theory in which they have a particular interest. The student will submit a formal application which must be approved by the music chairperson.

Two to Four Credits Staff Both Semesters

491. Seminar in Music — A required capstone music course designed to allow students to investigate specialized topics in music, including historical, analytical, and pedagogical. Each student designs and carries out an independent project culminating

MUSIC

in a 20-page senior paper, and public presentation of the project. Prerequisites: Music 321 and either Music 324 or 326, or concurrent enrollment.

Two Credits Randel Fall Semester

493. Studies in Music Theory — Advanced studies at the senior level in music theory analysis, focusing on a particular analytic technique, musical parameter, critical approach, or repertory. Topics vary from year to year. Prerequisite: Grade of C or better in Music 212. May be repeated for credit.

Two to Four Credits Hodson On Demand

494. Studies in Music History — Advanced studies at the senior level in music history, focusing on a particular period, composer, critical approach, or repertory. Topics vary from year to year. Prerequisites: Grade of C or better in Music 102 and Music 212 or permission of instructor. May be repeated for credit.

Two to Four Credits Randel On Demand

495. Studies in Music — A lecture or class in a special topic for music majors.

Two to Four Credits Staff

APPLIED MUSIC COURSES

Applied Music courses are available to all students, from beginners to advanced, contingent upon space in the studio or class. Private or class instruction is by advisement of the faculty, depending upon the student's degree of preparation. All students are required to take a performance jury at the end of each semester.

The first jury for students enrolled concurrently in Music 111 and applied study will constitute an entrance evaluation for the music major or minor. These students must submit the major or minor declaration form to the evaluating faculty at the jury. Results of the evaluation will be communicated to the student by the end of the drop/add period in January.

In partial fulfillment of music major requirements, seniors majoring in performance will give a full length recital. Students majoring in music education will give at least a half recital in a semester other than the student teaching semester. Instrumental music education majors must include a chamber work (performed with at least two other instruments) on the required recital. All juniors majoring in performance will give either a partial or full recital, the length to be at the instructor's discretion. Other recitals may be approved by the respective performance area.

For study on the primary instrument, music education majors must enroll in the applied course section designated for music education majors. Students in these sections enroll for two credits of applied instruction but receive a 60-minute lesson weekly. In all other cases, two credits of applied instruction provide 30-minute lessons weekly, while three credits provide 60-minute lessons weekly.

Lessons in Applied Music will not be made up unless students notify the instructor a reasonable time in advance of their absence. Private lessons falling on legal and special holidays will not be made up.

All Applied Music students are required to fulfill practice time requirements. The Applied Music teacher will establish the exact requirements. Students pursuing the music major or minor with piano or organ as the primary instrument are required to accompany in the Department of Music during each semester of applied study, unless exempted by the Head of the Keyboard Area. Two-credit courses are open to all students, including non-music majors. Three-credit courses are intended for performance majors, or open to others by permission of instructor.

MUSIC

APPLIED MUSIC — PRIVATE INSTRUCTION

Beginning piano and voice students should enroll in beginning class instruction or in Music 179-51 (piano, pending audition) or Music 181-51 (voice, pending audition). Students may enroll directly for study in any other instrument.

Course Numbers/Areas of Study:

161 Flute; 162 Oboe; 163 Clarinet; 164 Saxophone; 165 Bassoon; 166 Horn; 167 Trumpet; 168 Trombone; 169 Baritone; 170 Tuba; 171 Percussion; 172 Harp; 173 Violin; 174 Viola; 175 Cello; 176 String Bass; 177 Organ; 178 Harpsichord; 179 Piano; 180 Guitar; 181 Voice.

APPLIED MUSIC — CLASS INSTRUCTION:

186. Guitar Class, Beginning — Open to all students. A classical (nylon-string) guitar is required. The student shall learn the elements of notation, holding position, left and right hand techniques, the notes in the first position, and be able to play early preludes and etudes. A foundation course for further private study.

Two Credits Malfroid Both Semesters

190. Piano Class, Beginning — Open to all students who are beginning piano study, with the exception of piano majors to whom it is closed entirely. Limited to four credits total.

Two Credits Kraft Both Semesters

192. Voice Class, Beginning — Open to all students; meets twice weekly.

Two Credits Pilon Both Semesters

195. Small Group Voice — Based on audition/placement.

Two Credits Pilon Both Semesters

INDIVIDUALIZED INSTRUCTION:

188. Applied Composition; 189. Applied Computer Music

ENSEMBLES — CHORAL AND INSTRUMENTAL

All students participating in Department of Music ensembles must enroll in the appropriate course either for credit or for zero credits.

115. Chapel Choir — The Chapel Choir is an ensemble of approximately 60 voices. Membership is open to sophomores, juniors and seniors by audition. The choir is dedicated to the performance of the finest sacred and secular choral music of the past five centuries. This ensemble participates in Christmas Vespers concerts and presents numerous on and off campus concerts during the year including an annual spring break tour. Auditions are held in April for the following year's membership.

One Credit or Zero Credits Richmond Both Semesters

116. College Chorus — The Chorus is open to all students without audition. Choral literature spanning five centuries is rehearsed twice weekly. The Chorus participates in the annual Christmas Vespers concerts with the Chapel Choir in the fall semester and presents its own concert in the spring semester.

One Credit or Zero Credits Richmond Both Semesters

117. Women's Chamber Choir — The Choir is open to all women by audition. The ensemble explores choral literature for treble voices.

One-Half Credit or Zero Credits Wolfe Both Semesters

120. Orchestra — By audition, offers music majors and non-majors alike the opportunity to perform major works from the standard orchestra repertoire. Members are assigned parts as appropriate. The core members of the Hope College Orchestra

MUSIC

constitute the Hope College Symphonette, which tours both nationally and internationally, and performs at the Christmas Vespers.

One Credit or Zero Credits Piippo Both Semesters

130. Wind Symphony — An ensemble of 60 members which performs standard band literature as well as music utilizing the concept of one player per part. Performs four concerts on campus as well as trips to other cities and schools.

One Credit or Zero Credits Southard Both Semesters

133. Anchor Band — Performs for campus athletic events and also functions as a jazz ensemble.

One Credit or Zero Credits Southard Both Semesters

135. Jazz Ensemble — Enables the student to experience the literature written specifically for the large jazz ensemble. Improvisation and ensemble playing are the key components of the course. Music from many jazz eras is performed and explored.

One Credit or Zero Credits Coyle Both Semesters

140. Collegium Musicum – Vocal — The Collegium is a chamber ensemble open to all students by audition. Annual performances include a Madrigal Dinner in December and a concert of music from the Medieval, Renaissance and Baroque periods in the spring semester. Auditions are held during the first week of each semester.

One-Half Credit or Zero Credits Richmond Both Semesters

155. Opera Workshop — A workshop involving stage movement, acting and singing in the context of opera or musical drama. All students will participate in scenes or full productions.

One Credit or Zero Credits Staff Spring Semester

160. Chamber Ensembles — Various faculty coach chamber ensembles in both jazz and classical repertory.

One-Half Credit or Zero Credits Staff Both Semesters

NEUROSCIENCE



Faculty: Mr. Barney*, Mr. Behensky, Ms. Chase (Director), Mr. Fraley, Ms. Madison, Mr. Perovich**, Mr. Shaughnessy; **Associated Faculty:** Ms. Bartley, Ms. Barton, Ms. Burnatowska-Hledin, Mr. Cronkite, Ms. George, Ms. Hwang, Ms. Hernandez Jarvis, Mr. Ludwig, Ms. Roehling, Ms. Winnett-Murray, Ms. vanOyen Witvliet.

Neuroscience is one of the fastest growing interdisciplinary fields of study, combining biology, chemistry, computer science, psychology, physics, mathematics, and philosophy. The neuroscience program at Hope College is founded on one of its greatest strengths, its research program, and promotes the process of discovery and inquiry-based learning. The program is designed to meet the following objectives:

1. Students will obtain an understanding of the fundamental principles of neuroscience.
2. Students will obtain an appreciation/understanding of the interdisciplinary aspect of neuroscience.
3. Students will be able to develop hypotheses, design experiments, carry on these experiments and interpret data for a question related to a neuroscience problem.
4. Students will discuss ethical issues related to scientific research.
5. Students will be able to access, read and gain insight from reading the primary neuroscience literature.

The neuroscience minor is structured on the existing disciplinary course infrastructures, thus allowing students to tailor their own specialized program to match their interests. The minor consists of a total of 21 credit hours, including four core neuroscience courses listed below and flagged courses from multiple disciplines.

The core courses will consist of:

NSCI 211 Introduction to Neuroscience: a sophomore-level introductory course and lab (4 credits)

NSCI 311 Neuroscience Journal Club: a neuroscience journal club (1 credit; must be taken a total of 2 times)

NSCI 411 Advanced Neuroscience Research I: a senior-level capstone research course (2 credits)

NSCI 412 Advanced Neuroscience Research II: a senior-level post-capstone writing course (1 credit)

In addition to the core courses, students are required to take 12 credits of flagged courses, only 8 of which may be taken in the student's major department and satisfy the requirements for the student's major. These courses include:

BIOLOGY

BIO 221 Human Physiology (4)

BIO 348 Advanced Topics in Cell Biology (4)

BIO 355 Embryology (4)

BIO 370 Animal Behavior (4)

BIO 442 Advanced Topics in Animal Physiology (4)

ENG 113 Neuroscience and Identity (4)

MATHEMATICS

MATH 395 Mathematical Biology (4) in years when Neuroscience is in the syllabus

PHILOSOPHY

PHIL 325 Philosophy of Mind (4)

PSYCHOLOGY

PSY 310 Practical Aspects of Memory (4)

PSY 320 Physiological Psychology (4)

*Sabbatical Leave, Spring Semester 2009

**Sabbatical Leave, Academic Year 2008-09

NEUROSCIENCE

- PSY 340 Cognitive Psychology (4)
- PSY 370 Behavior Disorders (3)
- PSY 395 Drugs and Addiction (4)
- PSY 395 Learning and Learning Strategies (4)

NURSING

- NURS 320 Pathophysiology (4)
- NURS 325 Psychiatric Mental Health Theory and Practicum (3)

Important Considerations:

1. Students with majors outside of psychology are strongly encouraged to take PSY 100 (Introduction to Psychology) to fulfill their Social Science I General Education Requirement. This class will prepare them for the upper-level flagged courses offered through the psychology department.
2. Students with 1) majors outside of biology and 2) who are interested in taking a flagged course in biology are strongly encouraged to take BIO 221 Human Physiology as their flagged course.
3. Students are encouraged to take NSCI 311 twice during their junior year, prior to enrolling in NSCI 411.
4. Students should attempt to take as many of their flagged courses as possible prior to enrolling in NSCI 411.

NEUROSCIENCE COURSES

211. Introduction to Neuroscience — An introduction to the interdisciplinary field of neuroscience that explores concepts fundamental to the field. After an initial overview of the field of neuroscience and a philosophical reflection on the mind, students will learn the basics of molecular, cellular, anatomical, and systems neuroscience. Students will then explore more complex behavior and cognitive topics including motivation and reward, memory, learning, attention, language and consciousness. Two, 1.5-hour class sessions and one, 3-hour laboratory/discussion section each week. Prerequisites: none. *Four Credits Barney, Behensky, Chase, Fraley Spring Semester*

311. Neuroscience Journal Club — This course provides an in-depth examination of a specific area of neuroscience through critical analysis of the primary neuroscience literature. Each topic is considered from multiple disciplinary perspectives and multiple levels of analysis. Potential topics include the study of neurodegenerative disorders, language development, thirst, memory, and learning. Discussion, 1 hour per week. Prerequisite: NSCI 211. *One Credit Neuroscience Staff Fall and Spring Semesters*

411. Advanced Neuroscience Research I — This is an interdisciplinary course in which students with different academic majors work together in 4-6 member teams to complete a self-designed neuroscience research project. The project will be directly related to a general neuroscience theme which will be chosen by the instructor(s). This course serves as the capstone course in the neuroscience minor program where students are expected to integrate and apply their knowledge and experimental expertise to complete their project. One, 3-hour lab session and one, 1-hour consulting/planning session per week. Prerequisites: NSCI 211 and 2 credits NSCI 311, or permission of instructor. *Two Credits Neuroscience Staff Fall Semester*

412. Advanced Neuroscience Research II — This is the second in a series of two capstone research courses in which students with different academic majors work together in 4-6 member teams to complete a self-designed neuroscience research project. In this course, student groups write a formal, scientific journal-style manuscript which summarizes their research project that was completed in the previous course. One, 1-hour discussion session per week. Prerequisite: NSCI 411.

One Credit Neuroscience Staff Spring Semester



Faculty: Mrs. Dunn, Chairperson; Ms. Barnum, Mrs. Barton, Ms. Chaponniere, Mrs. Clary-Sanford, Mrs. Garrett, Mrs. Scheerhorn, Ms. Vincensi, Mrs. Voskuil.

Department of Nursing Mission: The Hope College Department of Nursing will provide a baccalaureate nursing program of excellence within the context of the Christian faith that is recognized for its innovation in the preparation of professional nurses. Faculty will establish a collaborative teaching-learning environment to promote critical thinking, scholarship and professional development. Students will engage in the scholarly art and science of nursing and provide comprehensive, compassionate and culturally sensitive care for individuals, families, groups, and communities.

Nursing Program Outcomes: Upon completion of the program, the Hope College Department of Nursing graduate will: 1. Provide value-based nursing care to promote the optimal health of persons, within the context of the Christian faith. 2. Assume accountability for complex, comprehensive, holistic community-based nursing care for persons from culturally diverse populations. 3. Practice evidence-based professional nursing care based on scholarly inquiry. 4. Be prepared to engage in advanced education and activities of lifelong learning.

Nursing is an altruistic, scholarly profession that focuses on the practice of holistic care to promote the optimal health of people. The goal of the department is to prepare professional nurses with essential knowledge, competencies, attitudes, and values necessary for effective nursing practice.

Students enrolled in the nursing program engage in a wide variety of practicum nursing experiences. Students have learning experiences in a fully equipped nursing laboratory and media center. Practicum experiences occur in acute care and community sites. These sites include, but are not limited to, DeVos Children's Hospital, Holland Hospital, Spectrum Health, Zeeland Community Hospital, Mary Free Bed Rehabilitation Hospital, Pine Rest Christian Mental Health Services, Ottawa County Health Department, and St. Mary's Health Care. The research practicum will occur in the location where the research study is taking place. Students are responsible for their own transportation for practicum experiences.

Upon completion of all requirements, a Bachelor of Science in Nursing (BSN) is awarded. The graduate is eligible to take the licensing examination (NCLEX-RN (r)) in any state to become a registered nurse (RN). Students should be aware that the State Board of Nursing reviews the records of all graduates who have completed a nursing program to determine eligibility to take the NCLEX. The State Board of Nursing retains the right to deny a graduate permission to complete the licensure examination (NCLEX) if he or she has been convicted of a crime.

The Hope College Nursing Program is approved by the Michigan Board of Nursing (P.O. Box 30018, Lansing, MI 48909) and is accredited through the Commission on Collegiate Nursing Education (CCNE) (One Dupont Circle N.W., Suite 530, Washington, D.C. 20036-1120). The Hope College Nursing Program is also approved by the Illinois Board of Nursing (100 W. Randolph St., Chicago, IL 60601) to utilize the following facilities in collaboration with the Chicago Semester internship program: Children's Memorial Medical Center, Northwestern Memorial Hospital, Rush Medical Center, and University of Illinois Chicago Medical Center.

NURSING MAJOR

The nursing major can begin as early as fall of the sophomore year. A student who wishes to pursue a degree in nursing should begin prerequisite courses in the freshman year. If possible, students should indicate their interest in nursing on the application for admission to Hope College. A secondary admission to the nursing major is required. Application to the nursing major is generally done in the spring of

NURSING

the freshman year to begin nursing courses in the fall of the sophomore year or application can be made in the fall of the sophomore year to begin nursing courses in the spring of the sophomore year.

The nursing application includes the following items: 1) Nursing program student admission application form. 2) Two professional recommendations, one of which must be from a college professor. 3) Goal statement essay stating potential as a nursing student and long-term professional goals as a nurse. It is essential that the essay include examples of the following factors: critical thinking, caring, communication and personal characteristics. Consideration is given to cumulative grade point average, grade point average in prerequisite courses, and the caring, critical thinking, communication, and personal characteristics as evidenced in the recommendation forms and essay. 4) ACT and SAT scores may be reviewed and a standardized pre-nursing exam may be required.

Applications will be accepted at any time. Items described in 1-3 above must be received by the Department of Nursing by **February 1** or **October 1** of each year to receive a response prior to registration for the following semester.

Information concerning admission criteria, procedures, application forms, and a sample program plan are available in the Department of Nursing or on the nursing Web site (www.hope.edu/academic/nursing). All nursing major applicants must be accepted at Hope College and be in good standing. The nursing major declaration is completed after acceptance to the nursing program.

To be eligible for admission to the nursing program, students must have successfully completed one of the required natural science courses. At the time of program application, students must also be enrolled or have completed an additional required natural science course and one required social science course. To be eligible for admission to the nursing major, a minimum overall cumulative grade point average of 2.9 is required and a minimum grade of C (2.0) is required in each of the prerequisite courses. Admission is selective and completion of prerequisite courses does not assure acceptance into the nursing major. Preference will be given to a student who has completed a minimum of 12 Hope College credits. Students desiring to transfer to Hope College for the nursing major will be considered on a space available basis after being admitted to Hope College and after qualified students from Hope College are accepted in the nursing major.

Acceptance into the nursing program and continuation in the nursing program are contingent on passing a criminal background (fingerprint) check. Students will be charged a fee for the background check.

BACHELOR OF SCIENCE IN NURSING

The B.S.N. degree requires 39 credits as prerequisite or corequisite courses. Additionally, there are 49 required credits in nursing. A minimum of a C (2.0) is required for the nursing courses and the prerequisite or corequisite courses, and an overall GPA of 2.5 must be achieved throughout the program to meet nursing major graduation requirements. A student can fail or withdraw for academic reasons from only one non-nursing prerequisite/corequisite course one time. A student can fail or withdraw for academic reasons from only one nursing course one time. If a student fails or withdraws from a prerequisite, co-requisite or nursing course due to academic reasons a second time, he/she must withdraw from the nursing major and would no longer be eligible for the nursing major. Any prerequisite, corequisite or nursing course for which a student receives a grade of less than a C (2.0) must be repeated. A student must withdraw from the nursing major if the cumulative GPA is less than 2.5, and the student would no longer be eligible for the nursing major.

NURSING

Prerequisite and Corequisite Courses (39 credits):

Biology 195	Introduction to Cellular Biology (4)
Biology 221	Human Physiology (4)
Biology 222/Kinesiology 200	Human Anatomy (4)
Biology 231	Microbiology (4)
Chemistry 103	Introduction to Biological Chemistry (4)
Kinesiology 307	Introduction to Nutrition (3)
Mathematics 210	Introductory Statistics (4)
Psychology 100	Introduction to Psychology (4)
Psychology 230	Developmental Psychology (4)
Sociology 101	Sociology and Social Problems (4)

The Hope College general education requirements have some adaptations.

General Education Courses:

IDS 100	First Year Seminar (2)
English 113	Expository Writing (4)
Kinesiology 140	Health Dynamics (2)
Religion 100	Religion I only (2)
Arts	Arts I only (4)
Cultural Heritage	At least one course will be interdisciplinary. Cultural Heritage I & II are needed (8)
Second (Foreign) Language	(Numbered courses 102, 122, 172)
Senior Seminar (4)	

At least four credits must be designated as cultural diversity. (Sociology 101 will meet this requirement.)

Social Science, Mathematics and Natural Science requirements are met through the nursing prerequisite and corequisite courses.

Students who plan to complete both the Bachelor of Science in Nursing (B.S.N.) degree and another Bachelor of Science or Bachelor of Arts degree must complete the full B.S./B.A. general education requirements.

NURSING MAJOR COURSES

Evidence of the following items is required for nursing major courses:

1. health and immunization reports
2. certification in professional rescuer cardiopulmonary resuscitation (CPR)
3. health insurance

Students must have their own transportation for practicum experiences. Students will be required to purchase a nursing uniform and equipment for lab and clinical experiences. Drug screens may be required for some nursing practicum experiences. Students will be charged a fee for membership in the Student Nurses Association and for required NCLEX preparation tests. A Nursing Department Student Handbook is available for all policies and procedures.

The **required 49 credits of nursing courses** include the following with an asterisk (*). Any deviation from the listed prerequisite or corequisite courses must be approved by the instructor.

***210. Introduction to Professional Nursing** — A course that introduces the student to fundamental principles of professional nursing within a Christian context. It includes nursing theory, critical thinking, professional nursing roles, community-based nursing, nursing process, and holistic nursing care for individuals, families, groups, and communities. Prerequisites or corequisites include admission to the nursing major.

NURSING

Open to non-nursing majors by permission of the chairperson.

Two Credits Scheerhorn Both Semesters

***222. Basic Skills Laboratory** — This course will develop introductory healthcare psychomotor skills through laboratory practice. Application of selected skills may occur in the community setting. Laboratory, one 3-hour session per week and 3 hours of independent study/skills practice per week for a half semester. Prerequisites or corequisites include Biology 222 and admission to the nursing major. Open to non-nursing majors by permission of the chairperson.

One Credit Slot Both Semesters

***242. Advanced Skills Laboratory** — This course will develop advanced professional nursing psychomotor skills through laboratory practice. Laboratory, one 3-hour session per week and 3 hours of independent study/skills practice per week for a half semester. Prerequisites include admission to the nursing major and Nursing 222. Prerequisites or corequisites include Biology 222. *One Credit Slot Both Semesters*

***255. Health Assessment** — This course presents the process of health assessment for individuals, families, and communities. Physical, psychological, social, spiritual, and cultural assessment skills and techniques are developed, focusing on lifespan application. This course is a combination of theory and applied experiences in the laboratory and community. Theory, one hour per week; laboratory, three hours per week. Prerequisites or corequisites include Biology 221 and 222, KIN 307, PSY 100, SOC 101, Nursing 210, and admission to the nursing major. Open to non-nursing majors by permission of the chairperson. *Two Credits Voskuil Both Semesters*

***260. Pharmacology** — A study of drugs and their interactions with individuals across the lifespan. A focus will be placed on roles of the professional nurse and other health professionals in using a problem solving process in the promotion of optimal health. Prerequisites or corequisites include admission to the nursing major, Biology 195, 221, 222 and 231, Chemistry 103, and Nursing 210. Open to non-nursing majors by permission of the chairperson.

Three Credits Dykstra Spring Semester

295. Studies in Nursing — A special theory, seminar, or practicum course in a specific study in nursing. Pre-requisites include admission to the nursing major, Nursing 210, or permission of department chairperson. Other possible prerequisites depending on the study selected.

One to Four Credits Fall or Spring Semester; May, June, or July Term

***305. Family Health Nursing I Theory and Practicum** — This course provides an opportunity to apply concepts of evidence-based health care for families living in the community. Emphasis will be placed on assessment and diagnosis of a family's health. This course is a combination of theory and practicum experiences. Theory, 7 hours per semester; practicum, 21 hours per semester. Prerequisites include Nursing 210, 222, 242, 255, and 260. Prerequisites or corequisites include Nursing 310 and at least one other nursing theory and practicum course.

One Credit Dykstra, Voskuil Fall Semester

***310. Special Topics in Professional Nursing I** — This course will explore selected topics common within nursing practice. Prerequisites include Nursing 210, 222, 242, 255 and 260, and Kinesiology 307. Prerequisites or corequisites include Nursing 320. *Two Credits Walter Fall Semester*

***315. Family Health Nursing II Theory and Practicum** — This course provides an opportunity to apply concepts of evidence-based health care for families living in the community. Emphasis will be placed on health promotion, health education and

NURSING

disease prevention with community-based healthy families. A focus will be placed on developing partnerships with families for their health care. This course is a combination of theory and practicum experiences. Theory, 7 hours per semester; practicum, 21 hours per semester. Prerequisites include Nursing 305.

One Credit Dykstra, Voskuil Spring Semester

***320. Pathophysiology** — A study of the progression of physiologic dysfunction in disease processes across the lifespan. Etiology, predisposing/risk factors, pathogenesis and clinical manifestations will be discussed in relation to alterations in health. Prerequisites include admission to the nursing major, Biology 195, 221, 222 and 231, and Chemistry 103. Open to non-nursing majors by permission of the chairperson.

Four Credits Barton Fall Semester

***325. Psychiatric Mental Health Nursing Theory and Practicum** — This course provides an opportunity to apply concepts of evidence-based psychiatric nursing care. Emphasis will be placed on utilizing a variety of nursing roles in the provision of care to promote or restore optimal mental health. This course is a combination of theory and practicum experiences. Theory, two hours per week; practicum, twelve hours per week for a half semester. Prerequisites include admission to the nursing major and Nursing 210, 222 and 255, PSY 100 and 230, and SOC 101. Prerequisites or corequisites include Nursing 242 and 260.

Three Credits Walter Both Semesters

***335. Maternity and Women's Health Nursing Theory and Practicum** — This course provides an opportunity to apply concepts of evidence-based maternity and women's health nursing care for the woman from menarche through post-menopause. Emphasis will be placed on utilizing a variety of nursing roles in the provision of care to promote or restore optimal health in the childbearing family. This course is a combination of theory and practicum experiences. Theory, two hours per week; practicum, twelve hours per week for a half semester. Prerequisites include admission to the nursing major and Nursing 210 and 255; prerequisites or corequisites include Nursing 242 and 260.

Three Credits Barnum Both Semesters

***345. Pediatric Nursing Theory and Practicum** — This course provides an opportunity to apply concepts of evidence-based pediatric nursing care for the neonate through the adolescent. Emphasis will be placed on utilizing a variety of nursing roles in the provision of care to promote or restore optimal health. This course is a combination of theory and practicum experiences. Theory, two hours per week; practicum, twelve hours per week for a half semester. Prerequisites include Nursing 210, 222, 242, 255 and 260, and PSY 230. Prerequisites or corequisites include Nursing 310 and 320.

Three Credits Barton Both Semesters

***360. Special Topics in Professional Nursing II** — This course will explore additional selected topics common to nursing specialty practices. Prerequisites include Nursing 210, 255, 260 and 320.

Two Credits Walter Spring Semester

***365. Adult Nursing Theory and Practicum** — This course provides an opportunity to apply concepts of evidence-based adult nursing care. Emphasis will be placed on utilizing a variety of nursing roles in the provision of care to promote or restore optimal health. This course is a combination of theory and practicum experiences. Theory, two hours per week; practicum, twelve hours per week for a half semester. Prerequisites include Nursing 210, 222, 242, 255, 260, 310, 320 and 335. Prerequisites or corequisites include PSY 230.

Three Credits Garrett Both Semesters

***380. Nursing Research** — A study of the nursing research process, with a focus on its integral relationship to nursing theory and practice. The professional nursing

NURSING

roles in critically evaluating, utilizing, and participating in nursing research will be emphasized. Prerequisites include Math 210, Nursing 210, 222, 242, 255, 260, 310 and 320, PSY 230, SOC 101, and at least two nursing theory and practicum courses. A prerequisite or corequisite is Nursing 360. *Three Credits Dunn Spring Semester*

***385. Gerontological Nursing Theory and Practicum** — This course provides an opportunity to apply concepts of evidence-based gerontological nursing care. Emphasis will be placed on utilizing a variety of nursing roles in the provision of care to promote or restore optimal health. This course is a combination of theory and practicum experiences. Theory, two hours per week; practicum, twelve hours per week for a half semester. Prerequisites include Nursing 210, 222, 242, 255 and 260. Prerequisites or corequisites include Nursing 310 and 320, and PSY 230.

Three Credits Vincensi Both Semesters

***418. Nursing Research Practicum** — Practical experience with the nursing research process through collaborative participation in ongoing nursing research. Students will choose from a variety of health care research studies. Practicum, three hours per week. One credit required for nursing major. (Additional credits optional.) Prerequisites include Nursing 210 and 380, and at least two nursing theory and practicum courses.

One Credit Barnum, Dunn, Vincensi Both Semesters

***420. Community Health Nursing Theory and Practicum** — This course provides an opportunity to apply concepts of evidence-based and population-based community health care. An emphasis is placed on improving health of a community with a priority on health promotion, disease prevention, and health protection. This course is a combination of theory and practicum experiences. Theory, two hours per week; practicum, twelve hours per week for a half semester. Prerequisites include Nursing 210, 222, 242, 255, 260, 305, 310 and 335, and PSY 230. Prerequisites or corequisites include Nursing 315.

Three Credits Chaponniere Both Semesters

***480. Nursing Management and Transitions** — An in-depth examination of issues essential to nursing leadership and management roles and professional practice. An emphasis will be placed on integration of critical thinking skills and management skills necessary for providing evidence-based practice in a variety of health care settings. Prerequisites include all Nursing 200- and 300-level courses or permission of department chair.

Two Credits Clarey-Sanford Both Semesters

***486. Clinical Reasoning in Nursing** — A comprehensive examination of clinical reasoning in nursing. This course will provide a critical review of specialty content areas, with a focus on critical thinking skills. It will include in-depth preparation for the Nursing National Council Licensure Examination for Registered Nurses (NCLEX-RN). Students must reach a benchmark score on an NCLEX-RN practice exam or complete remediation work as part of this course. Prerequisites or corequisites include NURS 480 and 488.

Two Credits Clarey-Sanford Both Semesters

***488. Nursing Internship** — This internship, supervised by the Department of Nursing, is done in cooperation with a health care agency. Students will select an area of clinical interest to apply previously acquired knowledge and to develop competencies and skills necessary for the beginning roles of the professional nurse. This course will be composed of practicum experience for a seven-week period. The student will have approximately 24 hours per week of clinical experience while being mentored by a professional nurse. Students may have the option to have their nursing internship as a part of The Philadelphia Center or the Chicago Semester program. Prerequisite: Nursing 480. *Four Credits Clarey-Sanford, Scheerhorn Both Semesters*

NURSING

490. Independent Study in Nursing — This course provides an opportunity for in-depth study in an area of special interest in nursing. Prerequisites or corequisites include 200 and 300 level nursing courses or permission of department chairperson.

One to Four Credits Both Semesters

495. Advanced Studies in Nursing — A special theory, seminar, or practicum course in a specific advanced study in nursing. Prerequisites include 200 and 300 level nursing courses or permission of department chairperson. Other possible prerequisites depending on the study selected.

One to Four Credits Fall or Spring Semester; May, June, or July Term



Faculty: Mr. Dell'Olio, Chairperson; Mr. Allis, Mr. Jensen, Mr. La Porte, Mr. Mulder, Mr. Perovich*, Ms. Simon**.

'Philosophy' comes from two Greek words meaning 'love of wisdom.' This may still be the best short definition of philosophy. The trouble with it, of course, is that it expresses an ideal, and an ideal whose meaning is vague. What, after all, is 'wisdom;' and in what does wisdom consist? Is wisdom like knowledge? Science? Practical knowledge? Yes — and no. Perhaps the best way to describe this 'love of wisdom' would be to say that it is the desire to find out what is real and true, to try to understand, and to seek to live better lives as a consequence of this. But how shall this exploration proceed? What is it to 'understand'? And what's involved in a better life? These are themselves among the fundamental questions of philosophy. They lead us to issues in the theory of reality, the theory of knowledge, moral and political philosophy, and aesthetics.

Philosophy is a kind of "calling," a kind of "vocation." It is not primarily a career, a profession, a job. It is a calling to anyone who wishes to take life reflectively and thoughtfully, rather than just acting on prevailing assumptions, habits, and prejudices. This is not to say that in thinking philosophically we need to separate ourselves from worldly activities; rather it is to say that we have the opportunity to bring critical judgment to bear upon the practices of social, political, religious, scientific, artistic, and business life with a view toward reform and improvement. But philosophy is first of all an exploring and a deepening of one's own self.

MAJORS AND NON-MAJORS

Students can pursue their goals through a concentration in philosophy or through any number of combinations of courses short of a major. Others will want to make the history of philosophical thought and its special fields of inquiry the core around which their overall education is built and will become majors. Still others will want to combine a philosophy major with a major in some other field. Recent fields combined with philosophy in joint majors include:

- Art, Biology, Business, Chemistry, English, History, Mathematics, Political Science, Psychology, Religion, Social Work.

Hope College philosophy majors can be found

- doing graduate work in philosophy at major universities
- practicing pediatric medicine in Grand Rapids
- practicing law at Southeastern Michigan Poverty Law Center
- pursuing careers in medicine, law, business, and human services
- teaching philosophy in colleges
- being a hospital chaplain in Yuma, Arizona
- teaching in high schools
- serving as president of a theological seminary
- engaging in computer science research
- pastoring churches of various denominations
- serving as an executive of a major denomination

GENERAL REQUIREMENTS FOR THE MAJOR IN PHILOSOPHY

200 — Informal Logic (2 credits) or 201 — Formal Logic (4 credits)

450 — Capstone Seminar in Philosophy

*Sabbatical Leave, Academic Year 2008-09

**Sabbatical Leave, Fall Semester 2008

PHILOSOPHY

One course from List II, one from List III, and one from List IV (See course listings.) (12 credits)

At least one other elective (at least 4 credits)

Total Credits Required: 24 minimum in philosophy Note: Only one cross-listed course (4 credits) offered by another department may count toward the major.

GENERAL REQUIREMENTS FOR THE MINOR IN PHILOSOPHY

A minimum of 16 credits from Department of Philosophy courses, following these guidelines:

200 — Informal Logic, 201 — Logic, or Communication 160 — Analytic Skills in Communication

Three courses from among List II, List III, and List IV (See course listings.) (courses must be taken from at least two different Lists). (12 credits)

Total Credits Required: 16 minimum in philosophy Note: Only one cross-listed course (4 credits) offered by another department may count toward the minor.

MAJORS AND MINORS IN PHILOSOPHY can complement and enrich other areas of study in a way that makes good sense of a student's vocational perspective. Specific examples of courses which might appeal to students with particular interests include the following:

- 1. PRESEMINARY STUDENTS** 231. Medieval Philosophy; 232. Modern Philosophy; 235. Asian Philosophy; 280. Knowledge and Belief; 331. Philosophy of Religion; 340. History of Ethics; 344. Twentieth Century Ethics
- 2. PRELAW STUDENTS** 201. Logic; 341. Ancient and Medieval Political Thought; 342. Modern Political Thought; 343. Twentieth Century Political Thought; 344. Twentieth Century Ethics; 375. Philosophy of Law
- 3. PREMEDICAL STUDENTS** 331. Philosophy of Religion; 344. Twentieth Century Ethics; 360. Philosophy of Science
- 4. FUTURE EDUCATORS IN LITERATURE AND THE ARTS** 331. Philosophy of Religion; 373. Aesthetics; 380. Existentialism; 385. Postmodernism
- 5. FUTURE SOCIAL SCIENTISTS AND PSYCHOLOGISTS** 280. Knowledge and Belief; 325. Philosophy of Mind; 341. Ancient and Medieval Political Thought; 342. Modern Political Thought; 360. Philosophy of Science; 373. Twentieth Century Political Thought

NOTE: 200 and 300 level courses do not have any special prerequisites. All are welcome.

I. FUNDAMENTALS OF PHILOSOPHY

195. Topics in Philosophy — A half-semester course designed to introduce students to a selected significant topic and to applications of philosophical methods for critical reflection upon it. Recommended as a good introduction to philosophical thinking, but not required nor can it substitute for any of the courses on lists II, III, or IV for the major or minor. Past topics included "Sexual Ethics," "Animal Rights" and "Liberal Democracy and Islam." Future topics will be "Introduction to Philosophy through Film" and "Business Ethics." *Two Credits Staff Spring Semester 2009*

200. Informal Logic — An introduction to and examination of some of the basic forms of reasoning and argument we use in everyday life, and then an exploration of applications of these kinds of reasoning to current events and philosophical arguments. *Two Credits LaPorte Spring Semester 2009, Both Halves of Semester*

201. Logic — The study of the structure of reasoning. This course will introduce students to techniques for recognizing, formalizing, and evaluating the logical struc-

PHILOSOPHY

tures of arguments. Students will be taught symbolic languages, how to translate English arguments into those languages, and proof and testing procedures using the languages. This course will, along with introducing students to the rudiments of logic, explain how logic is employed in the articulation and solution of problems in various subdisciplines of philosophy. (Not recommended as an introduction to philosophy but, given its usefulness as a basis for many other courses, it should be taken early by philosophy majors and minors.) *Four Credits Jensen Fall Semester 2008*

II. KNOWLEDGE AND REALITY

280. Knowledge and Belief — “All men by nature desire to know,” says Aristotle in his *Metaphysics*. This famous quote raises numerous questions. What is knowledge? Why do we want it? How do we know when we have it? This course will examine these and related questions, such as “Can we be certain of anything?” “What are the sources of knowledge?” “Is scientific knowledge easier to attain than moral or religious knowledge?” Cross-listed with Religion.

Four Credits La Porte Fall Semester 2008

325. Philosophy of Mind — Philosophy of mind deals with very basic questions of who we are. What is the relation between our minds and our bodies in general and our brains in particular? What are the characteristics of the mind that make us (or seem to make us) unique? The course will explore such issues as dualism and materialism, the problems of sensation and of intentionality, computer models for the mind, the nature of human action, and freedom of the will. (Counts toward fulfillment of requirements for the neuroscience minor.) *Four Credits Perovich Alternate Years*

331. Philosophy of Religion — A study of the nature and theory of religion, including the following topics: the nature and existence of God; the concept of faith; the nature of religious experience and religious language; and the theory of religious pluralism. Cross-listed with Religion. *Four Credits Mulder Spring 2009*

360. Philosophy of Science — An examination of several philosophical issues raised by the physical and biological sciences, their history and the technological developments they generate. Topics include: what science is, whether its development is rational and progressive, how the meaning of scientific concepts is to be understood. *Four Credits LaPorte Alternate Years*

III. VALUES AND THE HUMAN CONDITION

241. Philosophies of India and Tibet — An introduction to the philosophical traditions of India and Tibet focusing primarily on the classical texts of these traditions — the *Vedas*, *Upanishads*, *Bhagavad-Gita*, and the Hindu and Buddhist *Sutras* — as well as the systems of thought they produced. Many of the ideas we will consider will have spiritual as well as philosophical significance. Issues to be explored include the nature of the divine, ultimate reality, the self, happiness, ethics, the just society, knowledge, and spiritual liberation. We will also consider more recent representatives of these traditions, such as Mohandas Gandhi of India and the contemporary political and spiritual leader of the Tibetan People, the Dalai Lama. Comparisons to Western philosophical and religious conceptions will be made where appropriate. *Four Credits Dell'Olio Fall Semester 2008*

242. Philosophies of China and Japan — An introduction to the philosophical traditions of China and Japan. While these philosophies continue to influence the world view of contemporary East Asia, we will be mostly concerned with the classical thought of these traditions. The philosophies to be considered include Confucianism, Neo-Confucianism, Taoism, Legalism, the Yin-Yang and Five Elements

PHILOSOPHY

School, and Chinese Buddhism, as well as Shinto and forms of Japanese Buddhism, including Zen Buddhism. Throughout the course, we will consider comparisons to Western philosophical and religious thought where appropriate.

Four Credits Dell'Olio Alternate Years

343. Twentieth Century Political Philosophy — The theory of the liberal democratic state in the 20th century. Attention to such central concepts as capitalism, socialism, communism, freedom, equality, justice. Readings from Lenin, Mussolini, Hayek, Rawls, Nozick, Habermas, against the background of Locke and Marx. Cross-listed with Political Science.

Four Credits Polet Alternate Years

344. Twentieth Century Ethics — An examination of three main types of ethical theories: duty-based theories, virtue-based theories, and consequence-based theories. Also includes a discussion of the nature and point of ethics, and an examination of what ethical theories have to say about particular ethical issues. Cross-listed with Religion.

Four Credits Simon Alternate Years

373. Aesthetics — An investigation of some of the philosophical issues raised by the arts: What is art? What is beauty? How is art to be understood, appreciated and evaluated? In what way can works of art be said to possess meaning or truth? What is the role for the arts in our lives? Both historical and contemporary views will be studied and an attempt will be made to explore how philosophical ideas apply to productions drawn from many different artistic fields.

Four Credits Simon Alternate Years

375. Philosophy of Law — What is law, and what gives law the obligatory force it has? In this course we will investigate such issues as the nature of law, the relation of law to morality, and problems with interpreting and applying the law, especially the Constitution. Cross-listed with Political Science.

Four Credits Allis Fall 2008

380. Existentialism — A study of selected works of Kierkegaard, Nietzsche, Heidegger and Sartre. Themes include: the question of being and human being; faith and reason; subjectivity and objectivity; freedom and responsibility; authenticity and autonomy; and human possibilities.

Four Credits Mulder Alternate Years

385. Postmodernism — Postmodernism has been characterized more as a “mood” than a set body of doctrine, a “constellation” of concerns that has arisen in the aftermath of World War II and the Holocaust. Postmodern concerns challenge central tenets of Enlightenment rationalism regarding the self, knowledge, language, logic, reality, and power. The “roots” of postmodern thinking in the work of Nietzsche, Freud, and Heidegger will be explored, along with such thinkers as Lyotard, Foucault, Derrida, Rorty, and Habermas and feminist challenges to Enlightenment rationality.

Four Credits Dell'Olio Spring 2009

IV. THE HISTORY OF PHILOSOPHY

230. Ancient Philosophy — Western philosophy from its beginning to the Middle Ages, including such figures as Socrates, Plato, Aristotle, Plotinus, and St. Augustine, through a study of primary texts. Partial fulfillment of the Cultural Heritage requirement.

Four Credits Staff Both Semesters

231. Medieval Philosophy — Western philosophy during the Middle Ages, focusing primarily on the development of Christian philosophy in such figures as Augustine, Boethius, Pseudo-Dionysius, Eriugena, Anselm, Abelard, Bonaventure, Aquinas, Duns Scotus, and William of Ockham. Representative Jewish and Islamic philosophers will also be studied. Topics to be discussed include the relationship between faith and reason, the nature and existence of God, the problem of evil, the immortality of the

PHILOSOPHY

soul, the nature of knowledge, the nature of happiness and virtue, and the journey of the soul to God. Cross-listed with Religion. *Four Credits Dell'Olio Alternate Years*

232. Modern Philosophy — An introduction to the developments in European philosophy from Descartes to Kant. Authors to be studied include Descartes, Spinoza, and Leibniz, Locke, Berkeley, and Hume, and Kant. Issues to be explored include knowledge and skepticism, appearance and reality, the existence of God, and the nature of the human mind. Partial fulfillment of the Cultural Heritage requirement.
Four Credits Staff Both Semesters

233. Nineteenth Century Philosophy — An introduction to the developments in European philosophy from German Idealism to Nietzsche. The course begins by examining the great Idealist systems of Fichte, Schelling, and Hegel, and their pessimistic counterpart in the philosophy of Schopenhauer, then turns to the very different critiques of the Hegelian synthesis offered by Kierkegaard and Marx, and concludes with a look at the challenge to philosophical systematizing offered by Nietzsche. Issues to be discussed include the relation of God to philosophy, including both the ability of philosophy to provide a philosophical system capable of capturing the divine nature and also the “death of God,” whether philosophy can discern the direction and purpose of history, and the significance of the individual.
Four Credits Perovich Alternate Years

340. History of Ethics — This course will examine some of the major philosophers of the Western tradition, including Plato, Aristotle, Aquinas, Hume, Kant, and Mill. The course will evaluate what they and others have said concerning the nature and content of ethics.
Four Credits Simon Alternate Years

341. Ancient and Medieval Political Thought — We will examine such thinkers as Plato, Aristotle, Cicero, Augustine, Aquinas, Hobbes, Descartes and Machiavelli on such issues as: human nature, the good life, the role of government, the relation between the individual and the government, the meaning of freedom, the need for social order. We will also investigate how modern political thought differs from ancient and medieval views. Cross-listed with Political Science.
Four Credits Allis Spring Semester 2009

342. Modern Political Thought — We will examine such thinkers as Machiavelli, Hobbes and Locke on the rise of modern democracy; the ideas surrounding the American and French Revolutions; and the challenges to liberal democracy put forward by Rousseau and Marx on such issues as: human nature, the good life, the role of government, the relation between the individual and the government, the meaning of freedom, the need for social order. We will also investigate how modern political thought differs from ancient and medieval views. Cross-listed with Political Science.
Four Credits Allis Alternate Years

V. SPECIAL STUDIES

295. Studies In Philosophy — A lecture or seminar class in a special topic of philosophy.
Two or Four Credits Staff

295. Feminist Visions of Justice *Four Credits Dickie Fall Semester 2008*

450. Capstone Seminar in Philosophy — A topical seminar dealing with significant thinkers, issues and approaches within philosophy. For philosophy majors, the seminar serves as a capstone course within the major. The topic of the seminar for Fall 2008 is “Human and Divine Freedom.” While the topics of the seminar vary, it is the goal of the course to provide appropriate opportunities for students to exercise the skills needed for reading philosophy and for thinking, writing and interacting with

PHILOSOPHY

others philosophically. Philosophy majors will complete their major portfolios as part of the required work for the course. Prerequisite: permission of the instructor.

Four Credits Mulder Fall Semester 2008

490. Independent Study — Prerequisite: departmental approval of a student-proposed project prior to enrollment in the course. Such a project might be an internship; but in any case it would include a significant piece of philosophic writing. (See also under General Academic Regulations, statement about Honors Independent Study or Research.) A student intending to enroll in 490 should *plan ahead* to study with the professor whose expertise and interests most clearly correspond to the student's interests and intentions. *Two, Three or Four Credits Staff Both Semesters*

495. Topical Seminars — Seminars in topics not ordinarily offered in the department curriculum, focusing upon philosophic writing and the critique of papers in class. Prerequisite: permission of the instructor. *Four Credits Staff When Feasible*



Faculty: Ms. Mader, Chairperson; Mr. DeYoung, Mr. Gonthier*, Ms. Hampton, Mr. Remillard.

The Department of Physics offers several majors. The course structure allows students to tailor their programs to their main interests. Opportunities for research participation are available to all students at all class levels during both the academic year and the summer. Students are presently engaged in:

- nuclear physics experiments on the Hope accelerator
- theoretical astrophysics investigations
- theoretical nuclear physics investigations
- heavy ion physics experiments at national laboratories
- surface analysis using alpha particle beams from the Hope accelerator
- chemical analysis using proton beams from the Hope accelerator
- superconductivity
- microwave science
- electrochemistry
- nanoscale science

Laboratories provide students with opportunities to test fundamental concepts and apply theory in practical applications. In addition, research programs and internships enable students to work along side faculty members and working professionals. In the department, the primary physics research laboratories are: a 1.7 million volt Van de Graaff pelletron tandem accelerator, a nuclear physics laboratory, a superconductivity/microwave laboratory, and an electrochemistry/nanoscale laboratory. There is extensive computer support. Students and faculty are also involved in research programs at national laboratories and NASA Goddard Space Flight Center. Students are strongly encouraged, as early as possible, to become involved in one of the research programs of the faculty members. Summer stipends for such activity are often available.

MAJOR PROGRAMS

The department offers several majors designed to meet a variety of students' needs. Students with a possible interest in engineering should also see that section.

PHYSICS

Program for students interested in post-graduate professional work in physics, astronomy, medicine, biophysics, chemical physics, materials physics, radiation physics, environmental physics, medical physics:

Bachelor of Arts Degree — A minimum of 27 credits from physics courses numbered 121 and higher including 8 credits from courses numbered 340 or higher. Courses required are 121 and 122, 141, 142, 270, 280, 281, and 382. Also two semesters of PHYS 080 (Seminar) are required. The mathematics requirement is MATH 232. An additional laboratory course, designated for science majors, in chemistry, biology, or geology is required. Computer programming competence is expected by the beginning of the junior year. This requirement may be satisfied by CSCI 160 (preferred), 225 or 283, or by demonstrating programming competence on a problem chosen by the department.

Bachelor of Science Degree — A minimum of 36 credits in physics including 121 and 122, 141, 142, 270, 280, 281, and two semesters of 382. In addition, three courses selected from PHYS 342, 361, 362, 372, and 380 are required. Two semesters of PHYS 080 (Seminar) are required. In addition, 24 credits of courses in mathemat-

*Sabbatical Leave, Fall Semester 2008

PHYSICS

ics, computer science, and science are required, including MATH 232 and a laboratory science course, designated for science majors, in chemistry, biology, or geology. Computer programming competence is expected by the beginning of the junior year. This requirement may be satisfied by CSCI 160, 225, 241, or by demonstrating competence on a problem chosen by the department. For those planning graduate work, MATH 334, 361 or 370, and other physics courses, engineering courses (especially 345), and research are recommended.

Honors Designation: In order to encourage students to go beyond the minimum requirements for graduation, students completing additional requirements will have an Honors Designation added to their transcripts. Students must fulfill the requirements for a B.S. in physics, and take an additional 6 credits of physics. Physics 342, 361, 362, and 372 must all be taken. In addition, one summer and two semesters (for one credit each term) of research work must be done with a Hope faculty member, and the research work must be documented in written form and submitted to the *Journal of Undergraduate Research* or another appropriate peer-reviewed journal. An additional semester of a laboratory based science majors course outside of physics is required, and a mathematics course beyond the required calculus sequence is required. The minimum GPA in physics courses is 3.6.

ENGINEERING PHYSICS

Students wishing to combine elements of physics and engineering in their major should consider the Bachelor of Science in Engineering Physics. This major (minimum of 36 credits) combines elements from both areas and is designed in consultation with the chairperson and requires prior approval from the department.

DUAL MAJORS

In case of a dual major, the physics courses required are those listed above. The additional mathematics and science requirements shall be established by agreement between the student and the department. Recent dual majors have included physics-mathematics, physics-computer science, physics-geology, physics-chemistry, and physics-philosophy.

STUDENTS PREPARING FOR SECONDARY EDUCATION

A Bachelor of Arts degree with a major in physics will require 30 credits (certification requirement) in physics and completion of the education requirements. A listing of the requirements can be found on the education Web site. Students interested in teaching physics at the secondary level should begin working with the Department of Education as early as possible.

PHYSICS MINOR

A minor in physics consists of 20 credits. Physics 121, 122, 141, 142, 270, and at least one 300-level course are required. The remaining courses are to be chosen by the student in consultation with the department chairperson. The exact courses will depend upon the intended major program of the student. Approval of the courses by the department chairperson is required.

ENGINEERING

The fields of physics and engineering are closely related. Similar principles and science concepts are found in both. One is more focused on application and one tends more to the abstract. Students unsure of their specific career goals are encouraged to read about the engineering program elsewhere in this catalog.

PHYSICS

HEALTH PROFESSIONS — Medicine, Dentistry, Physical Therapy, Veterinary Medicine

Students considering one of the health professions may enroll either in Physics 105, 106, 107, 108, or Physics 121, 122, 141, 142. Consultation with your advisor about the appropriate course is strongly advised. Students who may pursue graduate work in the sciences should take Physics 121, 122, 141, 142.

PREREQUISITE POLICY

Many courses in the department have prerequisites listed. A grade of C- or better is required in these prerequisite courses. If this is not the case, then it is the view of the department that the prerequisite has not been fulfilled and the course may not be taken without written permission of the instructor and the department chairperson.

SCIENCE MAJOR ORIENTED COURSES

080. Seminar — All students interested in physics and engineering are encouraged to attend departmental seminars. Registered students are required to attend at least 80 percent of the seminars presented. The purpose of the seminars is twofold. One is the presentation of fields of current interest and questions of concern for researchers so that students can learn the content of and approaches to research. The other is to provide students contemplating further study at the graduate level with opportunities to discuss with speakers the programs at their institutions. In this manner, students can make better informed decisions on the course of their further education. Prerequisite for registration: junior standing. *Zero Credits Both Semesters*

105. College Physics I — This is an algebra-based course which provides a rigorous examination of the following physical phenomena and systems: 1) mechanics (forces, kinematics of motion, conservation of energy and momentum, collisions, and rotational systems), 2) oscillating systems and springs and 3) selected topics from molecular physics and heat (physics of solids and fluids, thermal physics and thermodynamics). Corequisite: Physics 107. Prerequisite: Mathematics 123 (A Study of Functions) or the equivalent. *Three Credits Remillard Fall Semester*

106. College Physics II — A continuation of College Physics I, Physics 105. This course is algebra-based with an accompanying laboratory. It provides a rigorous examination of the following physical phenomena and systems: 1) electricity and magnetism, 2) geometric optics, 3) physical optics and waves and 4) atomic and nuclear physics. Corequisite: Physics 108. Prerequisites: Physics 105 and Mathematics 123 (A Study of Functions) or the equivalent. *Three Credits Remillard Spring Semester*

107. College Physics Laboratory I — The laboratory is designed to accompany Physics 105. Basic laboratory skills are developed. Students use modern instrumentation methods to explore and analyze scientific measurements. This laboratory is a great introduction to the use of computers in the collection and analysis of data. Students will be able to study quantitatively, and in detail, many of the mechanical systems which are presented in Physics 105. Corequisite: Physics 105. *One Credit Mader Fall Semester*

108. College Physics Laboratory II — A continuation of Physics 107, College Physics Laboratory I. The laboratory accompanies Physics 106. The topics of electricity and magnetism, electrical circuits, optics, radiation and quantum effects are explored. Physical phenomena are studied and measured at a more advanced level, including techniques currently employed in modern physics. A major goal of the

PHYSICS

course is to develop skills in the measurement of physical phenomena. Corequisite: Physics 106. Prerequisite: Physics 107. *One Credit Mader Spring Semester*

111. Introduction to Physics — This course is an introduction to the field and practice of physics for those intending or considering a major in physics. It focuses on the topic of spectroscopy in atomic spectra, stellar astrophysics, molecular spectroscopy, and proton induced x-ray emission. Students will also learn laboratory skills, writing skills, problem-solving skills, and presentation skills. Prerequisite: concurrent enrollment in Mathematics 131 or 125, or permission of the instructor.

Two Credits Mader Fall Semester

112. Introduction to Modern Physics — This course is an introduction to modern physics for the student who enters Hope College with advanced placement but weaknesses in the area of modern physics. The material covered includes interference and diffraction, wave nature of light, particle nature of light, wave nature of matter, introduction to quantum mechanics, and atomic and nuclear structure. Prerequisites: Advanced Placement credit for Physics 122 and concurrent enrollment in Mathematics 132.

Two Credits DeYoung Fall Semester

121. General Physics I — The course is calculus-based and designed for students desiring professional science careers. It provides a rigorous examination of the following physical phenomena and systems: forces, conservation of momentum, energy (kinetic, potential, chemical, and thermal), fields, thermodynamics, and statistical mechanics. Corequisite: Physics 141. Mathematics 131 (Calculus I) or 126 must accompany or precede.

Three Credits DeYoung, Hampton Spring Semester

122. General Physics II — A continuation of General Physics I, Physics 121. The course is calculus-based with an accompanying laboratory. It is designed for students desiring professional careers in science. The course provides a rigorous introduction to the following topics: 1) electricity and magnetism, 2) geometric optics, 3) physical optics and waves, 4) atomic and nuclear physics. Corequisite: Physics 142. Prerequisite: Physics 121 (permission of instructor required if Physics 121 grade is below C-). Mathematics 132 must accompany or precede this course.

Three Credits DeYoung, Hampton Fall Semester

141. Physics Laboratory I — The laboratory is designed to accompany Physics 121. Basic laboratory skills are developed. The use of modern instrumentation in physical measurements is explored. Students gain experience in using computers to analyze scientific measurements. Topics covered include forces, conservation of momentum, conservation of energy, oscillation systems, and rotational motion. Corequisite: Physics 121.

One Credit DeYoung Spring Semester

142. Physics Laboratory II — A continuation of Physics 141, Physics Laboratory I. The laboratory accompanies Physics 122. Physical phenomena are studied and measured on a more advanced level. Topics in electrostatics, radioactivity, modern physics, optics, electricity and magnetism, resonance, and electrical circuits are explored. A major goal of the course is to develop skills in the measurements of physical phenomena. Corequisite: Physics 122.

One Credit DeYoung Fall Semester

241. Electronics I — An introduction to digital and analog electronics. This course is cross listed as ENGS 241. A full description may be found there.

242. Electronics II — Advanced applications of analog and digital electronics. This course is cross listed as ENGS 242. A full description may be found there.

270. Modern Physics — A first course in the quantum physics of atoms, molecules, solids, nuclei, and particles. Topics include special relativity, the structure of the nucleus, the Schrodinger wave equation, one electron atoms, angular momentum,

PHYSICS

spectra, transition rates, and quantum statistics. Applications to atoms, molecules, nuclei, conductors, semiconductors, superconductors, and elementary particles will be discussed. Experiments as well as theory will be examined. Prerequisites: Physics 122 and Mathematics 132, or permission of instructor.

Four Credits Mader Spring Semester

280. Introduction to Mathematical Physics and Engineering — Mathematical methods applicable to physical systems are studied. These include effective use of MAPLE, modeling with ordinary differential equations, vector calculus, Fourier Analysis, and common differential equations. Special attention is given to physical examples from multiple areas to show the generality of the techniques. Corequisite: Mathematics 232.

Two Credits DeYoung Spring Semester

281. Intermediate Laboratory — This course focuses on developing experimental skills. These include experiment planning, research, analysis, error propagation, writing, and presenting. A series of short exercises are done first to develop the background in these areas and then experiments are done where these skills must be correctly applied. Typical laboratory experiments will include the Cavendish experiment, index of refraction of a gas with an interferometer, and determining the ellipticity of a large outdoor courtyard. Prerequisite: Physics 270.

Two Credits Remillard Fall Semester

290. Independent Studies — With departmental approval freshmen or sophomores may engage in independent studies at a level appropriate to their ability and class standing, in order to enhance their understanding of physics. Students may enroll each semester. Permission of the instructor is required.

One or Two Credits Mader Both Semesters

295. Studies in Physics — A lecture and/or laboratory course in a physics area of current interest.

Two to Four Credits Mader Both Semesters

342. Electricity and Magnetism — A course in classical electromagnetism with the development and application of Maxwell's equations as the central focus. Topics include electromagnetic fields, boundary value problems, dielectric and magnetic materials, radiation, and energy and momentum of the electromagnetic field. Prerequisites: Physics 280 and Mathematics 232.

Four Credits Remillard Spring Semester

352. Optics — Topics covered concern both geometrical and physical optics. The approach involves matrix formulation, computer formulation, Fourier analysis as it relates to Fresnel and Fraunhofer diffraction, interference, polarization matrices and holography. The relevance of these topics to modern day optical information processing and physical devices is considered. Prerequisite: Physics 280. Alternate years.

Three Credits DeYoung Spring Semester, Even Years

361. Analytical Mechanics — This course covers Newtonian mechanics, linear and nonlinear oscillations, calculus of variations, Lagrangian and Hamiltonian dynamics, and motion in noninertial frames of reference. The course builds upon the topics covered in general physics and makes extensive use of the methods learned in Introduction to Mathematical Physics. The course acquaints students with mathematical and computer techniques in solving complex problems. These more formal methods empower students with skills necessary to make the transition from introductory to advanced physics and engineering. Prerequisites: Physics 280, Mathematics 232 and programming competence.

Four Credits Hampton Fall Semester

362. States of Matter — The prominent states of matter are examined from classical and quantum mechanical points of view. An overview of thermodynamics and statistical mechanics is given. Effects of Bose-Einstein and Fermi-Dirac statistics

PHYSICS

are detailed for gases, liquids and solids. Slightly degenerate perfect gases, electrons in metals and Bose-condensation, viewed as a first order phase transition, are discussed. Applications are made to such systems as plasmas, semiconductors, white dwarfs, and neutron stars. Special emphasis is given to superfluids, superconductors, and the Josephson effect. Alternate years. Corequisite: Physics 280. Prerequisites: Physics 270 and Mathematics 232.

Four Credits Gonthier Spring Semester, Odd Years

372. Quantum Theory — A detailed study of the mathematical and physical foundations of quantum mechanics. Topics include the Schrodinger wave equation, one-dimensional potentials, operator methods in quantum mechanics, the Heisenberg representation of operators, the three-dimensional Schrodinger equation, angular momentum, the hydrogen and helium atoms, matrix methods in quantum mechanics, time independent and time dependent perturbation theory, radiation of atoms, and scattering theory. Prerequisites: Physics 270, 280 and Mathematics 232. Alternate years.

Four Credits Gonthier Fall Semester, Odd Years

380. Mathematical Physics and Engineering II — This is a continuation of Physics 280, Introduction to Mathematical Methods in Physics and Engineering. Additional mathematical methods, primarily for physics, are considered, including complex analysis, numerical methods, probability and statistics, additional special functions, and more partial differential equations. Prerequisite: Physics 280.

Two Credits DeYoung Fall Semester

382. Advanced Laboratory — This laboratory builds on the skills learned in Physics 280 and combines experiments from both classical and modern physics. Extensive use of the computer is made in the analysis of data from experiments. Detailed error analysis of each experiment is required. In any given semester the selected topics are drawn from experiments such as gamma detection, Millikan oil drop, alpha spectroscopy, accelerator operation, Cavendish, Rutherford scattering, and neutron activation. Two hours of lecture and seven hours of laboratory. Required for physics majors and may be taken more than once for credit. Prerequisites: Physics 270 and 281, and Mathematics 232.

Two Credits Gonthier Spring Semester

490. Research — With departmental approval juniors or seniors may engage in independent studies at a level appropriate to their ability and class standing, in order to enhance their understanding of physics. Students may enroll in each semester.

One or Two Credits Remillard Both Semesters

495. Advanced Studies in Physics — A lecture or seminar in an area of special interest or experience. Department chairperson's approval required.

Three or Four Credits Mader Spring Semester



Faculty: Mr. Polet, Chairperson; Ms. Beard, Mr. Bultman, Ms. Dandavati, Mr. Holmes, Ms. Johnson, Mr. Roberts, Mr. Ryden*, Mr. Toppen. **Assisting Faculty:** Mr. Allis, Mr. Bultman, Mr. Pockock, Ms. Vandervelde.

The academic program of the Department of Political Science seeks to provide students with a systematic understanding of government, political behavior and political institutions at the local, state, national, and global levels. To accomplish these goals, students majoring in political science take coursework across the primary fields of political science - Political Theory, Comparative Government, American Politics, and International Relations. In addition to in-class instruction, the department seeks to provide students with rich opportunities for hands-on and experiential encounters with political processes in the United States and abroad. For example, the Washington, D.C., Honors Semester Program is an interdisciplinary program that enables students to intern in the nation's capitol and allows them to meet and interact with key political and governmental officials. Other Hope students intern or work in governmental and political offices in Holland, Grand Rapids, or Lansing.

The political science major provides a broad-based training for those who might wish to work in government or the private sector, pursue careers in law, teach political science, or do graduate work in political science. Political science students who supplement their study with appropriate electives in other disciplines may also be equipped for eventual careers in journalism, public relations, industry, small business, personnel administration, and many more. Hope College political science majors have taken part in such varied activities as:

- directing the campus radio station
- organizing Michigan's largest Model United Nations
- meeting with prominent campus visitors such as Jennifer Granholm, George H. W. Bush, Gerald Ford, Elizabeth Dole, Terri Lynn Land, John Engler, John McCain and Robert Kennedy Jr.
- organizing a "get-out-to-vote" campaign among college students
- serving as youth chairpersons of county, congressional district, and state political party committees
- managing political campaigns

Graduates of the Department of Political Science have enjoyed such satisfying careers as:

- members of the Michigan House of Representatives and the U.S. House of Representatives
- assistant Presidential Press Secretary
- professor of International Relations at a major American university
- senior partner in a nationally prominent law firm
- juvenile rehabilitation officer
- budget analyst for a metropolitan transit system
- campaign management specialist with his own consulting firm
- Deputy Assistant Secretary of the U.S. Department of State
- assistant to the Mayor of Washington, D.C.
- executive director of state and congressional district party organizations
- state and national legislative staff person
- city manager
- pastor in the Reformed Church in America
- Michigan Secretary of State

*Sabbatical Leave, Fall Semester 2008

POLITICAL SCIENCE

SOCIAL SCIENCE REQUIREMENT: Students who are interested in fulfilling the college social science requirements have the option of taking Political Science 100, 110, or 151.

GENERAL PROGRAM FOR MAJORS (for students enrolling at Hope in the fall of the 2007-08 academic year or later): The program for political science majors, consisting of not fewer than 32 classroom credits in the department, is designed to provide broad-based training for those who might wish to work in government or the private sector, pursue careers in law, teach political science, or do graduate work in political science. To assure a good balance of course work, majors are required to complete POL 100, 151, 242, 251, and at least one elective course (4 credits) in each of the following: Political Theory, American Government, and Comparative Politics. In addition to the classroom coursework requirements, each major must also complete a 4-hour experiential/internship course. Finally each major must, during her or his senior year, complete the Capstone Seminar.

GENERAL PROGRAM FOR MAJORS (for students enrolling at Hope prior to the beginning of the 2007-08 academic year): The program for majors consists of a minimum of 28 credits in the department. Majors are required to complete either POL 100 or 110, 242, 251, at least 4 credits of advanced American Government, 4 credits either of advanced International Relations or Political Theory, and 4 credits of Comparative Government. Finally each major must, during her or his senior year, complete the Capstone Seminar.

SUB-FIELD CONCENTRATION: In addition to completing the requirements of the general program, political science majors have the opportunity to obtain a specialization or concentration in a particular area or sub-field of political science. Students may receive a designation of their concentration by taking a minimum of 12 hours of course study within one of the following areas: American Politics, Comparative Politics, International Relations, Legal Studies, and Political Theory. Students interested in pursuing a concentration in a sub-field are encouraged to work in consultation with the appropriate professor within the department.

MINOR IN POLITICAL SCIENCE: A minor consists of a minimum of 16 credits selected as follows: POL 100 or 110, 242 (or other approved research methods course), 251 and one to two advanced courses to reach the 16-credit requirement. For a teaching minor, students should select one or two additional courses from the foreign and domestic courses described below.

100. Introduction to American Political Institutions and Lab — This course provides an introduction to American political institutions. Topics surveyed include the U.S. Constitution, parties and elections, Congress and the Presidency, the impact of interest groups and the media, and public policy debates on such issues as U.S. foreign policy, social issues, economic policy, and more. A one-hour lab is required for this course, the content of which varies depending on the instructor. Labs include the use of simulations (moot courts/mock senates), the utilization of the Web as a potential source of information about politics and/or public policy issues, and more. Special labs featuring campaign internship opportunities are offered for interested students in the fall of election years.

Four Credits Polet, Roberts, Staff Both Semesters

110. Topics in Political Science — This eight-week course is offered to fulfill the General Education Social Science II requirement. It provides a brief introduction to

POLITICAL SCIENCE

contemporary political issues, debates, and challenges facing America, other nation-states, and international political institutions in the making of public policy. Themes and course activities will vary depending on the instructor.

Two Credits Staff Both Semesters

151. Introduction to Global Studies — This is an introductory survey course in the study of Global Politics. It will focus on the twin themes of Globalization and Democratization. While critically examining these dominant phenomenon, students will examine the roles of security for governmental and non-governmental actors, human rights, the environment, ethnic conflict, role of religion in politics and culture, international political economy, and movements for change.

Four Credits Dandavati, Beard Both Semesters

160. Global Feminisms — The purpose of this course is to examine the politics of women's location in various parts of the world. It will examine women both in emerging and developing countries. We will look at many different perspectives and viewpoints that determine women's status in society today. Students will become familiar with various/alternative views of women specifically in the third world.

Four Credits Dandavati Both Semesters

201. Political Geography — This course presents both the basics of world geography and American and third world geo-political interests while keeping students abreast of current events in different regions of the world. A three- or four-hour project is available to political science and education majors.

Four Credits Bultman Both Semesters

212. Parties, Interest Groups & Elections — This course involves a study of the organization and functions of contemporary political institutions such as parties and interest groups, as well as the nominating and electoral processes. Special attention is given to the presidential selection process.

Four Credits Roberts Fall Semester

221. State and Local Government — The course examines the major constraints on state and local governments in making public policy, examines the institutions of state and local government, analyzes several public policy areas, and studies municipal and metropolitan governments. Students who are interested in pursuing careers in state and local government should also take Political Science 235 (Public Administration) and Political Science 391 (Internship in local government or state government).

Four Credits Staff Spring Semester

235. Public Administration and Policy — This course is an introduction to the underlying principles of government management at the federal, state, and local levels. Students who are interested in careers in government should also take Political Science 294 (Government in Washington) or 391 (Internship in Local or State Government) or a Washington Honors Semester internship (392-01, 392-02, 393-01, 393-02).

Four Credits Beard Fall Semester

237. The Judicial Process — This course examines the fundamentals of the American judicial process, with an emphasis on courts as political institutions and on the political forces which shape and determine judicial behavior and legal outcomes. Special attention is devoted to the criminal justice and civil litigation systems, and the role of the Supreme Court in American life.

Four Credits Roberts Spring Semester

242. Scope and Methods — This introductory course deals with research methods and approaches to the study of politics which teach the basic skills needed for political science research. These include library research, approaches to political science, and computer usage. This course aims to insure that students have a basic core of skills related to their major.

Four Credits Toppen Both Semesters

POLITICAL SCIENCE

251. International Relations — This course is an introduction to, and an examination of, the major problems confronting the peoples and nations of the modern world. Units include modernization, ideologies, military power management, diplomatic games, and international law and organization. Material on the international political economy also is covered. *Four Credits Dandavati, Holmes Both Semesters*

262. Latin American Politics — The purpose of this course is to familiarize the student with the politics and culture of Latin America and in the process provide a base of knowledge from which analyses and comparisons can be made. The course is essentially comparative in orientation. The primary focus is on understanding problems of economic and political development and studying institutions such as the state, the military, and the Church in order to provide a basis for identifying similarities and appreciating differences within Latin America itself. We will build on these broader issues by focusing on the political, socio-economic and cultural realities of particular countries in the region. We will also evaluate alternative frameworks for social, political and economic change, and democracy within the continent as a whole and individual countries in particular. *Four Credits Dandavati Spring Semester*

272. Law and Society — This course will explore the intersection of law with American politics and society, how law influences society and how society influences the law. We will consider definitions and concepts of law, the ways people understand and perceive law and the legal system, and how they interact with it and are impacted by it. We will look at legal structures, practices, and institutions, as well as legal actors — judges, the legal profession, the political class, and others. The ultimate goal is to better understand just what is responsible for the unique American legal culture. *Four Credits Ryden Every Other Year*

295. African Politics — This course will examine African politics in general and South African politics in particular. We will study the political history of southern Africa, colonialism, and apartheid, as well as South African government, political institutions, foreign policy, and contemporary politics. South Africa's most pressing problems and challenges, such as the AIDS pandemic, economic inequality, race relations, land redistribution, healthcare, brain drain, environmental degradation, and immigration, will also be explored. *Four Credits Beard Once a Year*

295. Global Poverty — About half of the world's six billion people live in poverty (defined as \$2/day or less). This course will focus on the politics of global poverty--at the local, national, and global levels--while also considering the economic, religious, environmental, and other dimensions of what is arguably the single most compelling issue facing humanity in the 21st century. Among other things, we will explore the impacts on poverty of corrupt government, free trade deals, the status of women, debt relief, AIDS, food aid, federal government policies, the IMF and World Bank, ethnic conflict, multi-national corporations, the UN, and human rights. *Four Credits Toppen Once a Year*

295. The Practice of Law & Legal Advocacy — The U.S. is a nation of lawyers, with the highest ratio of lawyers per capita of any country. Little of significance happens without lawyers having a hand in it. This course introduces students to the realities of the legal profession and its role in American society. In addition to interacting with panels of lawyers from a variety of backgrounds, students also will engage in the art of legal advocacy through participation in a moot court simulation, presentations on contemporary legal controversies, and short writing projects. *Four Credits Ryden Every Other Year*

301. Religion and Politics — This course offers a survey of key issues arising at the intersection of religion and politics. The first part of the course will survey the

POLITICAL SCIENCE

variety of Christian responses to engaging the political order, with special attention paid to the American context. The second part of the course will examine the interplay between Christianity and policy alternatives, paying close attention to the behavior of political and social groups. Finally, the course will examine the increase of religious pluralism and its effect on American politics and jurisprudence.

Four Credits Polet, Ryden Every Other Year

303. Asian Politics — This course will focus on the economic, political, social, and cultural processes in Asia with a particular emphasis on China, India, and Japan. The students will become familiar with the interplay between these dominant Asian economies and the U.S. Issues of security, foreign policy, and globalization and its impacts will be discussed.

Four Credits Dandavati Fall Semester

310. Environmental Public Policy — This course is an introductory analysis of the economic, scientific, and political factors involved in environmental public policy. American environmental management will be viewed in terms of the interplay among economic efficiency, scientific feasibility, and the demands of the political process. Topics covered will include federal lands, intergovernmental relations, agency law, comparative institutions, U.S. environmental regulations, and technological compliance. This course is team taught by faculty from the Departments of Economics, Geological and Environmental Sciences, and Political Science so that students are exposed to the interdisciplinary nature of environmental public policy issues. Prerequisites: Economics 211 or Political Science 100 and the fulfillment of the college's general education science requirement. Four hours of lecture per week.

Four Credits Holmes, Lunn, Peterson Spring Semester

332. Congress and the President — This course examines the organization and operations of Congress and the role of executive and administrative agencies in the process of law making. Subjects such as the functions of Congress and the President, reapportionment and redistricting, nominations and elections, the role of political parties and lobbyists, congressional committees, the law-making process, war powers, treaties and executive agreements, congressional investigations, budgets and appropriations, and ethics in government will be studied. Major issues before Congress and the President will be explored in some detail.

Four Credits Roberts Spring Semester

339. American Constitutional Law — This course is a topical and developmental survey of the principles of the U.S. Constitution. The primary focus of the course is on the development of civil rights and liberties jurisprudence--religion, speech, press, due process and privacy rights, equal protection under the law, rights of the accused and more. The course also examines structural questions of constitutionalism--separation of powers, assertions of executive authority, limits on federal power, federalism—with a particular focus on contemporary controversies and applications.

Four Credits Not offered 2008-2009

340. Women and The Law — This course will examine the various legal constraints and legal rights women experience in their daily lives. Law is viewed as a dynamic entity open to debate and change. Legal issues to be discussed include: affirmative action, divorce, rape, comparable worth, abortion, fetal rights, sexual harassment, surrogate motherhood, prostitution, and pornography. Cross-listed with Women's Studies. Prerequisite: one semester of college work.

Four Credits Vandervelde Fall Semester

341. Ancient and Medieval Political Thought — We will examine such thinkers as Plato, Aristotle, Cicero, Augustine, Aquinas, Luther, Descartes and Machiavelli on

POLITICAL SCIENCE

such issues as: human nature, the good life, the role of government, the relation between the individual and the government, the meaning of freedom, and the need for social order. We will also investigate how modern political thought differs from ancient and medieval views. Cross-listed with Philosophy.

Four Credits Allis, Polet Once Every Two Years

342. Modern Political Thought — We will examine such thinkers as Hobbes, Locke, Burke, Bentham, Mill, Spencer, Rousseau, Hegel and Marx on such issues as: human nature, the good life, the role of government, the relation between the individual and the government, the meaning of freedom, and the need for social order. We will also investigate how modern political thought differs from ancient and medieval views. Cross-listed with Philosophy.

Four Credits Polet, Allis Once Every Two Years

343. 20th Century Political Philosophy — The theory of the liberal democratic state in the 20th century will be studied. Attention will be given to such central concepts as capitalism, socialism, communism, freedom, equality, and justice. Readings are from Lenin, Mussolini, Hayek, Rawls, Nozick, and Habermas, against the background of Locke and Marx. Cross-listed with Philosophy.

Four Credits Polet, Allis Once Every Two Years

346. American Political and Social Thought — This course is an introduction to political thought in America. It will include 1) a review of the antecedent and origins of American political thought, 2) a tracing of the history and development of political thought in this country, 3) a survey of the imported political theories which have surfaced in the course of that historical development, and 4) a careful examination of the variety of political ideologies present in contemporary American political thought, and the outlook for the future. Open to qualified sophomores.

Four Credits Allis, Polet Once Every Two Years

349. Contemporary Topics in Political Thought — An exploration of more specialized subjects in political thought. Possible topics include: Abraham Lincoln and U.S. Constitutionalism, Shakespeare's Politics, Capitalism and Socialism, Just War Theory and Pacifism, Catholic and Protestant Political Thought, Liberal Democracy, and Islam. Within the context of these topics, we will consider the fundamental questions about human nature, justice and equality, liberty and oppression, and freedom and authority that make up the perennial concerns of political thought.

Four Credits Allis, Polet Once a Year

351. International Law, Organization, and Systems — This course examines the formal and informal organizational structure of the international community, as well as international legal norms, customs, and practices. Contemporary international systems and organizations are studied as part of an extensive Model United Nations simulation. A lab culminating in a Model United Nations is completed before spring break. Prerequisite: permission of instructor.

Four Credits Holmes, Staff Spring Semester

352. Global Political Economy — An exploration of the impact of development and economic globalization after World War II. Students will be introduced to the role of transnational and multinational corporations, as well as international financial institutions, such as the World Bank and International Monetary Fund. The course will examine the importance of economic integration and regionalism. It will also explore topics including international trade and its impact, and the role of the World Trade Organization. Prerequisite: POL 151 or approval of the instructor.

Four Credits Staff Once Every Two Years

POLITICAL SCIENCE

365. Wilderness Politics — Wilderness politics is a case examination of the American political system through a detailed field study of the wilderness issue. The three-week course is held in Colorado each summer with one week devoted to group interviewing on the subject, one week to a field trip, and a final week to a term project which can be done in a location of the student's choice. Special emphasis is placed on the interaction of local, state, and national governments in addressing one of the most controversial issues in the Western United States. Open to qualified sophomores, juniors, and seniors. *Three to Four Credits Holmes Summer Term*

375. Philosophy of Law — What is law, and what gives law the obligatory force it has? In this course we will investigate such issues as the nature of law, the relation of law to morality, and problems with interpreting and applying the law, especially the Constitution. Cross-listed with Philosophy. *Four Credits Allis Once Every Two Years*

378. American Foreign Policy — American foreign policy is examined in global terms with emphasis on alternative political moods of the public, processes by which policy is formulated and executed, its current substance, and challenges of international politics. Open to qualified sophomores.

Four Credits Holmes Spring Semester

391. Internship Program — A variety of internship programs are available through the Department of Political Science. Field experiences at the local, state, or national government level or with an attorney or a political party organization are possible. A one-hour campaign internship is also available during every national election year. The student will work in the internship for a minimum period of time and, under the direction of a staff member, prepare a paper related in some manner to his field experience. Prerequisite: junior standing, or consent of the chairperson.

Variable Credits Staff Both Semesters

392-01. Washington Semester Internship in Congress.

392-02. Washington Semester Internship with Political Interest Groups.

393-01. Washington Semester Internship in American Foreign Policy.

393-02. Washington Semester Internship in Public Administration.

These internships are offered under the Washington Honors Semester Program (see Political Science 496). Students typically will participate in two internships. Most students intern in Congress or with a political interest group. Some students intern with an executive branch agency, a political party, or another group. Interns will prepare a term paper or other written material for each internship on a topic related to the internship experience.

Eight Credits Ryden Spring Semester

395. Campaign Management — Campaign management studies the methods and techniques of managing a campaign for public office. Topics include organization, advertising, press relations, fund raising, advancing, volunteers, budget, issues development, scheduling, and strategies. Up to half of the total class and preparation time may involve field work. Students choose between a Democratic Party and a Republican Party lab when doing field work. Individual campaign plans are prepared at the end of the course. Open to qualified sophomores for two to four credits. Freshmen enrolled in National Government may take this for one credit. Offered only during election years.

One to Four Credits Toppen, Holmes, Pocock Fall Semester During Election Years

490. Independent Studies — Independent research of an advanced nature can be arranged under the supervision of a designated staff member, culminating in the preparation of an extensive research paper. Prerequisite: senior standing or consent of the department chairperson.

Three to Four Credits Staff Both Semesters

POLITICAL SCIENCE

491. Readings in National Domestic Institutions — Independent reading of assigned works of an advanced nature can be arranged under the supervision of a designated staff member. Prerequisite: consent of the instructor.

One to Four Credits Staff Both Semesters, May, June and July Terms

492. Washington Semester Preparation — This course provides an orientation for accepted Washington Honors Semester students. The course examines current public policy issues, seeks to sharpen written and oral communication skills, and prepares students for a semester of living and working in Washington, D.C.

One or Two Credits Staff Fall Semester

494. Capstone Seminar — This course emphasizes individual research projects in some field of politics and the preparation of the research paper. Special requirement for majors: an oral discussion and portfolio presentation on 100, 242, and 251 during the course.

Four Credits Staff Both Semesters

496. Washington Semester Program — This program enables superior students from all disciplines to study in Washington, D.C., and apply knowledge of their area as it relates to government and politics. Select junior and senior students will take a seminar on American government and politics (Political Science 496, 8 credits); participate in group seminars with congressmen and legislative staff, executives, lobbyists, political party officials, and journalists; intern for two six-week periods in Congress (Political Science 392-01, 4 credits), the executive branch (Political Science 393-01 or 02, 4 credits), or with political interest groups (Political Science 392-02, 4 credits); and prepare extensive research papers based upon their semester's work.

Sixteen Credits Ryden Spring Semester



Faculty: Chairperson, Mr. VanderStoep; Mr. Behensky, Ms. Dickie, Mr. Green, Ms. Inman, Ms. Hernandez Jarvis, Mr. Ludwig, Mr. Myers, Ms. Roehling, Mr. Shaughnessy, Ms. Trent-Brown, Ms. vanOyen Witvliet. **Assisting Faculty:** Ms. Bade.

The Department of Psychology provides its students with a strong base in psychology's methods and concepts in order to prepare them to think critically about behavior and to pursue graduate study or practical applications of psychology. The department believes that the best preparation for the unpredictable future comes through acquiring the intellectual tools which enable students to be problem solvers, to change and grow as old ways become obsolete and new approaches become available.

The department offers students opportunities to experience psychology in action, thereby shaping their personal visions. Several of the department's courses offer the opportunity for research experience. The department also offers some forty internships with Holland area human service agencies and businesses. Other internships and research opportunities are available on campus and through off-campus study programs at The Philadelphia Center and the Chicago Semester.

The department's exceptional facilities include multimedia instruction, a psychophysiology laboratory, a psychoacoustics laboratory and other computer-controlled laboratories for data collection and analysis. Many students collaborate with faculty in research in much the same way that graduate students do in universities. Each year psychology students are involved in collaborative research and many present their research at professional conferences.

Those psychology majors intending to work in the human service professions with a B.A. degree or intending to seek an advanced degree in this area (e.g., M.A., M.S.W.) should consider courses aimed at developing both helping skills and research/evaluation skills. Currently, helping skills can be learned in the Theory and Practice of Helping course (PSY 265). Other pertinent courses include Communication 210, 220, and 330. Students considering work in probation and the criminal justice system might want to take Political Science 237 and 339 and Sociology 221 and 222. Human service professions related courses include Sociology 101, 232 and 233 and IDS 200 (Encounter with Cultures). Students interested in human resources and/or business should take PSY 350 and Management 150 and 352. Consultation with your psychology advisor is recommended in making choices from among the courses listed above. Students intending to enroll in an MSW program can choose either the social work major or the psychology major. Recommended courses for other possible career paths for psychology majors, information about careers in psychology, and information about graduate study in psychology are available on our Web site (www.hope.edu/academic/psychology).

Hope's Department of Psychology is nationally recognized. The department ranked 14th nationally among four-year colleges, with 25 PhDs earned by graduates between 1991 and 1995. From 1999 to 2008, the national honor society in psychology has awarded at least one of our students a regional research award (approximately 16 are awarded per year out of more than 250 applicants from the 11-state Midwest region). Several leading psychology textbooks and multi-media instructional resources are authored by department faculty. Many of the department's recent graduates have been recruited by top graduate schools, assuring that the department will continue to be a prominent source of future psychologists. Additional information about psychology faculty and their research interests and about alumni is also available on our Web site.

MAJOR REQUIREMENTS: The psychology major is composed of a minimum of 32 credits. The major requirements are broken down into the following elements:

PSYCHOLOGY

Fundamental Courses

All majors must take:

Introduction to Psychology(100)

Research Methods (200)

Statistics (fulfilled by taking Mathematics 210 or Mathematics 311).

Survey Courses

Students must take four of the following courses:

Developmental Psychology (230)

Social Psychology (280)

Physiological Psychology (320)

Cognitive Psychology (340)

Behavior Disorders (370)

Topical Seminar

Students must take four credits from the following list of topical seminars:

Latino Child (305, 4 credits)

Practical Aspects of Memory (310, 4 credits)

Adult Development and Aging (355, 2 credits)

Industrial/Organizational Psychology (350, 4 credits)

Psychology of Women (380, 4 credits)

Advanced Research (390, 4 credits)

Studies in Psychology (395, 2 or 4 credits)

Clinical Psychology (410, 4 credits)

Health Psychology (420, 2 credits)

Cultural Diversity

Students are required to take six credits of courses identified as having cultural diversity as their primary focus. These courses do not need to be psychology courses.

Service Learning or Field Experience

Students are required to participate in one service-learning course. This requirement is usually fulfilled by taking Developmental Psychology, but can also be fulfilled by taking Clinical Psychology or Psychology Internship.

Students who are interested in attending a research-based graduate program are encouraged to take Advanced Research or a Psychology 295/395 course that focuses on conducting research. Students interested in a career in the helping professions are encouraged to take Psychology 265.

Students who have questions about whether the prescribed 32-credit major is the most appropriate one for them or who would like to form a composite major may design, in consultation with their psychology advisor, a major program suited to their unique needs and goals. A written copy of this alternate major program is filed with the department chairperson. Students interested in an alternative major should contact the Department of Psychology chairperson or their psychology advisor as soon as possible.

MINOR REQUIREMENTS: The psychology minor consists of a minimum of 18 credits of psychology. A maximum of four credits from among these courses may be used to meet the 18-credit minor: Psychology 290, 295, 395, 490, 495, and 496.

PSYCHOLOGY MINOR FOR SECONDARY TEACHING CERTIFICATION: Students who minor in psychology for teaching certification must take a minimum of 20 credits in psychology. EDUC 225/226 (Exceptional Child) **cannot** be used for a minor for endorsement in psychology. See the Department of Education Web

PSYCHOLOGY

page at www.hope.edu/academic/education/worksheets/newsheets/secpsychminn.pdf for more information about courses required for this minor.

100. Introduction to Psychology — An introduction to the science of behavior and mental life, ranging from biological foundations to social and cultural influences on behavior (introducing most of the content areas covered in other psychology courses). Laboratory experiments and exercises provide hands-on experience.

Four Credits Staff Both Semesters

110. Race in America — Social understandings of race in the United States have changed dramatically over the last 500 years, but race still determines many of our life experiences and shapes our personal, social, and political views. In this course, students will read psychological research and other literature on the role of race in twenty-first century America and explore how we can work together toward greater justice, respect, and appreciation in an increasingly diverse society.

Two Credits Green Spring Semester

200. Research Methods — A beginning study of research methodology in contemporary psychology. Specific examples from different areas of psychology are used to teach the student basic concepts and methods of observation, measurement, hypothesis formation, experimental design, data collection, data analysis, interpretation and generalization. Laboratory projects provide hands-on experience with an emphasis on experiments. Prerequisite: Psychology 100.

Four Credits Hernandez Jarvis, Shaughnessy Both Semesters

225. The Exceptional Child — Same as Education 225.

230. Developmental Psychology — An introduction to theories, research methods, and findings related to intellectual, linguistic, emotional, perceptual, social and personality development during the life-span, with emphasis on childhood and adolescence. All students will participate in a field placement or other practical experience. Prerequisite: Psychology 100.

Four Credits Dickie, Ludwig, Trent-Brown, VanderStoep Both Semesters

265. The Theory and Practice of Helping — Helping skills are essential to conducting an effective interview, whether the interview takes place in counseling, social work, nursing, personnel work, or the ministry. The course presents concepts and methods, and teaches skills that are designed to help the student develop specific competencies in helping relationships. (Students may not take both PSY 265 and 365). For psychology majors only. Prerequisite: Psychology 100.

Two Credits Bade Fall Semester

280. Social Psychology — The scientific study of how people think about, influence, and relate to one another. Topics include the self, conformity, persuasion, prejudice, and interpersonal attraction. Data collection and analysis are part of the laboratory experience. Prerequisite: Psychology 100.

Four Credits Inman Both Semesters

281. Faith Seeking Justice, An Encounter with the Power of the Poor in the Voices of Latinas — This course is an interdisciplinary exploration of the liberating character of Base Christian Communities in Mexico, especially as that liberating character is voiced by Latinas. The course meets on campus for one week and in Mexico for two weeks. This course may be taken as a Senior Seminar under IDS 404.

Four Credits Staff May Term

290. Supervised Study in Psychology — Designed to give the psychology student an opportunity for first-hand learning experience in laboratory settings or in a field

PSYCHOLOGY

placement under the supervision of a faculty member. It is the student's responsibility to obtain prior approval of the project from the faculty supervisor. May be repeated for credit but no more than four credits may be applied to the 18-credit psychology minor. Pass/Fail credit only. Prerequisites: Psychology 100 and permission of the instructor/supervisor. *One to Four Credits Staff Both Semesters*

295. Studies in Psychology — An experimental lecture or seminar course designed as a one-time or trial offering. May be repeated for credit but no more than four credits may be applied to the 18-credit psychology minor. Prerequisite: permission of instructor. *Two to Four Credits Staff*

305. Latino Child — This course is designed to explore the development of self-identity, particularly the ethno-cultural component of Latino children's identity, and its influence on children's cognitive development and their school experiences. This course takes an interdisciplinary approach and includes readings from selected resources in the fields of cross-cultural, social-developmental, educational, and cognitive psychology, as well as sociology, cultural diversity, and fiction and non-fiction literature. Prerequisite: Psychology 100.

Four Credits Hernandez Jarvis Fall Semester

310. Practical Aspects of Memory — A study of topics in memory including a selective overview of memory research. Practical aspects of memory covered in the course include autobiographical memory, eyewitness and expert witness testimony, and recovered memories. The prevailing theme and goal of the course is for students to build a bridge between their knowledge of memory based on their personal experience and the body of knowledge based on psychological research. Prerequisite: Psychology 100.

Four Credits Shaughnessy Once a Year

320. Physiological Psychology — An introduction to the physiological bases of behavior. Research findings and methods emphasize the neural processes underlying brain function and behavior. A weekly lab section accompanies this course. Prerequisite: Psychology 100.

Four Credits Behensky Once a Year, Usually Spring

335. Adult Development and Aging — A study of research and theory about human development during the post-adolescent years, with emphasis on the issue of continuity versus change in the various stages of life. Special attention is paid to the problems and challenges of late adulthood. Prerequisite: Psychology 230.

Two Credits Ludwig Alternate Years

340. Cognitive Psychology — An introduction to the major topics in cognitive psychology including perception, attention, memory, imagery, knowledge representation, categorization, problem solving, language, decision making, and reasoning. Theories dealing with these issues will be reviewed with an emphasis on current research findings and applications. Data collection and analysis are part of the laboratory experience. Prerequisite: Psychology 100.

Four Credits Behensky, Hernandez Jarvis Fall Semester

350. Industrial/Organizational Psychology — This course applies psychology to the workplace. An introduction to the major topics including personnel selection and evaluation, organizational dynamics (groups, power, teams, cooperation, competition, and communication), and human factors (reducing stress in the work environment). Course contains psychological theories, research, and practical applications (involving interviews and data analysis). Prerequisite: PSY 100 or permission of instructor. Math 210 recommended. Complements a Management major.

Four Credits Inman Spring Semester

PSYCHOLOGY

370. Behavior Disorders — A study of the major psychological/psychiatric disorders. Information regarding the diagnostic criteria, causes and treatment of mental disorders, and societal management and attitudes toward the mentally ill will be explored. Prerequisite: Psychology 100.

Four Credits Bade, Roehling, vanOyen Witvliet Both Semesters

380. Psychology of Women — This course helps students recognize that women have historically been excluded from defining theory and research in psychology and remedies this bias by: 1) providing a feminist critique of existing theories, research and methods, 2) exploring current scholarship on women, and 3) connecting psychology with women's lives in their diversity and particularity, and in issues of race, class and sexual orientation. Women's lives are viewed as valid for serious study and discussion.

Four Credits Dickie Once a Year

390. Advanced Research — A psychology laboratory course designed to provide students with hands-on experience with an actual, ongoing research program. Its main purpose is to prepare students for doctoral graduate study. Students will be assisting professors with their research and thus be learning by doing. Students must submit an application (available in the departmental office) no later than noon on the Friday before registration. Permission slips (required) will be distributed at 3:00 p.m. that same day. It is strongly recommended that the course be taken no later than during the junior year. This course may be taken only once. Prerequisites: Psychology 100, Psychology 200, and permission of instructor.

Four Credits Staff Both Semesters

395. Studies in Psychology — An experimental lecture or seminar course designed as a one-time or trial offering. May be repeated for credit but no more than four credits may be applied to the 18-credit psychology minor. Prerequisite: permission of instructor.

Two to Four Credits Staff

410. Introduction to Clinical Psychology — This course will introduce the student to the major topics in clinical psychology. The most influential psychotherapies will be studied, including their theoretical background and applications. Research regarding therapeutic effectiveness will be discussed. In addition, the conceptual, statistical, and ethical issues involving assessment of personality and intelligence will be examined. Prerequisite: Psychology 370.

Four Credits Bade, Roehling, vanOyen Witvliet Both Semesters

420. Health Psychology — This course is taught in a seminar format and investigates how psychological factors affect aspects of health and illness. A biopsychosocial model is used to examine issues in: 1) health behaviors and primary intervention, 2) stress, illness, and stress reductions, 3) the management of pain and discomfort, and 4) the management of chronic and terminal illness. Prerequisite: advanced psychology major, or advanced pre-medical student, or advanced nursing student, or advanced kinesiology major.

Two Credits Bade Fall Semester

490. Special Studies — This program affords an opportunity for the advanced psychology student to pursue supervised projects of his or her own choosing beyond the regular course offerings. The project may take on one of two forms: the scholarly treatment of a particular topic using the library or laboratory research.

Both types can be done in various combinations, on or off campus. To be eligible for the course the student must have a faculty sponsor, a specific topic in mind, a reasonable background in related course work, good independent study habits, initiative and high motivation. If the proposed research involves data collection, prerequisites are Psychology 200 and 390. Special Studies credit requires departmental approval of a formal proposal to be submitted prior to registration. The number of credits and whether the course is taken for a grade or on a pass-fail basis are subject

PSYCHOLOGY

to departmental approval. The course may be repeated but no more than four credits in this course may be applied to the psychology minor requirement of 18 credits.

Credits to be Arranged Staff Both Semesters and Summer

495. Advanced Studies in Psychology — An experimental lecture or seminar course designed for a one-time or trial offering. Intended for students of demonstrated maturity, as usually indicated by upperclass standing. May be repeated for credit, but no more than four credits may be applied to the 18-credit psychology minor requirement. Prerequisite: permission of instructor.

Two to Four Credits Staff Both Semesters and Summer

496. Psychology Internship — A closely supervised practical experience in a professional setting for upperclass psychology majors. The experience can include observing, assisting, assuming regular duties, or pursuing a special project. The general guideline for credit is 3 hours per week (for a semester) for each credit. This course may be repeated for credit but no more than four credits may be applied to the 18-credit psychology minor. Prerequisite: departmental approval.

Credits to be Arranged Roehling, vanOyen Witvliet Both Semesters and July Term

Internship opportunities for psychology students are also available through The Philadelphia Center and the Chicago and Washington semesters. See pages 219-220 and 351-352.



Faculty: Chairperson, Mr. Bouma-Prediger; Mr. Bandstra, Mr. Brouwer, Mr. Cunningham, Mr. Hoogerwerf, Mr. Husbands, Ms. Japinga, Mr. Muñoa, Ms. Pitstick, Ms. Powers, Mr. Tyler*, Mr. Van Til, Mr. Wilson. **Assisting Faculty:** Mr. T. Brown, Mr. Lindell.

The broad academic purpose of the study of religion at Hope College is to understand the Christian faith and the role of religion in human society. To accomplish that end, the Department of Religion divides its field into four areas of academic investigation: biblical studies, historical studies, theological studies, and world religions. Some majors concentrate in one of those areas and develop a considerable expertise. Others combine their religion major with another (such as biology, English, or psychology) and “double major.” Whether they choose greater depth or greater breadth, however, students find the focus provided by a religion major to be an excellent way of centering their liberal arts education at Hope College.

Students majoring in religion participate in a wide variety of academic and service activities which include:

- assisting professors with research programs
- enrolling in The Philadelphia Center or the Chicago Semester to investigate alternative ministries in an urban setting
- leading youth groups, both denominational and non-denominational, in area churches

Graduates of the Department of Religion are leading satisfying careers such as:

- serving in the denominational headquarters of a national church
- teaching in a seminary or college
- serving as a counselor with a Christian agency
- directing a retirement center
- pastoring a church in this country or abroad
- serving on a church staff as minister to youth

Options for religion majors and minors include seminars or individual research and, in consultation with the department chairperson, the opportunity to fulfill selected required courses through a tutorial reading program. The program has been endorsed and recommended by graduate theological seminaries for students preparing for church vocations.

RELIGION OFFERINGS FOR THE ALL-COLLEGE REQUIREMENTS

Studies in the department are an integral part of the college curriculum. Six credits in religion are required for graduation: a two-credit Basic Studies in Religion course (REL 100) and one four-credit introductory course in religion (REL 220, 240, 260, or 280).

RELIGION AS A MAJOR

The Department of Religion is a department within the Humanities Division presenting an area of study and research which students may choose as the focus of their liberal arts education. The Department of Religion is comprised of four fields: Biblical Studies, Historical Studies, Theological Studies, and Studies in World Religions. The religion major program requires 32 credits. It includes four 4-credit introductory courses in religion (220, 240, 260, and 280) and four 4-credit courses at the 300 and 400 level. Three of the four fields of religion must be represented among the four courses at the advanced level, and one of these must be a 400-level religion seminar. One of the advanced level courses may be an independent study. Religion 100 does not count toward a major.

*Sabbatical Leave, Spring Semester 2009

RELIGION

The religion major with youth ministry emphasis is recommended for students interested in pursuing careers in youth ministry. This program consists of the regular religion major course of study to which one course in ministry (351 or 359) and two internships (498 and 499) are added.

A student with special interests and objectives may apply to the department for a “contracted religion major” which consists of the 16 credits at the introductory level (220, 240, 260, and 280) and 16 credits of advanced work in religion appropriate to the academic and vocational interests of the student.

MINOR IN RELIGION: A minor consists of a minimum of 20 credits, including three courses at the 200 level, one four-credit course at the 300 level, and a 400-level seminar. Religion 100 does not count toward a minor.

RELIGION MINOR FOR TEACHER CERTIFICATION IN SECONDARY EDUCATION: This specialized minor meets State of Michigan requirements for certification to teach the academic study of religion in public schools. A total of 20 required credits is stipulated. The courses include 220 and 280 and three 4-credit courses at the 300/400 level (including at least one 400-level seminar and one course in world religions). For further information, see the Department of Religion chairperson.

STUDIES IN MINISTRY MINOR: The studies in ministry minor is administered by the CrossRoads Project under the academic supervision of Interdisciplinary Studies. It is dedicated to preparing students, theologically and practically, for lay ministry positions in churches and para-church organizations. The minor has three different tracks: youth ministry, worship leadership, and social witness. Depending on the track chosen, the minor will comprise 25 or 26 credits, to be distributed across required courses, electives, and an internship. For more information, see “Studies in Ministry,” page 242.

BASIC STUDIES IN RELIGION

100. Basic Studies in Religion — The course is designed to introduce students to the content and methods in the study of religion. A variety of topics will be available each semester, varying by instructor. Topics range across the fields of biblical studies, theology and ethics, church history, and world religions. Consult the Department of Religion Web site for current offerings. Religion 100 may be taken for credit only once; exceptions are granted by the chairperson in unusual circumstances.

Two Credits

INTRODUCTORY COURSES IN RELIGION

Introductory religion courses fall into four general areas of study, but each particular course has its own focus. Consult the Department of Religion’s Web site for the topics and instructors offered each semester.

220. Introduction to Biblical Literature — An introductory study of the history and theology of the Old and New Testaments.

Four Credits Bandstra, Brouwer, Muñoa, Powers

240. Introduction to the History of Christianity — An introductory study of the history of Christianity.

Four Credits Japinga, Tyler

260. Introduction to Theology — A study of basic Christian beliefs about God, creation, humanity, evil, Jesus Christ, salvation, the church, and the future, based on a

RELIGION

careful reading and an informed discussion of classical texts.

Four Credits Bouma-Prediger, Hoogerwerf, Husbands, Japinga, Pitstick, Van Til

280. Introduction to World Religions — A historical and geographical survey of some major religions of the world: the religions of India, China, Japan, and the Middle East. Emphasis is placed on the role of religion in the development of the culture and ethos of these areas. *Four Credits Wilson*

ADVANCED COURSES IN RELIGION

The prerequisite for all 300 and 400 level classes is completion of the general education requirement in religion.

BIBLICAL STUDIES

320. Pentateuch — A close study of the literature of Genesis, Exodus, Leviticus, Numbers, and Deuteronomy against the background of the Ancient Near East. *Four Credits Bandstra*

325. Jesus and the Gospels — A study of the synoptic gospels and the Gospel of John, focusing on the life and teachings of Jesus, the development of the gospel traditions, and the special interests and concerns of each evangelist. *Four Credits Muñoa*

326. Late New Testament and Early Christian Writings — A study of late New Testament writings, focusing on Hebrews, James, I Peter, and Revelation. Issues of background, genre, and interpretation will be dealt with. Other late New Testament and early Christian literature will also be examined briefly. *Four Credits Muñoa*

328. Johannine Literature — A study of the gospel and epistles of John. Special emphasis will be placed on the exegesis of the Johannine texts and the theological questions which are raised in the interpretation of these writings. This course is taught as a seminar. *Four Credits Powers*

329. Studies in Scripture — A course designed to enable current staff or visiting faculty to teach a course in the area of their current research, and to facilitate cross-listing courses. *Four Credits Bandstra, Brouwer, Muñoa, Powers*

HISTORICAL STUDIES

344. Christianity in the Middle Ages — The history of the Christian experience from 400-1400, focusing on how Christians articulated belief and acted on religious conviction in the shifting economic, political, cultural, and social environments of the Middle Ages. Prerequisite: Religion 240. *Four Credits Tyler*

345. The Reformation — The history of religious reform movements from the later Middle Ages through the sixteenth century with an emphasis on Lutheran, Zwinglian, Anabaptist, Calvinist, Anglican, and Roman Catholic reformations and churches. The course will emphasize not only theological developments, but also the interaction of religious, political, and cultural impulses and trends. Prerequisite: Religion 240. *Four Credits Tyler*

346. Piety and Politics — A historical analysis of revival and reform movements in American religious history, and the interaction between Christianity and politics, morality, and social welfare. Prerequisite: Religion 240. *Four Credits Japinga*

349. Studies in Religious History — A course designed to enable current staff or visiting faculty to teach a course in the area of their current research, and to facilitate cross-listing courses. *Four Credits Japinga, Tyler*

RELIGION

THEOLOGICAL STUDIES

362. Conceptions of God — A study of ancient, medieval, and modern ideas of God present in major religions, theologies, and philosophies. They will be examined and evaluated in the light of the biblical understanding of God as it develops in the Judeo-Christian tradition, and in relation to such topics as creation, human freedom, and knowledge of God.
Four Credits Wilson

363. Studies in Christian Spirituality — A study of major views within the Christian tradition on the nature and practice of spirituality. In addition to the Bible, the writings of such masters as Benedict of Nursia, Maximus Confessor, Bernard of Clairvaux, Julian of Norwich, John Woolman, Soren Kierkegaard, Theresa of Lisieux, Dietrich Bonhoeffer, and Mother Teresa will be examined.
Four Credits Bouma-Prediger

364. Philosophical Theology — A study of major issues and questions which arise in Christian philosophical theology. Topics covered include religious experience, faith and reason, arguments for God's existence, theology and science, miracles, the problem of evil, and religious pluralism. Prerequisite: Religion 260 or permission of instructor.
Four Credits Bouma-Prediger

365. Ecological Theology and Ethics — A study of the nature and causes of current ecological degradation, the witness of Christian scripture and tradition concerning ecological matters, the responsibilities of humans as earthkeepers, and the practical implications of living in a more earth-friendly way. This is an off-campus course combining traditional academic study with a wilderness backpacking, canoeing, and kayaking trip in which participants learn wilderness camping skills and develop their leadership ability in addition to examining issues in the area of ecological theology and ethics. Prerequisite: permission of instructor.
Four Credits Bouma-Prediger

366. Feminist Theology — An exploration of theological questions (who is God?, what does it mean to be human?, how do we read the Bible?, etc.) from the perspective of feminist theologians. Prerequisite: Religion 260 or permission of instructor.
Four Credits Japinga

369. Studies in Christian Theology — A course designed to enable current staff or visiting faculty to teach a course in the area of their current research, and to facilitate cross-listing courses.
Four Credits Bouma-Prediger, Hoogerwerf, Husbands, Pitstick, Van Til

STUDIES IN WORLD RELIGIONS

381. Religions of India — A study of the history and development of the major religions of India. Special attention is drawn to the impact of historical religion on modern India.
Four Credits Wilson

383. Studies in Islam — A study of the history and development of Islam, considering its literature, doctrines, traditions, and practices. Particular emphasis is placed upon sectarian Islam with its various geographical locations and its political significance in the world today.
Four Credits Wilson

389. Studies in World Religions — A course designed to enable current staff or visiting faculty to teach a course in the area of their current research, and to facilitate cross-listing courses.
Four Credits Wilson

RELIGION

COURSES IN MINISTRY

351. Theology of Youth Ministry — This course will offer an examination of contemporary youth culture and adolescent religious development with a view to developing an effective Christian ministry to young people, as well as to developing skills to analyze aspects of culture and the ministry of the church.

Four Credits Lindell Fall Semester

359. Studies in Ministry — A course designed to enable current staff or visiting faculty to teach a course in the area of their current research, and to facilitate cross-listing courses.

Two Credits T. Brown

395. Theology of Social Witness and Mission — An introduction to the intercultural dimension of the church's life and mission, including insights drawn from cultural anthropology, communications theory, mission history, biblical hermeneutics, and mission theology. Special attention is given to developing a theology of cultural plurality with implications for witness, conversion, and ministry.

Three Credits V. and C. Sterk Spring Semester

SEMINAR AND INDEPENDENT STUDY

420. Seminar in Scripture — A senior level seminar course on some topic related to the study of scripture. For majors or minors, or by permission of the instructor.

Four Credits Bandstra, Brouwer, Muñoa, Powers

440. Seminar in the History of Christianity — A senior level seminar course on some topic related to the study of the history of Christianity. For majors or minors, or by permission of the instructor.

Four Credits Japinga, Tyler

460. Seminar in Theology/Ethics — A senior level seminar course on some topic related to the study of theology and/or religious ethics. For majors or minors, or by permission of the instructor.

Four Credits Bouma-Prediger, Hoogerwerf, Husbands, Pitstick, Van Til

480. Seminar in World Religions — A senior level seminar course on some topic related to the study of religions of the world. For majors or minors, or by permission of the instructor.

Four Credits Wilson

490. Independent Studies — A program providing an opportunity for the advanced student to pursue a project of his/her own interest beyond the catalog offerings. The course can be based upon readings, creative research and/or field projects. Permission of department chairperson required.

One, Two, Three, or Four Credits Staff

498. Religion Internship I — A supervised practical experience in a church or religious organization. This experience will involve at least 8 hours per week for a full academic year in a setting approved by the instructor. Participation in group supervision sessions is also required. Prerequisites: two courses in religion (one of which must be Religion 220), Youth Ministry (may be taken concurrently), and permission of instructor.

Four Credits Powers

499. Religion Internship II — A continuation of 498. Same requirements and prerequisites as Religion 498.

Four Credits Powers



Faculty: Ms. Sturtevant*, Chairperson; Ms. Koch, Mr. Luidens, Mr. Nemeth, Mr. Piers, Ms. Swanson, Ms. Villarreal. **Adjunct Faculty:** Mr. Gonzáles, Mr. Osborn.

The Department of Sociology and Social Work provides students with a variety of courses in two major areas. The sociology major prepares students who plan to enter graduate or professional school in the disciplines of sociology, law, urban planning, the ministry and numerous other professions as well as students intending to enter business.

The social work major is a *professional* degree that is accredited by the Council on Social Work Education. Its principal objective is to prepare students for beginning level, generalist social work practice. (The Social Work Program is fully described following the sociology course list.)

SOCIOLOGY MAJOR

Sociology can be defined as the scientific study of human societies. Students majoring in sociology will be introduced to the major theoretical paradigms and methodological procedures of the discipline. They will also select several electives from a variety of topical courses. Finally, majors will participate in a senior-level capstone course that will focus on current issues of significance or in an off-campus internship in an approved program.

The sociology major requires a minimum of 28 credits. This must include a) Sociology and Social Problems (Sociology 101); b) Theoretical Perspectives in Sociology (Sociology 261); c) Methods of Social Research (Sociology 262); and d) Capstone Seminar in Sociology (Sociology 495) or an approved off-campus internship. In addition, students must demonstrate competence in statistics; this is usually accomplished by completing Mathematics 210, or Mathematics 311 AND 312.

Criminal Justice Focus

Sociology majors may elect to graduate with a Criminal Justice (CJ) emphasis. This 32-credit program is intended for students preparing for careers in law enforcement, the criminal justice system, and related occupations. The CJ emphasis is offered in conjunction with The Philadelphia Center. In addition to Sociology 101, 261, and 262, CJ students must complete the Criminology I and II sequence (Sociology 221 and 222), another four-credit sociology elective (preferably Sociology 312, Urban Sociology), a four-credit course on Criminal Justice (to be offered through The Philadelphia Center), and a related internship in Philadelphia. As with all majors, CJ students must demonstrate competence in Statistics.

Off-Campus Options

In lieu of Sociology 495, sociology majors may receive permission to undertake an internship in an off-campus setting. Students are encouraged to consider one of the State-side or international programs which the college provides. In particular The Philadelphia Center and the Chicago Semester offer placements in urban settings. The Borders Program in El Paso, Texas, and the Council on International Educational Exchange Program in Santiago, Dominican Republic, provide outstanding placement opportunities for majors with competence in Spanish. Other, non-495 placement opportunities are available in Aberdeen, Scotland, and Querétaro, Mexico. Interested students are encouraged to consult with the Office of International Education to learn of other options.

Permission for either the Criminal Justice emphasis or the Off-Campus option must be obtained from the chairperson of the Department of Sociology and Social Work.

*Sabbatical Leave, Spring Semester 2009

SOCIOLOGY AND SOCIAL WORK

Sociology majors are encouraged to take the following sequence of courses:

YEAR	CREDITS
First Year	
SOC 101	Sociology and Social Problems 4
IDS 100	First Year Seminar 2
ENGL 113	Expository Writing 4
REL 100	Basic Studies in Religion 2
KIN 140	Health Dynamics 2
GEMS	General Education Mathematics and Science 2
BIOL 150	Biological Unity and Diversity or
BIOL 221	Human Physiology 4
Foreign	Language Requirement 7
1 Cultural	History Requirement 4
First Year Total	31
Second Year	
SOC 261	Theoretical Perspectives (Fall) 4
SOC 262	Methods of Social Research (Spring) 4
4 Credits of Sociology Elective	4
Students who intend to complete the Criminal Justice Emphasis must take SOC 221 and 222	
PSY 100	Introduction to Psychology 4
MATH 210	Introductory Statistics or
MATH 311 and 312	Statistical Methods and Applied Statistical Models 4
POL 110	National Government Topics or
ECON 200	Economic Themes and Topics 2
1 Cultural History requirement	4
1 Performing Arts requirement	4
Other Electives	2
Second Year Total	32
Third Year	
1 Sociology Elective	4
Upper Division Religion Requirement	4
Remaining Performing Arts Requirement	2
5-6 General Electives	21
(Students enrolled in the Criminal Justice Emphasis should plan on spending the SPRING semester of their Junior year in Philadelphia; similarly, this year is the preferred time for other off-campus programs.)	
Third Year Total	31
Fourth Year	
SOC 495	Capstone Course in Sociology (Spring) 4
1 Sociology Elective	4
IDS 495	Senior Seminar 4
4 General Electives	20
Fourth Year Total	32

SOCIOLOGY AND SOCIAL WORK

SOCIOLOGY MINOR

The sociology minor consists of 20 credits of courses. Students will be required to complete Sociology 101, 261, and 262. In addition, they will have to take another eight credits from among the department's courses.

SOCIOLOGY COURSES

101. Sociology and Social Problems — An examination of the concepts and theories which make up the sociological perspective, the evidence which tests these theories, and the ways in which the sociological perspective can aid in understanding social phenomena in the contemporary world. A lab is included in this class. This course fulfills the Social Science I-A and cultural diversity requirement of General Education.
Four Credits with Lab Staff Both Semesters

151. Cultural Anthropology — A study of the historical trends in anthropology that have led to its present perspectives. The concepts of functionalism and cultural relativism are examined and evaluated. The course surveys various cultural patterns around the world. This course fulfills the Social Science I-A requirement of General Education.
Four Credits Luidens Fall Semester, Even Years

221. Criminology I — Students will be introduced to the principal sociological perspectives on the causes of crime, with special emphasis on the processes of deciding who are called criminals and what actions are criminalized. This course is required for students planning to major in sociology with a Criminal Justice emphasis and fulfills the Social Science II-A requirement.
Two Credits Luidens Fall Semester (First Half)

222. Criminology II — Students will be introduced to the Criminal Justice System with a focus on the principal sociological perspectives on the roles of law enforcement agencies, the judicial and penal systems, and post-conviction treatments. This course is required for students planning to major in sociology with a Criminal Justice emphasis. Prerequisite: SOC 221.
Two Credits Luidens Fall Semester (Second Half)

232. Sociology of the Family I — This course examines the family from a developmental approach. Research studies will focus on the trends in family life and social problems related to family functioning at each stage of a family's development. Same as Social Work 232. Prerequisite: SOC 101.
Two Credits Piers Both Semesters (First Half)

233. Sociology of the Family II — This course examines several theoretical approaches to understanding the family as a social system, examines issues in the family, examines the social-class variations in the family and examines ethnically diverse families in the U.S. Prerequisite: SOC 101.
Two Credits Koch Fall Semester (Second Half)

261. Theoretical Perspectives in Sociology — This course will consider the principal historical and contemporary sociologists and their approaches to the study of society. Through their intellectual and personal biographies, students will be introduced to the major concepts and questions that sociologists consider. Prerequisite: SOC 101.
Four Credits Luidens Fall Semester

262. Methods of Social Research — A beginning course in the research designs, methods, and techniques used by social scientists. Students will become acquainted with probability theory, hypothesis testing, sampling, and elementary descriptive and inferential statistics. Computer-assisted projects and exercises using a variety of data

SOCIOLOGY AND SOCIAL WORK

sets will be introduced in laboratory sessions. Prerequisite: SOC 101.

Four Credits Nemeth Spring Semester

269. Race and Ethnic Relations — The role that racial and ethnic diversity plays in society continues to be crucial. Much of contemporary social inequality, social conflict and efforts toward accommodation and assimilation have their roots in this diversity. In addition to describing and analyzing these themes, this course will offer an assessment of the American experience in light of broader global trends.

Two Credits Swanson Fall Semester

271. Sociology of Gender I — In this course we will examine the different roles prescribed to individuals on the basis of sex. The particular focus will be the role of socialization and social institutions. We will consider the consequences of women's and men's assigned roles for their home and family life, work roles and achievements, media portrayals, and religious practices.

Two Credits Swanson Spring Semester (First Half)

272. Sociology of Gender II — In this half of the course we will examine the most popular gender theories and discuss their impact on men's and women's roles in the U.S. culture. We will focus more specifically on men's roles, the history and impact of the women's movement, and prospective gender roles in the future. Prerequisite: SOC 271 or WS 271.

Two Credits Swanson Spring Semester (Second Half)

312. Urban Sociology — An exploration into the social forces that create and shape cities. Students will be introduced to the perspectives that sociologists use to study cities and the factors contributing to urbanization. The course will investigate the origins and development of cities, with an emphasis on the temporal and spatial dimensions of urban development. Urban problems will be addressed in comparative and historical perspectives.

Four Credits Nemeth

333. Medical Sociology — An introduction to the sociological study of health, illness, and disease. The impact of gender, race, and social class on the perception and distribution of disease will be emphasized. Attention will be directed to the study of health care delivery systems and the use of alternative health care.

Four Credits Nemeth

341. Sociology of Religion — The study of religion has been central to sociology from its earliest days. This course will introduce students to the major theoretical approaches which are being used to study religion. Students will apply these theories to specific expressions of religions, both national and international.

Two Credits Luidens

356. Social Movements — This course examines social movements as attempts to promote social change through collective action using institutionalized and non-institutionalized tactics. A focus on the Civil Rights Movement of the 1960s will be used as an example of a movement promoting social change.

Two Credits Swanson

390. Advanced Research Project — A research oriented course designed to get advanced students actively involved in an ongoing research project. The course is primarily intended for students contemplating graduate studies in sociology. Students will be assisting professors with a research project and thus be learning by doing. Students must submit an application (available in the department office) no later than noon on the Friday before registration. Prerequisites: Research Methods (SOC 262) and permission of the instructor. It is strongly recommended that the course be taken before the senior year. This course may be taken only once.

Four Credits Staff Fall Semester

SOCIOLOGY AND SOCIAL WORK

490. Independent Studies in Sociology — This program affords an opportunity for advanced students in sociology to pursue a project of their own interest beyond the regular course offerings. The project may take one of several forms: 1) library readings on a topic in sociology, 2) a supervised research project, 3) a supervised field project combining study with appropriate work experience. Open to upper-level sociology majors with the consent of the department. *Two to Four Credits Staff Both Semesters*

495. Capstone Seminar in Sociology — A senior course designed to enable students and faculty to organize and integrate a variety of interest areas in sociology, thereby culminating the major with a synthesis provided through theoretical perspectives. Prerequisite: 16 credits of sociology. *Four Credits Nemeth Spring Semester*

SOCIAL WORK MAJOR

The baccalaureate social work major is accredited by the Council on Social Work Education. Students will learn that social work is a profession dedicated to assisting people to attain life satisfaction through personal, social, and environmental changes. Social work practice uses a variety of generalist practice methods, including direct interventions, community organization, and social welfare planning and policy development. Social work is concerned with meeting the needs of oppressed populations, including those most vulnerable and discriminated against.

Only graduates who are social work majors are eligible for licensing (LBSW) in Michigan and other states.

Social work majors alone are eligible to reduce the time in M.S.W. programs by up to two semesters through advanced standing programs. Please consult the social work faculty for more details.

In addition to their classroom experiences, social work students engage in a wide variety of activities working with various client populations in their internships:

- work with community organizations
- work with community agencies in program planning and implementation
- work with the elderly
- work with unemployed and underemployed
- work with people encountering difficult life transitions
- social research in the community
- work with the developmentally and physically challenged
- work with juvenile delinquents
- work with at risk school children

The requirements for the social work major include the following social work courses: a) Introduction to Social Welfare (Social Work 241); b) Sociology of the Family I (Social Work 232) or Child Welfare (Social Work 242); c) Methods of Social Research (Social Work 262); d) Human Behavior and Social Environment I (Social Work 310); e) Human Behavior and Social Environment II (Social Work 311); f) Social Work with Diverse Populations (Social Work 315); g) Social Work Interviewing (Social Work 320); h) Contemporary Social Policy (Social Work 322); i) Social Work Interventions I, II and III (Social Work 351, 352 and 401); and j) Social Work Field Experience I and II (Social Work 443 and 446).

All social work majors must formally apply to the Social Work Program by the end of their sophomore year. To be eligible for admission —

1. Applicants must have completed or be enrolled currently in Psychology 100, Sociology 101, and Social Work 241.
2. Applicants must have a minimum GPA of 2.3 and a minimum GPA of 2.5 in their social work courses.
3. Applicants need two recommendations from Hope College faculty/staff.

SOCIOLOGY AND SOCIAL WORK

4. Applicants must submit a written personal statement which includes information about their commitment to social work as a vocation and describes volunteer service in the field.

A student who does not fully meet one or more of the admission criteria may be admitted to the Social Work Program conditionally, provided the student, after an interview with the Program Director of Social Work, agrees in writing to remove the deficiency by the time she/he makes application for admission to the practicum. Conditionally accepted students should be aware that there are risks involved in pursuing the first year of the social work major on a conditional basis.

A minimum GPA of 2.3 and a minimum GPA of 2.5 in the social work major are required for graduation.

In addition, the following cognate courses are required: a) Introduction to Psychology (Psychology 100); b) Introduction to American Political Institutions (Political Science 100) **or** Political Science 110; c) Sociology and Social Problems (Sociology 101); d) GEMS 158 **or** Human Physiology (Biology 221); and e) Introductory Statistics (Mathematics 210).

It is strongly recommended that social work students take Encounter with Cultures (IDS 200).

To ensure the fulfillment of all the social work degree requirements, students are urged to follow the schedule of courses indicated in the following four year curriculum:

SEMESTER	CREDITS
Freshman Year – Fall	
PSY 100 Introduction to Psychology	4
REL 100 Basic Religion Course	2
ENG 113 Expository Writing	4
IDS 100 First Year Seminar	2
Cultural History requirement	4
	16
Freshman Year — Spring	
KIN 140 Health Dynamics	2
POL 100 Intro to American Political Institutions and Lab	4
	or POL 110
	2
SOC 101 Sociology and Social Problems	4
Language Requirement	4
Performing Arts requirement	4
	16-18
Sophomore Year — Fall	
Natural Science requirement	2
Language requirement	4
*BIOL 221 or Elective	4
Electives	6
	16
Sophomore Year — Spring	
SWK 241 Social Welfare	2
SWK 232 or	
SWK 242 Sociology of the Family or Child Welfare	2
Cultural History requirement	4
MATH 210 Statistics	4
*GEMS 158 or Elective	4
	16
*One of the two, BIOL 221 or GEMS 158, is required.	

SOCIOLOGY AND SOCIAL WORK

SEMESTER	CREDITS
Junior Year — Fall	
SWK 320 Social Work Interviewing	3
SWK 310 and 311 HBSE I and HBSE II	6
SWK 351 Social Interventions I	4
Performing Arts requirement	2
Elective	2
	17
Junior Year — Spring	
SWK 322 Social Policy	4
SWK 352 Social Interventions II	4
SWK 262 Social Work Research	4
SWK 315 Social Work with Diverse Populations	4
	16
Senior Year — Fall	
SWK 401 Social Interventions III	4
SWK 443 Field Practicum	6
Upper division Religion	4
Elective	2
	16
Senior Year — Spring	
Senior Seminar	4
SWK 446 Field Practicum	6
Electives	6
	16

With prior permission, social work students may be allowed to carry out internships at The Philadelphia Center or the Chicago Semester.

Graduates of Hope's Social Work Program have been involved in a variety of satisfying careers such as:

- social workers in a variety of practice settings
- graduate programs in social work
- ministers and church workers
- legal aid lawyers
- directors of drug clinics
- professional counselors
- supervisors in counseling centers
- urban planners
- teachers of social work
- community organizers
- director of social welfare programs

No academic credit for life experience and previous work experience will be given in lieu of any social work or cognate courses required for the social work major.

SOCIOLOGY AND SOCIAL WORK

SOCIAL WORK COURSES

232. Sociology of the Family I — This course examines the family from a developmental approach. Research studies will focus on the trends in family life and social problems related to family functioning at each stage of a family's development. Same as SOC 232. Prerequisite: SOC 101.

Two Credits Piers Both Semesters (First Half)

241. Introduction to Social Welfare — This course examines the role of social workers in society. Social work fields of practice are explored including medical social work, school social work, poverty-based social work, juvenile corrections, gerontology, etc. This course is intended to be an introductory course for students exploring the possibility of social work as a career. Corequisite: SOC 101.

Two Credits Sturtevant Fall Semester (First Half), Spring Semester (Second Half)

242. Child Welfare — This course examines the philosophy of child welfare as a specific part of social welfare and the programs that perpetuate the child welfare institutions. Child abuse and neglect is a major topic of this course.

Two Credits Villarreal Spring Semester (First Half)

262. Methods of Social Research — A beginning course in the research designs, methods, and techniques used by social scientists. Probability theory, hypothesis testing, sampling, and elementary descriptive and inferential statistics are introduced. Practical research experience is emphasized. Same as SOC 262. Corequisite: Math 210.

Four Credits Nemeth Spring Semester

310. Human Behavior and Social Environment I — This course will focus on the interaction between persons and the social systems they encounter throughout maturation. Special attention will be given to the interactions and systems as they relate to and affect social work practice with a variety of populations, including those experiencing ethnic, racial, sexual, and age-based discrimination. Social work majors only. Corequisite: Biology 221. Prerequisites: Psychology 100, SWK 241.

Three Credits Villarreal Fall Semester

311. Human Behavior and Social Environment II — This course is a continuation of Social Work 310. Prerequisite: SWK 310.

Three Credits Villarreal Fall Semester

315. Social Work with Diverse Populations — This course will prepare students for ethnically sensitive social work practice. Students will examine assumptions, strategies, and procedures that will enhance their values, knowledge and skills to more effectively interact with diverse populations at each stage of the social intervention process. Social work majors only.

Four Credits Villarreal Spring Semester

320. Social Work Interviewing — This course will focus on the principles of the social work interview; the examination of techniques and theoretical models that increase the effectiveness of social work interventions; and the demonstration and practice of these skills. Social work majors only. Prerequisite: SWK 241.

Three Credits Osborn Fall Semester

322. Social Policy — This course examines the history and philosophy of the profession of social work. It also examines social policy issues such as poverty and mental illness and the significance of social, economic, and political factors in policy making implementation. Social work majors only. Prerequisites: SWK 241, POL 100 or 110.

Four Credits Sturtevant Spring Semester

351. Social Interventions I — This course is the first in a series of practice courses in the social work major curriculum. It will focus on the generalist interven-

SOCIOLOGY AND SOCIAL WORK

tions process of working with client systems: engagement, assessment, goal setting, intervention planning, contracting, intervention applications, evaluation, and termination. Attention will be given to social work values; ethical decision making; roles of the social worker; and ethnic, racial and gender sensitive practice. Social work majors only. Prerequisite: SWK 241. *Four Credits Piers Fall Semester*

352. Social Interventions II — This course is the second in a series of practice courses in the social work curriculum. It will focus on the generalist practice skills, interventions and issues involved in working with client systems consisting of families and small groups. Planning, assessment, intervention and termination stages will be addressed. Attention will be given to social work values; ethical decision making; roles of the social worker; and ethnic, racial and gender sensitive practice. Social work majors only. Prerequisite: SWK 351. *Four Credits Piers Spring Semester*

401. Social Interventions III — This course is the third in a series of social work practice courses. It will examine the types of human service organizations within the community and examine the political and social context in which community organizing takes place in contemporary society. As an interventions course, it will continue to focus on the stages and processes utilized in generalist social work practice through a problem solving approach. Social work majors only. Prerequisite: SWK 352. *Four Credits Sturtevant Fall Semester*

443. Social Work Field Experience I — This program offers the opportunity for advanced social work students to work with individuals, groups, and community organizations under the close supervision of professional social workers. The program is offered in cooperation with several social and criminal justice agencies in Western Michigan. Work may include direct service, client advocacy, training, referral service, and community organizing for client systems. Students will spend 220 hours per semester in the field. The weekly practicum seminar is also a component of this course. Admission to field practicum is required. Corequisite: SWK 401. Social work majors only. *Six Credits Sturtevant, Villarreal Fall Semester*

446. Social Work Field Experience II — This course is a continuation of SWK 443. See SWK 443 for more information. *Six Credits Piers, Sturtevant, Villarreal Spring Semester*

490. Independent Study — This program allows advanced students in social work to pursue a project of their own interest beyond regular course offerings. Project may take the form of library research and study project or supervised research project. Students must have a specific project in mind. Prerequisite: 20 credits toward social work major. *Two or Three Credits Staff Both Semesters*

495. Advanced Seminar in Social Work — A senior level seminar course designed for trial course offerings which enable faculty and students to organize and integrate a variety of interest areas in social work. Prerequisites: senior standing, social work major, and permission of the instructor. *Three Credits Staff Both Semesters*



Faculty: Ms. Robins, Chairperson; Ms. Bahle, Ms. Bombe, Director of Theatre; Mr. Landes, Mr. Smith, Mr. Tammi.

The Hope College Department of Theatre is an accredited institutional member of the National Association of Schools of Theatre.

The Department of Theatre is committed to offering an academic/artistic program of recognized excellence which fosters the intellectual and aesthetic development of students as theatre artists and as audience members.

Course offerings in theatre, along with the department's co-curricular production program, are designed to provide the liberal arts student with knowledge of and experience in an art form which has played an important role in our cultural history as well as in contemporary society. Performance or laboratory experience makes possible an appreciation of the art which can be derived only from direct participation. The practical experience of working together in a disciplined collaborative art facilitates one's understanding of oneself and of other people.

The primary objectives of the theatre production program are (1) to provide significant and challenging artistic experiences for our students, (2) to provide opportunities for the further artistic development of our faculty and staff involved with productions, (3) to engage the student body as a whole by producing performances of historical, contemporary, literary, and/or theatrical merit, and (4) to augment the community's cultural life through the presentation of plays of social and theatrical value.

Theatre students currently engage in such activities as:

- acting, directing, designing, stage managing
- participating in theatre production at all levels
- participating in the New York Arts Semester Program, The Philadelphia Center urban semester program sponsored by the GLCA or the Chicago Semester program
- working with established professionals in theatre through a guest artist program

Graduates of the Department of Theatre have been involved in pursuing such careers as:

- acting, directing, designing
- university teaching
- serving as members of professional repertory companies
- internships at regional professional theatres such as the Ensemble Studio Theatre, the Steppenwolf Theatre, The New Group and the Wooster Group
- graduate study at such schools as Yale University, the University of Illinois, Northwestern University and the American Conservatory Theatre

MAJOR: A major in theatre generally serves one of the following purposes:

1. More intensive study in this particular discipline as the emphasis within the student's liberal arts education.
2. Preparation for graduate work leading to an M.A., M.F.A., Ph.D., or D.F.A. degree in theatre.
3. Preparation for work in a non-commercial field of theatre such as community theatre.
4. Preparation for advanced training leading to a career in the professional theatre.

The **major program** is designed on a "contract" basis, with provisions as follows:

1. Theatre Major: 35 credits consisting of Acting I (Theatre 161); Principles of Design (Theatre 205); Theatre Crafts I and II (Theatre 210/211); one course chosen from Scene Design (Theatre 222), Lighting Design (Theatre 223), or

THEATRE

Costume Design (Theatre 224); Play Analysis (Theatre 243); Stage Management (Theatre 250); two courses chosen from Western Theatre I and II (Theatre 301 and 302) and American Theatre (Theatre 306); Stage Direction I (Theatre 331); three credits chosen from Advanced Theatre Practicum (Theatre 380), Independent Studies in Theatre (Theatre 490) or Seminar in Theatre (Theatre 495), or an internship with the Hope Summer Repertory Theatre or with an off-campus program, as approved by the theatre faculty.

2. In conjunction with a departmental academic advisor, the student will propose additional courses for completion of his or her major contract. This proposed course of study in an area or areas of special concentration will be designed to suit the student's own individual interests, needs, and career goals. Typical areas of concentration are design and technical theatre, directing, and performance. The major contract proposal will be submitted for approval to the Theatre Council, which is comprised of the theatre faculty and elected student representatives.

In addition to the curricular requirements, every design/technical-concentration student who does not have an assigned responsibility on- or off-stage for a major departmental production is expected to serve a minimum of 10 hours on one of the crews for that production. Majors with a concentration in performance are expected to participate in all departmental production auditions. Majors with a concentration in direction will stage manage at least one departmental production.

In order that full advantage may be taken of the individualized approach to the major program, it is in the best interest of the student to apply for acceptance as a major by the end of the sophomore year. In any case, no major application will be approved which does not include two full semesters of study following the submission of the proposed contract.

Although the department has no foreign language requirement beyond the general college requirement, students anticipating graduate school — particularly in the areas of theatre history, literature, and criticism — are advised to consider the undergraduate preparation in language which may be expected by graduate departments.

A theatre student handbook is available in the department office. Majors are expected to be familiar with information provided in this handbook.

COURSES FULFILLING COLLEGE GENERAL EDUCATION REQUIREMENTS:

Arts I: Theatre 101, 153

Arts II: Theatre 110, 130, some sections of Theatre 280

MINOR: 21-22 credits consisting of Acting I (Theatre 161); Play Analysis (Theatre 243); Theatre Crafts I and II (Theatre 210 and 211); one theatre history course chosen from Western Theatre History I and II and American Theatre (Theatre 301, 302 and 306); an additional 3-4 credits chosen from the following: Principles of Design (Theatre 205), Scene Design (Theatre 222), Lighting Design (Theatre 223), Costume Design (Theatre 224), Stage Management (Theatre 250), Stage Direction (Theatre 331), or a second theatre history course. The theatre student handbook, available in the theatre department office, contains further information on the theatre minor.

I. GENERAL EDUCATION

110. Acting for the Non-Major — The course will introduce the student to the creative process of acting. Through readings, discussion, class exercises and improvisations, written analyses, scene work, and viewing live theatre performances, the

THEATRE

student will recognize, understand, and participate in acting as an interactive and artistic expression of the human experience. Through his/her observation of and participation in this process, the student will gain a deeper awareness and appreciation of the challenge and value of acting. *Two Credits Staff Both Semesters*

130. Oral Interpretation of Literature — A basic course designed to develop an increased understanding and appreciation of literature while cultivating and strengthening vocal skills through the process of interpretive reading.

Two Credits Tammi Spring Semester

153. Art of the Cinema — An introductory course in film appreciation. Films viewed and critiqued in class will be approached in terms of the cultural context of each film and the filmmaker's relation to the society in which he or she lives — its values, mores, and aspirations. *Four Credits Smith Fall Semester and May Term*

389. GLCA Arts Program — The Great Lakes Colleges Association, Inc. Arts Program, in New York City, involves the student in a full semester's study in the arts. The program includes a Seminar on the Arts in which all students participate, together with individual projects which usually take the form of a professional internship. Approval by the department is required prior to the student registering for this course, and the department must approve the student's individual program before credit will be granted. The registrant must be accepted into the program by the Director of the GLCA Arts Program. The Arts Program should preferably be taken during the junior year. *Sixteen Credits (Maximum) Both Semesters*

II. PERFORMANCE AND PRODUCTION

105. Introduction to Theatre Practice — Introduction to the performance and production aspects of theatre art. Through readings, discussions, laboratory experience, and class projects, the student will become acquainted with the functions and the relation to the total production organization of the director, designers, technical director, actors, technicians, and stage manager. Course is designed primarily for the intended theatre major. Course is open only to entering freshmen.

One Credit Tammi Fall Semester

161. Acting I — An introduction to basic principles of acting and to ensemble playing. Recommended that intended performance-concentration majors enroll in the freshman year.

Four Credits Bahle Fall Semester

162. Acting II — A study of observation, sensory recall, focus, characterization, and improvisation, together with the actor's approach to script analysis, leading to the presentation of short scenes.

Four Credits Bahle Spring Semester

205. Principles of Design — This course will explore through various projects the basic design vocabulary used in set, costume, and lighting design and the basic principles, controls, and use of visual elements in design.

Two Credits Smith Spring Semester

210. Theatre Crafts I — An introduction to the fundamentals of technical production in the performing arts. Areas of study will include scenery construction, drafting, scene painting, properties, and costume construction. Students will examine the theatre plant and the collaborative process and will be provided with a solid understanding of theatre terminology. Two one-and-one-half-hour lectures and one two-hour lab per week.

Four Credits Smith, Bombe Fall Semester

211. Theatre Crafts II — Continuation of Theatre 210 as an introduction to the fundamentals of technical production in the performing arts. Areas of study will include stage management, costume construction, pattern making, lighting equipment

THEATRE

and documentation, and sound. Students will examine the processes, terminology, and techniques applicable to these areas. Two one-and-one-half-hour lectures and one two-hour lab per week. *Four Credits Bombe, Landes Spring Semester*

215. Stage Makeup — Study of the principles of makeup for the stage. Training in skills and techniques needed for understanding the application of straight, character, and fantasy makeup. Emphasis will be on facial anatomy, physiognomy, corrective makeup, skin textures, materials, modeling, analysis, special structures. Offered alternate years, 2009-10. *Two Credits Bombe Spring Semester*

222. Scene Design — An introduction to designing scenery for stage production. Course work is divided into three major areas of study: (a) history of architecture, furniture styles, and interior decor from the early Egyptians to the present day; (b) theoretical considerations in analyzing a production visually for an open theatre space; and (c) training in the techniques of sketching, painting, and model-building for set designs. Prerequisites: Theatre 210 and 211, or permission of the instructor. Offered alternate years, 2008-09. *Three Credits Smith Spring Semester*

223. Lighting Design — A study of the tools, technology, and artistic considerations of theatrical lighting. Course deals with the aesthetic problems of lighting design as the artistic effort of an individual working within a producing group. Prerequisites: Theatre 210 and 211, or permission of the instructor. Offered alternate years, 2008-09. *Three Credits Landes Fall Semester*

224. Costume Design — An introduction to the role of the costume designer in the theatre. Emphasis will be placed on developing each student's imagination, creativity, and technique in designing costumes for the theatre. Course work will include consideration of the designer's responsibilities as a visual artist, based on analysis of the script and production concept, development of techniques for analysis, historical research, and rendering. Prerequisites: Theatre 210 and 211, or permission of the instructor. Offered alternate years, 2009-10. *Three Credits Bombe Fall Semester*

243. Play Analysis — The objective in this course is to learn how to read a playscript as a work intended for stage performance. Regularly assigned written analyses will deal with such matters as structure, plot, characterization, relationships, motivation, and language. Recommended that intended theatre majors enroll in the freshman year. *Two Credits Bahle Spring Semester*

250. Stage Management — This introduction to theatre stage management will emphasize: (1) management and communication practices during the production, rehearsal, and performance periods; (2) the stage manager's role in the rehearsal process; and (3) guiding and maintaining the production in performances. This course will include in-class laboratory exercises. *Two Credits Landes Fall Semester*

256. Playwriting — Practice in the art of writing for the stage through work on selected special problems of the playwright. Whenever possible provision will be made for reading performances of work-in-progress, and in cases of exceptional merit arrangements may be made for public performance of a finished script. Offered alternate years, 2008-09. *Four Credits Tammi Spring Semester*

261. Acting III — An integrated study of voice and movement in relation to the actor's craft. The work of Shakespeare will serve as the predominant performance material. Recommended that intended performance-concentration majors enroll in the sophomore year. Prerequisites: Theatre 161 and 162, or permission of the instructor. *Three Credits Robins Fall Semester*

262. Acting IV — A continuation of Theatre 261, emphasizing the voice and movement challenges inherent in the plays of the ancient Greeks, Moliere, Restoration

THEATRE

and Georgian comedy, and Ibsen, Strindberg, and Chekhov. Prerequisites: Theatre 161, 162, 261, or permission of the instructor. *Three Credits Robins Spring Semester*

280. Theatre Laboratory — Practical experience in theatrical production through involvement as an actor, technician, or assistant stage manager in a departmental major production. The amount of credit to be granted will be determined by the number of hours required for the particular assignment as agreed upon by student and instructor: minimum of 40 hours for one credit, 80 hours for two credits. Prerequisite: casting by the director, or acceptance on a production crew by the technical director and permission of the instructor. *One or Two Credits Staff Both Semesters*

295. Studies in Theatre — Instruction in specific performance or production techniques, such as furniture design, mime, stage combat, musical theatre, and special problems in acting. Each class will be limited to one such performance or production area. Frequency of course offering is determined by student demand and by availability of theatre specialists or guest artists. Prerequisite: permission of the instructor.

One or Two Credits

331. Stage Direction I — A basic course in the principles of textual analysis, design collaboration, rehearsal process, and communication skills for the director in proscenium, thrust, and arena staging. Prerequisites: Theatre 161 or equivalent, and Theatre 210 and 211, or permission of the department.

Three Credits Robins Fall Semester

332. Stage Direction II — A continuation of Theatre 331. Each student will produce at least one one-act play. Prerequisite: Theatre 331, or equivalent.

Two Credits Tammi Spring Semester

361. Acting V — An advanced acting course, Acting V will focus on a particular facet of acting that may vary from semester to semester and will remain responsive to students' needs and interests. These classes will incorporate a combination of acting/technique exercises, written analytical work, and scene work. Prerequisites: Theatre 161, 162, 261, 262. Offered alternate years, 2008-09. May be taken more than one time.

Two Credits Staff Spring Semester

375. Musical Theatre Workshop A — Forming the initial segment of a two-semester workshop in musical theatre performance, this course will focus on the selection and preparation of solo and duet material, culminating in performance assessment by a professional guest evaluator or divisional jury. Offered alternate years, 2009-10.

Two Credits Dykstra, Tammi Fall Semester

376. Musical Theatre Workshop B — A continuation of Theatre 375, this capstone workshop will provide performance students the opportunity to synthesize experiences in music, dance, and acting. Drawing material from genres of musical theatre appropriate for each individual, students will develop a "song book" portfolio and a musical theatre audition. Guest coaches and artists representing the musical theatre profession will conduct intense workshops. The course will culminate in a showcase presented at the end of the spring semester. Offered alternate years, 2009-10.

Two Credits Dykstra, Tammi Spring Semester

380. Advanced Theatre Practicum — Specialized study of a particular production aspect of a play in performance. The student will be assigned to a departmental production as assistant director, assistant designer, or stage manager. A report, the form of which is to be governed by the nature of the project, will be submitted to the project supervisor. Registration is restricted and requires departmental approval. Ordinarily, no student will be permitted to register for practicum who has not taken basic

THEATRE

course work in the particular area. Prerequisite: application to the department.

One, Two or Three Credits Staff Both Semesters

381. Summer Theatre Laboratory — An integral part of the Hope Summer Repertory Theatre program, the course will concentrate on a consideration of the interrelated problems of play production. Aspects to be covered include script and character analysis, production planning and design, construction procedures and techniques, and management. Course may be taken for a maximum of six credits (i.e., two summer sessions). Prerequisites: acceptance into the summer theatre company, and permission of the instructors.

Three Credits Staff Summer Session

490. Independent Studies in Theatre — Independent work for the advanced student in one of the following areas: directing, acting, scene design, costuming, lighting, sound, playwriting, theatre or film criticism, theatre management. Course is offered on a selective basis, by permission of the department. The student must submit *in writing on a form available from the department office* a project proposal for departmental approval during the previous semester and prior to registration for the course.

One, Two or Three Credits Staff Both Semesters

III. HISTORY AND THEORY

296. Special Topics in Theatre — Study of an area of theatre or film history, literature, theory, or criticism not specifically covered in the regular departmental offerings. Offered occasionally as warranted by student and faculty interest. Prerequisite: permission of instructor.

Two or Three Credits

301. Western Theatre History I — Plays, theatre, and theatre performances reflect the cultural, political, and spiritual climate of the particular epoqe in which they are created. By surveying Western theatre from the ancient Greeks through the 17th century, the course will attempt to make contact with the theatre of those distant times and places, to understand the forces and conventions that shaped past theatrical creation, and to examine the viable connection between the spirit and practice of our theatre past and the spirit and practice of our contemporary theatre world.

Four Credits Tammi Fall Semester

302. Western Theatre History II — As a continuation of Western Theatre History I, this course will survey theatre from the late 17th century to the present (excluding American drama). Offered alternate years, 2009-10.

Four Credits Robins Spring Semester

306. American Theatre — A study of theatre in the United States from colonial times to the present. Emphasis will be placed on contemporary developments, beginning with O'Neill and the Provincetown Playhouse. Offered alternate years, 2008-09.

Four Credits Tammi Spring Semester

495. Seminar in Theatre — Intensive study of the work of a playwright, critic, or specific movement in or period of theatre history. Past topics have included Moliere, Strindberg, American scene design, Tennessee Williams, the Moscow Art Theatre, and modern directing theories and practices from Artaud to the present. Prerequisite: permission of the instructor.

Two or Three Credits

499. Readings in Theatre — Readings, under the tutorial supervision of an instructor assigned by the department chairperson, in a specialized or advanced area of theatre studies. Prerequisite: permission of the instructor.

Two or Three Credits Staff Both Semesters

WOMEN'S STUDIES



Faculty: Ms. Dandavati, Director; Ms. Bade, Mr. Bell, Ms. Dickie, Ms. Dorado, Ms. Dykstra, Ms. Gibbs, Ms. Housel, Ms. Janzen, Ms. Japinga, Ms. Johnston, Ms. Kipp, Ms. Larsen, Mr. Luidens, Mr. Montañó, Ms. Petit, Ms. Simon*, Ms. Swanson, Ms. Vandervelde, Ms. Young.

Hope College prepares students to become informed and active members of the global community. This process includes understanding and valuing the achievements of diverse women in society. The women's studies minor and major serve this purpose. Beyond this, women's studies transforms the sense of self (identifying multiple structures that define us) and transforms the relationship with the world (encompassing complexity, diversity and difference). The goals of women's studies are for students to 1) link their intellectual and experiential lives; 2) feel empowered by the content of women's studies; 3) recognize and value complexity, diversity and difference; 4) recognize and create interconnections through interdisciplinary learning; 5) exercise social responsibility through action.

WOMEN'S STUDIES MAJOR: The women's studies major consists of 32 credits. All students must take 16 credits of core courses, which are WS 160 (Global Feminisms), WS 200 (Introduction to Women's Studies), WS 350 (Visions for Justice: Feminist Theory and Methodology), and WS 494 (Keystone Seminar). The remaining 16 credits are obtained by choosing classes from a list of cross-listed courses, with at least one course from each of the two blocks, A and B, listed below.

MINOR: The women's studies minor consists of 20 credits. All students take WS 200 (Introduction to Women's Studies) and choose two out of the three following core courses: WS 160 (Global Feminisms), WS 350 (Visions of Justice: Theory and Methodology), and WS 494 (Keystone Seminar). The remaining 8 credits are obtained by choosing classes from cross-listed courses, with at least one course from each of the two blocks, A and B, listed below.

Please note: as of the 2008 fall semester, Global Feminisms will fulfill the General Education requirement S1B and be listed as POL 160 and cross-listed with Women's studies as WS 160.

Additional resources include study in off-campus women's studies programs and internships.

The courses below are described in the catalog under the discipline to which they refer. Often other courses may be offered that fulfill the major or minor. Check the class schedule under women's studies or contact the director of women's studies. To declare the major or minor, see Professor Annie Dandavati, director.

Block A

ENG 373 or WS 373. *The Liar in Literature*

Four Credits Janzen Once Every Two Years

ENG 373 or WS 373. *Telling Lives*

Four Credits Dykstra Once Every Two Years

ENG 373 or WS 373. *Women on Trial in 18th and 19th Century British Literature*

Four Credits Kipp Once Every Two Years

ENG 375 or WS 375. *19th and 20th Century British Women Writers*

Four Credits Kipp Once Every Two Years

ENG 375 or WS 375. *Latina Novels*

Four Credits Montañó Once Every Two Years

ENG 480 or WS 480. *Introduction to Literary Criticism: Feminist Theories*

Four Credits Kipp Once Every Two Years

*Sabbatical Leave, Fall Semester 2008

WOMEN'S STUDIES

- French 342 or WS 395-03. French Society from the Revolution to the 21st Century
Four Credits Larsen Alternate Falls (2008, 2010)
- French or WS 495-01. Early Modern French Literature and Culture
Four Credits Larsen Every Third Semester
- HIST 200 or WS 295-01A. Women in Early Modern Europe
Four Credits Gibbs Varied
- HIST 285 or WS. 285 Women in Antiquity
Four Credits Bell Spring Odd Years (2009, 2111)
- HIST 352 or WS. 352 U.S. Women and Social Change
Four Credits Petit Fall Even Years (2008, 2010)
- HIST 357 or WS. 395-01 U.S. Intellectual History: Ideas of Race, Class and Gender
Four Credits Petit Fall Odd Years (2007, 2009)
- REL 260 or WS 236. Christian Feminism
Four Credits Japinga
- REL 349 or WS 395. Women in American Religious History
Four Credits Japinga
- REL 366 or WS 366. Feminist Theology
Four Credits Japinga
- Spanish 494 or WS 495. Lit. Sem.: Spanish Narrative by Women 20th Century Spain
Four Credits Dorado Once Every Two Years
- PHIL 295 or WS 295. Sexual Ethics
Two Credits Simon Once Every Two Years

Block B

- COMM 371 or WS 371. Intercultural and Gender Communication
Four Credits Johnston Once a Year
- COMM 470 or WS 470. Cultural Communications Theory
Four Credits Housel Once a Year
- POL 295 or WS 295. Gender, Islam and Democracy
Two Credits Dandavati Once Every Year
- POL 340 or WS 340. Women and the Law
Four Credits Vandervelde Spring Semester
- PSYCH 380 or WS 380. Psychology of Women
Four Credits Dickie Once a Year
- PSYCH 395 or WS 395. Peace and Gender
Two Credits Dickie
- PSYCH 395 or WS 395. Human Sexuality
Four Credits Bade Once a Year
- SOC 271-272 or WS 271-272. Sociology of Gender
Two Credits Swanson, Luidens Spring Semester

160. Global Feminisms — This course seeks to investigate the broad spectrum of women's movements that thrive across the developing world. Particular emphasis will be laid on globalization and development as well as women's interaction with neo-liberal economics. Third World feminist and womanist theories will be examined. The students will also encounter the impact that culture plays on women in the developing world. (Cross-listed with Political Science 160)

Four Credits Dandavati, Dickie Both Semesters

WS 200. Introduction to Women's Studies — Whereas historically women have been studied as outsiders or objects, this course will study women as subjects. Through readings and extensive discussion participants will explore and assess the underlying assumptions in scientific and pseudo-scientific, academic and popular theories about gender. We will explore the effects of sexism and prejudicial attitudes on women and men. We will assess the validity of biological, psychological, sociological, anthropological and biblical explanations for gender asymmetry (why men have historically had more privilege and power). Participants will be encouraged to examine their own lives and empowered to teach and learn from one another.

Four Credits Dickie, Kipp, Petit, Young Both Semesters

WOMEN'S STUDIES

295. Special Topics

350. Feminist Visions of Justice: Theories and Methods in Action — Doing something about an issue or problem requires an understanding, called theory, and a methodology to bring about change. Women's Studies is based in women's movements, in women's lives and actions, and in feminist analysis around the globe. This course looks at feminist visions for justice and invites students to examine their own theories and methods of actions in light of current issues in women's studies, including: globalization, anti-racist and anti-heterosexist critical theory, generational shifts in second and third wave feminisms, and other contemporary issues.

Four Credits Dickie, Staff Once a Year

395. Special Topics

396. Special Off Campus Topics Independent Projects

WS 490. Independent Projects — An in-depth, independent study of women, women's issues or other topics analyzed from a feminist perspective or a project designed to bring about systemic changes to encourage, support or advance women or gender equality.

Variable Credit Dandavati, Staff

WS 494. Keystone Seminar — A course designed to examine feminist perspectives in practice and support projects on women's issues or internships.

Four Credits Dickie, Kipp Once a Year

WS 495. Advanced Studies — A special topics course offered at an advanced level.

WS 496. Internship Program in Women's Studies — An internship in women's studies with the Philadelphia Center, Washington Semester, Chicago Semester, or a placement in the West Michigan area approved by the director of women's studies. Placement is coupled with a feminist analysis of the internship site and the student's experience.

Variable Credit Dandavati, Staff



OFF-CAMPUS STUDY OPPORTUNITIES

Hope College has long recognized the value of offering its students a wide range of off-campus study opportunities, both domestic and international. These are available to qualified students through exchange programs and the college's membership in a number of consortiums. These include the Great Lakes Colleges Association, Inc. (GLCA), a Michigan non-profit corporation, which cooperates with the Associated Colleges of the Midwest (ACM) to sponsor additional programs, and for other overseas programs: the Institute for the International Education of Students (IES) and the Council on International Education Exchange (Council). Additionally we offer a world-wide range of field-based programs through the School for International Training (SIT), direct enrollment in a range of Australian and New Zealand universities through AustraLearn (AL), and a Global Stewardship Study Program (GSSP) in Belize. Semester and year-long opportunities for off-campus study are available in virtually every part of the globe. May, June and July terms offer short term options.

All off-campus programs, independent of length, subject matter, or location, fall into one of the following two categories:

1. *Official Hope College Programs* Hope College exercises direct or indirect academic and administrative control over these programs. Students who participate in these are screened by the Off-Campus Programs Admissions Committee and they remain enrolled at Hope College. It is the responsibility of students to demonstrate to the Off-Campus Programs Admissions Committee that they have made prior arrangement with the campus administrator and/or the academic departments concerned for the awarding of credit. Once the student is off-campus, it is the continuing responsibility of the student to communicate any program changes to the chairperson of the department from which credit is expected. Students in these official programs continue to receive administrative support and will be regarded as regular Hope College students in all respects. They are entitled to retain financial aid and to have grades and credit earned recorded on their Hope College transcript.
2. *Non-Official Programs* Students may, of course, enroll in other programs over which Hope College does not exercise administrative or academic control. In the case of overseas programs, the International Education Office is ready to provide information. It is important to note that students enrolling in one of these programs are, in practical terms, withdrawing from the college. This means that they do not need the permission of the Off-Campus Programs Admissions Committee in order to participate. However, they also lose the right to use Hope College financial aid awards and any credit earned will be treated as transfer credit. Students considering participation in one of these programs should consult their departmental advisor in order to determine whether or not transfer credit is likely to be accepted. Upon completion of such a program, students who intend to return to Hope College need to apply for readmission.

The programs described on the following pages are currently included in the first category, official programs.

SPECIAL ACADEMIC PROGRAMS

OVERSEAS STUDY OPPORTUNITIES

As part of the overall program in International Education at Hope College, the International Education Office offers information and assistance to all students interested in study abroad. Applications and detailed descriptions of the programs outlined below are available from the International Education Office which is located in the Paul G. Fried International Center.

Students planning to participate in either **domestic or international** off-campus study programs should note the following:

- Enrollment restrictions apply to off-campus study programs during the Spring Semester but not the Fall Semester. Students are therefore strongly encouraged to participate in off-campus study during the Fall Semester. Planning to study in any off-campus program during either semester should begin, if possible, in the student's freshman year. Planning is especially important for students desiring to study off campus during the Spring Semester. Enrollment restrictions during the Spring Semester may mean that study in an off-campus program will not be approved for everyone who applies, so Fall Semester alternatives need to be considered. Such planning will normally enable qualified students to participate in their program of choice.
- The college annually reviews its policy regarding the types and amounts of institutional financial aid (Hope scholarships and grants) that can be applied to the costs of off-campus study programs. Students should inquire at the Office of Financial Aid to determine which types of institutional financial aid are transportable to their off-campus study programs.

SEMESTER AND YEAR PROGRAMS

Qualified Hope students can study in Africa, Asia, Australia/New Zealand, Europe, North America and South America. They can do so through a variety of exchange programs, direct entry into universities and at sponsored study centers. Hope has exchange programs with universities in England, Japan and Mexico. Each year Hope students study on campuses in Liverpool, Tokyo, Yokohama and Querétaro while students from universities in these cities study at Hope. Direct entry university programs are available in countries such as Argentina, Australia, Chile, England, Kenya, New Zealand, Scotland and Senegal. Also readily available are opportunities to take courses in US sponsored study centers while taking one or two courses in local universities. Students may also participate in specialized programs in countries from Cuba and the Czech Republic to Mali and Mongolia that focus on issues related to the arts, biodiversity, culture, development, gender, ecology, identity, resource management, and social justice.

STUDY ABROAD PROGRAMS

AFRICA

Botswana

- SIT Gaborone: Ecology and Conservation
- CIEE Gaborone: University of Botswana

Cameroon

- SIT Dschang/Yaounde: Culture and Development

SPECIAL ACADEMIC PROGRAMS

Ethiopia

- SIT Addis Ababa: Sacred Traditions and Visual Culture

Ghana

- SIT Accra/Kumasi: Arts and Culture
- SIT Cape Coast: History and Culture of the African Diaspora
- CIEE Legon

Kenya

- Kalamazoo College Nairobi
- SIT Nairobi: Development, Health, and Society
- SIT Mombasa: Swahili Studies and Coastal Studies

Madagascar

- SIT Antananarivo: Culture and Society
- SIT Fort Dauphin: Ecology and Conservation

Mali

- SIT Bamako: Gender and Development

Morocco

- SIT Rabat: Culture and Society
- CIEE Rabat

Senegal

- CIEE Dakar
- Kalamazoo College Dakar
- SIT Dakar: Arts and Culture

South Africa

- CIEE Cape Town: Service-Learning
- CIEE Cape Town: Arts and Sciences
- SIT Cape Town: Multiculturalism and Social Change
- SIT Durban: Reconciliation and Development
- SIT Port Elizabeth: Public Health
- CIEE Stellenbosch: Arts and Sciences

Tanzania

- SIT Arusha: Wildlife Ecology and Conservation
- ACM Dar es Salaam: Nation Building and Development
- ACM Dar es Salaam: Studies in Human Evolution and Ecology
- SIT Island de Zanzibar: Coastal Ecology

Uganda

- SIT Kampala: Development Studies

ASIA

China

- CIEE Beijing
- IES Beijing
- CIEE Nanjing
- CIEE Shanghai
- SIT Yunnan Province: Language and Cultures

India

- SIT Dharamsala: Tibetan Studies
- IES Delhi
- CIEE Hyderabad
- SIT Jaipur: Arts and Culture

SPECIAL ACADEMIC PROGRAMS

- ACM Pune

Indonesia

- SIT Bali: Arts and Culture

Japan

- IES Nagoya
- ACM Tokyo
- CIEE Tokyo
- Earlham College: Japan Study Program at Waseda University
- IES Tokyo
- Hope College at Meiji Gakuin University
- Hope College at Ferris University

Mongolia

- SIT Ulaanbaatar: Culture and Development

Nepal

- SIT Kathmandu: Culture and Development

South Korea

- CIEE Seoul

Taiwan

- CIEE Taipei

Thailand

- CIEE Khon Kaen: Development and Globalization

Vietnam

- CIEE Hanoi
- SIT Ho Chi Minh City: Culture and Development
- SIT Mekong Delta: Natural and Cultural Ecology

AUSTRALIA, NEW ZEALAND, AND SOUTH PACIFIC

Australia

- AL Adelaide: University of Adelaide
- AL Adelaide: University of South Australia
- IES Adelaide
- AL Brisbane: Griffith University
- AL Brisbane: Queensland University of Technology
- AL Brisbane: University of Queensland
- SIT Byron Bay: Sustainability and the Environment
- AL Cairns: James Cook University
- SIT Cairns: Natural and Cultural Ecology
- AL Canberra: Australian National University
- AL Canberra: University of Canberra
- AL Gold Coast: Bond University
- AL Gold Coast: Griffith University
- AL Hobart: University of Tasmania
- AL Lismore: Southern Cross University
- AL Melbourne: La Trobe University
- AL Melbourne: Monash University
- AL Melbourne: University of Melbourne
- IES Melbourne
- SIT Melbourne: Identity and Public Policy in a Multicultural Society
- AL Newcastle: University of Newcastle

SPECIAL ACADEMIC PROGRAMS

- AL Perth: Edith Cowan University
- AL Perth: Murdoch University
- CIEE Perth
- AL Rockhampton: Central Queensland University
- AL Sydney: Macquarie University
- AL Sydney: University of New South Wales
- AL Sydney: UTS
- AL Sydney: International College of Management
- CIEE Sydney: Macquarie University
- CIEE Sydney: University of Sydney
- IES Sydney
- AL Townsville: James Cook University
- AL Wollongong: University of Wollongong
- CIEE Wollongong

New Zealand

- AL Auckland: Auckland University of Technology
- AL Auckland: University of Auckland
- IES Auckland
- AL Christchurch: Lincoln University
- AL Christchurch: University of Canterbury
- IES Christchurch
- AL Dunedin: University of Otago
- AL Hamilton: University of Waikato
- AL Palmerston North: Massey University
- Creation Care South Pacific
- AL Wellington: Massey University
- AL Wellington: Victoria University of Wellington

Fiji/Samoa

- SIT Suva: Multiculturalism and Social Change
- AL Suva: University of the South Pacific
- Creation Care South Pacific
- SIT Apia: Pacific Island Studies

EUROPE

Austria

- IES Vienna

Belgium

- CIEE Brussels

The Balkans/Central Europe

- SIT The Balkans: Gender, Transformation, and Civil Society

Czech Republic

- ACM Olomouc: Central European Studies
- CIEE Prague
- CIEE Prague: Film Studies
- SIT Prague: Arts and Social Change

France

- IES Nantes
- CIEE Paris: Critical Studies
- CIEE Paris: Contemporary French Studies
- IES Paris

SPECIAL ACADEMIC PROGRAMS

- CIEE Rennes
- SIT Toulouse: Cultural Integration and the New Europe
- SIT Toulouse: Intensive Language and Culture

Germany

- IES Berlin
- IES Berlin and Central Europe: Nationalism, Ethnicity and Culture
- IES Freiburg
- IES Freiburg: European Union

Greece

- College Year in Athens

Hungary

- CIEE Budapest
- St. Olaf Budapest: Semester in Mathematics

Ireland

- IES Dublin
- CIEE Dublin: DBS School of Arts
- CIEE Dublin: Dublin City University
- SIT Dublin: Peace and Conflict Studies

Italy

- CIEE Ferrara: Language and Culture
- CIEE Ferrara: Liberal Arts
- ACM Florence
- ACM Florence and London: Arts in Context
- IES Milan
- IES Rome
- IES Siena

The Netherlands

- CIEE Amsterdam
- IES Amsterdam
- SIT Amsterdam: Sexuality, Gender, and Identity
- Central College Leiden

Poland

- CIEE Warsaw Portugal
- CIEE Portugal: Universidad de Nova de Lisboa

Russia

- ACM Krasnodar
- CIEE Saint Petersburg: Russian Language
- CIEE Saint Petersburg: Russian Area Studies
- SIT Saint Petersburg/Irkutsk: Ethnic and Cultural Studies

Spain

- CIEE Alcala
- CIEE Alicante: Language and Culture
- CIEE Alicante: Language in Context
- CIEE Alicante: Liberal Arts
- CIEE Barcelona: Advanced Liberal Arts
- CIEE Barcelona: Liberal Arts
- CIEE Barcelona: Business and Culture
- IES Barcelona
- IES Granada

SPECIAL ACADEMIC PROGRAMS

- SIT Granada: Language, Community and Social Change
- CIEE Madrid
- IES Madrid
- CIEE Palma de Mallorca: Business and Tourism
- IES Salamanca
- CIEE Seville: Advanced Liberal Arts
- CIEE Seville: Business and Society
- CIEE Seville: International Business and Language
- CIEE Seville: Language and Society
- CIEE Seville: Liberal Arts
- CIEE Seville: Teaching Development

Switzerland

- SIT Nyon/Geneva: International Studies, Organizations, and Social Justice

The United Kingdom

- Wabash College: The Scotland Program at the University of Aberdeen
- Wabash College: York St. John University College
- Hope College at Liverpool Hope University
- ACM: London, England and Florence, Italy: Arts in Context
- CIEE London: Goldsmiths College, University of London
- CIEE London: School of Oriental and African Studies
- CIEE London: University College London
- CIEE London: University of Westminster
- IES London: London Standard Program
- IES London: London Direct Enrollment Program

MIDDLE EAST

Jordan

- CIEE Amman: Language and Culture; Advanced Arabic Language
- SIT Amman: Modernization and Social Change

Oman

- SIT Muscat: Diplomacy, Development, and Identity in the Middle East

Turkey

- CIEE Ankara
- Global Partners Ankara/Istanbul

SOUTH AMERICA

Argentina

- CIEE Buenos Aires
- IES Buenos Aires
- SIT Buenos Aires: Social Movements and Human Rights
- SIT Buenos Aires: Southern Cone: Regional Integration, Development and Social Change

Belize

- Creation Care Belize

Bolivia

- SIT: Cochabamba: Cultural and Social Development

Brazil

- SIT: Belem: Amazon Resource Management and Human Ecology
- SIT Fortaleza: Culture, Development, and Social Justice

SPECIAL ACADEMIC PROGRAMS

- SIT Salvador: Public Health and Community Welfare
- CIEE Salvador De Bahia
- CIEE Sao Paulo

Chile

- CIEE Santiago
- IES Santiago
- SIT Santiago: Economic Development and Globalization
- CIEE Valparaiso
- SIT: Valparaiso: Culture, Development, and Social Justice

Costa Rica

- CIEE Monteverde: Tropical Ecology and Conservation
- ACM San Jose: Latin American Culture and Society
- ACM San Jose: Tropical Field Research

Dominican Republic

- CIEE Santiago
- CIEE Santo Domingo

Ecuador

- IES Quito
- SIT Quito: Comparative Ecology and Conservation
- SIT Quito: Culture and Development

Jamaica

- SIT Kingston: Gender and Development

Mexico

- Earlham College Ciudad Juarez: Border Studies
- CIEE Guanajuato: Language and Culture
- CIEE Guanajuato: Liberal Arts
- SIT Oxaca: Grassroots Development and Social Change
- Hope College Querétaro

The Netherlands Antilles

- CIEE Bonaire: Tropical Marine Ecology and Conservation

Nicaragua

- SIT Managua: Revolution, Transformation, and Civil Society

Panama

- SIT Panama City: Development and Conservation

Peru

- SIT Cuzco: Literature, Arts, and Culture

Southern Cone

- SIT Argentina, Brazil, Paraguay, and Brazil: Regional Integration, Development, and Social Change

MAY, JUNE AND SUMMER STUDY ABROAD OPPORTUNITIES

Short-term study abroad programs are available during the four-week May, June and July Terms. Off-campus May and June term courses are generally announced toward the end of fall semester with registration and program deposits required early in the spring semester. Students should consult with the Registrar's office for further information about these sessions.

SPECIAL ACADEMIC PROGRAMS

THE HOPE COLLEGE VIENNA SUMMER SCHOOL

Established in 1956 as one of the first American programs in Austria, the Hope College Vienna Summer School annually offers a regular summer session in Europe designed specifically to meet the needs of Hope College students, but also open to qualified applicants from other institutions.

Academic Work in Vienna: The academic program consists of two consecutive three-week sessions which offer a choice of work in Art History, Communication, Senior Seminar, Economics, Austrian History, Music History, German and Austrian Literature, Eastern European Literature — all taught in English — as well as courses in German language, taught in German. European instructors in the program emphasize those aspects of their respective fields which can best be studied in the European location. Attendance at concerts, visits to museums, and field trips are included in the various course requirements. Students receive Hope College transcripts and credits for work completed in Vienna.

Residence in Austrian Homes: While in Vienna students are housed with Austrian families, most of whom live in city apartments. Students are free to plan their leisure time and to participate in planned weekend excursions to places such as Salzburg, Venice, Budapest, Prague, and the Austrian Alps.

Independent Travel: Students are free to make their own transatlantic travel arrangements allowing them to include free time both before and after the academic sessions in Vienna.

INTERNATIONAL INSTITUTIONAL LINKAGES

LIVERPOOL HOPE UNIVERSITY, ENGLAND

Through a reciprocal exchange program, Hope College and Hope Liverpool University exchange students for a semester or academic year of study. Students going to Liverpool Hope University have a full range of courses available to them in Management & Accounting, English, Environmental & Biological Studies, History, Information Management & Computer Science, Psychology, Sociology, Theatre, and Theology. Liverpool Hope University students also have full access to all Hope College courses.

FERRIS UNIVERSITY, JAPAN

Since 1989, students from Ferris University spend a study-abroad year at Hope College, and opportunities exist for Hope students studying Japanese to study at Ferris University in Yokohama, Japan.

MEIJI GAKUIN UNIVERSITY, JAPAN

For 40 years Hope College and Japan's Meiji Gakuin University have been associated in a plan for international cooperation in education through mutual exchange of students and faculty. Founded in 1877 by the Presbyterian and Reformed Church missions of the United States, Meiji Gakuin University has a student body numbering approximately 14,000 at its Tokyo and Yokohama campuses. Through a summer program established in 1965, over 500 Japanese students have come to the U.S. to study "Contemporary America." Beginning in 1980 this program has since evolved into a bilateral exchange through which Hope students study at Meiji Gakuin University in Tokyo and Japanese students study at Hope College.

SPECIAL ACADEMIC PROGRAMS

TECHNOS COLLEGE, JAPAN

Technos College of Tokyo, Japan, and Hope College have since 1992 offered special opportunities for the students of both institutions to learn more about each other's countries.

UNIVERSIDAD AUTÓNOMA DE QUERÉTARO, MEXICO

Since the mid-1990s Hope College has worked on a special relationship with the Universidad Autónoma de Querétaro (UAQ) in Querétaro, Mexico. In the ensuing years, Hope students have attended both semester and May/June term courses at the UAQ for intense Spanish courses and to learn about Mexican culture, society and the arts.

DOMESTIC STUDY OPPORTUNITIES

THE NEWBERRY LIBRARY PROGRAM IN THE HUMANITIES

The Newberry Library Program in the Humanities enables students and faculty to tap the extraordinarily rich resources of the Newberry Library in a semester-length fall seminar, several month-long seminars in winter, spring independent study at any time after December, and occasional internships. The Newberry Library, founded in 1887, is a privately endowed research library located on Chicago's Near North side. Over one million volumes and six million manuscripts comprise its strong general collection of Western history and the humanities from the Middle Ages to the early twentieth century. Special collections concentrate on linguistics, the American Indian, Chicago history and culture, the Renaissance, the history of cartography and printing, and the history and theory of music. The Humanities program is jointly sponsored by the Great Lakes Colleges Association, Inc. (GLCA) and the Associated Colleges of the Midwest (ACM). Recent seminar topics have included Herman Melville; American Dissent from 1870 to Present; The Concept of Revolution; Cultural Ideals and Realities in History and Literature; and Play and Society in Literature and History. For further information, consult Professor William Pannacker in the Department of English.

THE ARTS PROGRAM IN NEW YORK

The New York Arts Semester offers rich opportunities for the student seriously interested in art, music, dance, communications, English or theatre. The program gives the student ready access to vast numbers of original works of art, to a variety of dramatic and musical events, and to special collections of research materials. Students participate, through apprenticeships or less formal means, in the milieu of the professional artist to better understand the intentions, the problems, and the means of the arts.

The more imaginative the student's research project, the more likely it is to engage the attention of those responsible for rare archival holdings. Those with special interest in turn-of-the-century architecture can, for example, profitably study carvings and architectural fragments being collected by the Anonymous Art Society as more and more of the City's brownstones are destroyed. Or a history or economics major working on the Depression can, for instance, utilize photographic documents of the era in the collection of the Museum of Modern Art. Interested students should consult Professor Tammi in the Department of Theatre.

SPECIAL ACADEMIC PROGRAMS

NEW YORK CENTER FOR ART AND MEDIA STUDIES (NYCAMS)

NYCAMS is located within walking distance from some of the most prestigious museums and galleries of the world. In addition to these cultural resources, internships with internationally renowned artists, galleries and institutions provide students with unique opportunities to experience and engage professionally in the arts.

The program provides an academically challenging and structured environment, where young artists will both encounter contemporary trends in the visual arts and learn how to engage the culture with their faith and creativity. It is designed for art majors. Students should consult Professor Steve Nelson in the Department of Art for further information.

THE OAK RIDGE SCIENCE SEMESTER

This program allows qualified majors in natural sciences, social sciences, mathematics, or computer science to spend one semester at one of the world's major research centers, Oak Ridge National Laboratory in Tennessee. Students spend 40 hours per week in research as assistants to Oak Ridge scientists. They also take one senior level course and participate in an interdisciplinary seminar, both led by GLCA faculty. Each student receives 16 credits under Interdisciplinary Studies for participation in this program which provides an opportunity to work with outstanding scientists and sophisticated equipment on important energy-related research. For further information, consult Professor Bill Mungall in the Department of Chemistry.

OREGON EXTENSION

The Oregon Extension is a fall semester option for students seeking to earn 16 credits in the humanities and the social and natural sciences. During the course of the program, students participate in four one-month segments focusing on Contemporary Issues, Social Thought, Human Stories, and Living Faith. The courses are interdisciplinary and the individualized, guided-study format allows maximum flexibility in meeting students' true interests. Students live in community in a refurbished logging town in the southern Oregon Cascades. For more information, please contact Professor Jim Allis in the Department of Philosophy.

THE PHILADELPHIA CENTER

The Philadelphia Center is managed by Hope College and is recognized by the GLCA, Inc. Students receive a full semester of credit from Hope for their experience in Philadelphia. The program provides opportunities for professional exploration, intellectual development, and personal growth in the heart of one of America's largest and most dynamic cities. Students will enjoy career-building internships, academic coursework, and facilitated city living.

Each fall and spring semester, 75-100 liberal arts students from across the country participate in the program. Students take part in The Philadelphia Center's unique Housing and Placement Processes to find the apartment and internship that best fits their needs. Students will create a Learning Plan that provides the structure for integrating work experience with educational, social, and professional development objectives.

Students earn 16 credits (8 internship, 4 City Seminar, 4 elective) for the 16-week semester-long program. Many of The Philadelphia Center's classes will substitute for specific Hope College core courses and major or minor requirements. Visit Hope's Office of the Registrar for more information.

The Philadelphia Center also offers Learning Work, an eight-week summer program designed to accommodate students who are unable to attend the full-semester pro-

SPECIAL ACADEMIC PROGRAMS

gram. With the help of their Philadelphia Center advisor, students will be pre-placed in their internships and will be provided with an apartment for the duration of the program. Students will receive 8 credits for Learning Work.

For more information, please contact The Philadelphia Center directly at 215-735-7300 or visit www.philactr.edu. The program's Resource Book and Placement Directory can be found in the offices of the program's on-campus representatives: James Herrick and Linda Koetje, Department of Communication; Patricia Roehling, Department of Psychology; Tom Smith and Vicki TenHaken, Department of Economics, Management, and Accounting; Jon Huiskens, Registrar. Copies are also available in the offices of Career Services and International Education.

THE CHICAGO SEMESTER

The Chicago Semester program offers students a distinctive opportunity to work in a large metropolitan city and to study problems and issues of metropolitan life in a fully accredited, supervised educational program. The staff of the Chicago Semester consists of people who combine academic training and experience with years of living and working in the metropolitan environment. The result is an unusual concern for college students and the metropolitan city.

Up to 16 credits can be earned through the program. A large number of internships are available to students through the Chicago Semester. Students with almost any major interest can find work placements that are suitable to their vocational plans. The range of possibilities covers art centers, banks, churches, drama groups, ecology labs, social work, accounting firms, physical therapy, library work, museums, zoos, urban renewal and planning, youth recreation and x-ray technology. Work internships are supervised on the job and by Chicago Semester staff members.

The Values and Vocations Seminar fulfills the Hope College Senior Seminar requirement. All other courses are electives and do not fulfill general education or departmental requirements unless special arrangements are made with specific departments.

For further information, consult Professor Sander de Haan, Department of Modern and Classical Languages.

WASHINGTON HONORS SEMESTER PROGRAM

The Washington Honors Semester Program enables superior students from all disciplines to study in Washington, D.C., and to apply knowledge of their area as it relates to government and politics. Select junior and senior students will take a seminar on American government and politics; participate in group interviews with congressmen and legislative staff, executives, lobbyists, political party officials, and journalists; intern for two six-week periods in Congress, the executive branch, or with political interest groups; and prepare extensive research papers upon their semester's work. For further information, contact Professor David Ryden.

ON-CAMPUS STUDY OPPORTUNITIES

OPPORTUNITIES FOR TALENTED STUDENTS

Students who come to Hope with exceptional academic backgrounds and/or exceptional high school academic performance may wish to consult with their advisors about ways in which their academic potential may be developed to the fullest extent. Credit by examination via AP, CLEP, or departmental exams or waivers of general education courses or introductory-level courses can be gained in order to avoid repetitive learning and in order to insure placement at the proper course level in fields

SPECIAL ACADEMIC PROGRAMS

where they may have advanced standing. Further, independent study and research, both at the underclass and upperclass level, may be pursued to fully develop a student's interest in a particular topic. In many departments, completely individualized study or upper level tutorials are open to superior students in either the junior or senior year.

In several departments, notably biology, chemistry, geological and environmental sciences, mathematics, physics and engineering, and psychology, opportunity is provided for talented upperclass majors to participate in summer research carried on by staff members. Students chosen take part in important research and under foundation research grants receive stipends for this work.

THE PHELPS SCHOLARS PROGRAM

The Phelps Scholars Program is a multicultural program available to first-year Hope students from all racial/ethnic backgrounds, designed to facilitate an enjoyable transition to Hope College and provide the foundation for four productive years as members of our student body. Phelps Scholars are students who aspire to Hope's high standards of academic excellence; participate fully in the life of the college community; and develop skills, attitudes, and values that prepare them for lives of leadership and service in a culturally diverse society.

Phelps Scholars explore "a world of difference" in class and in co-curricular workshops at Hope College. The world students enter after college is filled with people from many different backgrounds who hold many different views. The Phelps Scholars Program prepares students to succeed and to thrive in that world.

1. The Phelps Scholars community — student, faculty, and staff — represents a rich mix of cultural backgrounds. Living together in the same residence hall, Phelps Scholars get first-hand experience in developing meaningful relationships with a wide variety of people.
2. Phelps Scholars take courses in which they study cultural diversity issues. In the fall, their first-year seminar focuses on a diversity-related topic. In the spring, they enroll in Encounter with Cultures, a course on racial and ethnic cultures in the United States.
3. Phelps Scholars participate in the workshops, group discussions, and other special events on practical aspects of living and working in a diverse community.
4. Phelps Scholars meet special speakers and other guests who come to Hope College, take trips to interesting places, and engage the campus as a whole in conversations on diversity.

The Phelps Scholars Program can make "a world of difference" in the college experience of the students who participate. The years students spend in college are among the most important of their lives. Being Phelps Scholars enables them to make the most of this exciting time.

1. Living in community with African-American, Asian-American, European-American, Hispanic-American and Native American students — as well as international students from around the world — provides a warm and stimulating home at Hope College.
2. Numerous research studies show that college students with diversity-related experiences do better academically and achieve greater personal development than students without those experiences.

SPECIAL ACADEMIC PROGRAMS

3. One of the best predictors of success in college is the extent to which students interact in rich and meaningful ways with other students, faculty, and staff. Phelps Scholars are part of a community intentionally designed to:
 - a. Promote their academic success
 - b. Enable them to get to know each other well, to learn from each other, and to enjoy each other
 - c. Prepare them for leadership roles on the campus and beyond.For further information, contact program director Dr. Charles W. Green.

UPWARD BOUND PROGRAM

Upward Bound is an educational program designed to assist 70 high school students from the Allegan-Ottawa Counties area. To be admitted, students must meet the low-income or first-generation criterion established by the Federal Government and have the potential — even though their grades may not reflect it — to undertake a college education. The main purpose of the program is to assist these students to successfully pursue a post-secondary education.

This year-round program consists of two phases:

1. Residential Summer Session

An intensive six-week academic session offering two different programs:

- a. Non-bridge Program Includes students who have completed grades nine-11. Emphasizes the mastery of basic and advanced skills in mathematics, English, foreign language, and science. The above courses are complemented by electives in physical education, dance, drama, arts and crafts, and photography. High school credit is recommended. Approximately 50 students are admitted to this program.

b. Bridge Program

Designed for students who have completed 12th grade. Up to eight college credits may be earned by each student. English 113 (Expository Writing I) is required for all the students who may complement their schedule with any other course from the summer offerings at Hope College. An average of 20 students participate in this program each year.

2. Academic Year Session During the school year, students in grades nine-12 attend afternoon tutorials twice a week, two and one-half hours each afternoon, for help in their current academic classes. Friday sessions are held every month to foster the cultural and social development of the students along with their career education; speakers, study-tours, films, and group communication skills workshops are among the activities featured at these sessions. College testing and placement assistance (admission to college and financial aid) are provided to all the 11th- and 12th-grade students and their parents. Recreational activities are also part of the program.

Eligible students may participate at no cost; the Upward Bound Program is funded by the United States Department of Education, Hope College, and other local private sources.

INTERNSHIPS



A liberal arts education can develop in students a number of skills, including supervision and leadership, decision making, problem analysis and problem solving, creative thinking, communication, effective risk-taking, and functioning effectively as a member of a group. Students develop these skills through experiences both in and outside the classroom, in extracurricular and volunteer activities, in off-campus programs, in residential living situations, and in internships. Internships, learning experiences on-campus or off-campus for which academic credit is earned, can be an important part of students' liberal arts education.

Internships can provide students opportunities to develop liberal arts skills and to gain beginning level work experience. Participants in some internship programs attend supervisory or integrating seminars, and all participants have faculty supervisors throughout their internships.

Hope juniors and seniors can register for off-campus internships as part of The Philadelphia Center, the Chicago Semester, the New York Arts Program, the Oak Ridge Science Semester, or the Washington Honors Semester. Since students on these programs register for credit through Hope College, a student's entire financial aid package (less work-study) can be applied to the cost of the off-campus program. Students with an interest in these programs should read pages 350-352 of the *Catalog* and contact the on-campus representatives for these programs.

Sander de Haan	Chicago Semester
Dale Austin	Chicago Semester
David Ryden	Washington Honors Semester
Isolde Anderson	The Philadelphia Center
Patricia Roehling	The Philadelphia Center
Tom Smith	The Philadelphia Center
Jon Huisken	The Philadelphia Center, Chicago Semester
William Mungall	Oak Ridge Science Semester
John Tammi	New York Arts Program

Representatives from these programs visit Hope's campus each semester to recruit students and answer their questions.

In addition to the internships available through these five off-campus programs, departmental internships are possible. These internships, either on or off campus, usually earn from one to nine credits. Generally a three-credit internship requires that students spend nine hours per week on the internship throughout the semester (fourteen weeks).

An important part of all internships is the involvement of students in their creation. After consultation with the department in which the credit is to be earned, students are asked to write a learning plan which includes the objectives, the means of accomplishing these objectives, and the means of evaluating the internship. Careful planning and preparation are essential for a profitable internship opportunity.

Up to nine credits earned through internships can be counted toward a Hope degree; students earning a teaching certificate may count up to ten credits.



The liberal arts experience at Hope College seeks to help each student grow as a competent, creative, and compassionate person. Such a focus prepares students well for vocations or further studies. Business and industry, professional schools, and government agencies are increasingly emphasizing that a broad base of studies in the liberal arts is the most significant vocational preparation an undergraduate college can offer. Requirements for entrance into professional schools vary so widely that students interested in specialized fields should consult professional school catalogs early in their college careers. To help students develop their program at Hope College, faculty members with special interests and knowledge serve as vocational advisors. Students are encouraged to consult these advisors and to visit Hope's Career Library in the Sligh Building which contains extensive information about careers and other vocational information.

Advisors for Students Entering Professions

Art - Mr. Nelson	Library and Information Sciences — Ms. Colleen Conway
Athletic Training — Mr. Ray	Medicine — Mr. Mungall
Biology — Mr. T. Bultman	Music — Mr. Coyle
Chemistry (Industrial and Research) — Mr. Seymour	Nursing — Ms. Dunn
Christian Ministry — Mr. Bouma-Prediger	Optometry — Mr. Mungall
Church Work — Chaplain's Office, Mr. Bouma-Prediger	Pharmacy — Mr. Mungall
Dance — Ms. Graham	Physical Therapy — Mr. Mungall
Dentistry — Mr. Mungall	Physics — Ms. Mader
Diplomatic and Government Service — Mr. Ryden	Religion — Mr. Bouma-Prediger
Economics, Management and Accounting — Mr. Smith	Social Work — Mr. Piers, Ms. Sturtevant
Engineering — Mr. Krupczak	Teaching Elementary School — Mr. Mezeske
Geological and Environmental Sciences — Mr. Bodenbender	Secondary School — Mr. Mezeske
Journalism — Ms. Johnston	College — Department Chairperson
Law — Mr. Ryden, Ms. Gibbs	Theatre — Ms. Robins
	Veterinary Medicine — Mr. Mungall
	Writing, Editing — Mr. Klooster

Exploring Your Vocation

Students who plan to enter professions are often interested in how their work can be of service to the wider world. Hope College helps students explore these questions through the work of The CrossRoads Project, which describes its mission as "Thinking Theologically About Career, Calling, and Life." CrossRoads offers vocational discernment retreats, sponsors alternative internships, and supports students as they consider various professional school programs. Opportunities are available for all Hope students, with specially-tailored programs for students considering careers in business, education, health professions, ministry, and theology. Contact the Cross-Roads office for more information.

Actuary

Actuarial science is a field of study that uses mathematical models to put a present day dollar value on future risky events. The actuarial profession is historically rated as one of the best professions based on work environment, income, outlook, stress and job security (its nickname is the "zero-unemployment profession"). Students must have passed the first of a series of certification exams before graduating in order to be competitive for jobs after graduation.

PRE-PROFESSIONAL PROGRAMS

The pre-actuary curriculum is not rigid. Students should take Probability (MATH 361) after taking at least the first two semesters of calculus but as soon as possible in their college careers. At the end of the course, students are ready to take the first actuarial certification examination. In order to be even more competitive for jobs upon graduation, students should also seek to prepare for subsequent actuarial certification exams through independent studies offered through the Department of Mathematics. Further, students should take Society of Actuaries certified Validation by Education Experience (VEE) college courses (ECON 211/212/306 and MGMT 371), and seek to obtain an internship prior to graduation. The Department of Mathematics offers competitive awards to cover exam registration costs and study materials.

Students interested in a career as an actuary should contact the pre-actuary advisor, Dr. Nathan Tintle, to discuss their course of study. For more information on the actuarial field, visit www.beanactuary.org.

Christian Ministry and Church Vocation

Students with an interest in Christian ministry and church vocations should consult the religion major program described on pages 318-322. This major will acquaint students with the academic disciplines in religion and will provide interdisciplinary breadth through courses in philosophy, psychology, sociology, history, English, and communication. The flexibility of the religion major also adapts well to the aptitudes and goals of individual students.

Students with an interest in Christian ministry may want to become involved with campus religious groups. Internships, especially in youth ministry, are available; credit is awarded for such internships.

Graduate schools and seminaries of the American Association of Theological Schools stress a broadly based liberal arts education and a core background in the academic discipline of religion. Current graduate entrance requirements reflect the advisability of Greek as the required language with a preference for Spanish as a second language for those with an interest in urban ministries.

Students pursuing internships and other pre-professional opportunities in this area are eligible for support from The CrossRoads Project.

Diplomatic and Government Work

Students interested in the foreign service or other areas of government should focus on the social sciences. Courses in history, political science, economics, and business administration are recommended for those intending a career in public administration. Students interested in the foreign service should seek a broad knowledge in history, economics, geography, political science, English, and languages. These students may want to consider a composite major in international studies, page 225, or the special program in foreign area studies in the Department of Political Science, page 305.

Students who intend to enter other branches of governmental work should consider majors in business administration, economics, or political science. These students should also consider being part of the Washington Honors Semester Program (see page 352). Internships are also available, including a one-hour campaign internship open to all students during every national election year. Students may also want to participate in Hope's Model United Nations held each spring semester on campus.

Journalism

Because of the variety of vocations in the field of journalism, the college offers students a broad base of knowledge and skills fundamental of all forms of journalism. The department of Communication offers courses in media production and print

PRE-PROFESSIONAL PROGRAMS

media; the department of English offers several writing courses of interest to prospective journalists. Broad study in the social sciences is highly recommended. The chairperson of the department of Communication or the department of English can provide additional advice.

A number of positions on the campus newspaper, literary review, yearbook, radio station, or local cable television station provide practical experience in such aspects of journalism as editorial work, news reporting, proofreading, sports-casting, advertising, radio script writing, and layout. In addition, internships through the department of Communication or the department of English are encouraged; credit is awarded for these internships.

Law

The Law School Admission Council in its *Pre-Law Handbook* stresses that the highest quality of education needed for law school should emphasize comprehension and expression in words; critical understanding of the human institutions and values with which law deals; and creative power in thinking.

Students intending to enter the legal profession will find that most law schools do not prescribe a specific pre-professional program but insist on broad background in the liberal arts with an emphasis on courses which will help students develop the skills listed above.

Practically speaking, the prelaw students can select a major in any subject area. Business administration, economics, English, history, philosophy, or political science are common areas of concentration. Political science currently offers six different pre-law courses at least once every other year. But almost any major could provide a well-read student with a good preparation for legal studies.

Students should plan to take a number of courses in writing. Because one of the most valuable activities in preparation for the study and practice of law is academic debate and public speaking, students should consider being involved in the forensics program. This extracurricular competition encourages the development of research, reasoning, and communication skills. Finally, since law is neither studied nor practiced in a vacuum, students should explore widely to understand their physical, psychological, physiological, social, and ethical environment.

Prelaw students may want to take part in the Washington Honors Semester Program or internships offered in their major department.

Seminars to help students prepare for the Law School Admissions Test (LSAT) are offered each semester through the Department of Political Science and the Career Planning and Placement Office. Students with an interest in law are informed through a newsletter of campus lectures and other activities which may be of special interest to them.

Library and Information Sciences

Students intending to prepare for a career in librarianship should consider these points in planning their undergraduate years. Since opportunities exist for many kinds of subject specialists, students should plan a major in the discipline that most interests them. In addition, students should try to develop broad knowledge by selecting a number of courses in the humanities, social sciences, and natural sciences. Because recent developments in librarianship have placed an emphasis on automation, some undergraduate courses in computer science are desirable. To obtain first-hand experience in the practice of librarianship, students are encouraged to work in one of the college's libraries.

PRE-PROFESSIONAL PROGRAMS

Students with an interest in becoming school librarians or media specialists will need to take the educational courses required for certification.

A limited number of scholarships are available through library schools and other organizations, including the Library of Michigan.

Music

Many options exist for students who intend to pursue music as a career. Hope has two Bachelor of Music degree programs to prepare students for teaching music — the Bachelor of Music in vocal music education and the Bachelor of Music in instrumental music education.

For students intending to become performing artists, the Bachelor of Music in performance is available. For those interested in becoming musicologists or music librarians, the Bachelor of Arts degree program with a major in music literature and history or in music theory is available.

Students intending to major in music need to follow a sequence of courses that extends through four years. To prevent serious complications, students need to enroll in certain music courses in their freshman year. Complete descriptions of the degree programs in music can be found on pages 268-282.

Social Work

Hope offers a major in social work that is accredited by the Council on Social Work Education and is described on pages 327-331. This major introduces students to the theoretical perspectives in psychology, political science, economics, sociology, and social work as well as to the practical application of material from these disciplines.

Graduate schools of social work are interested in students who have a broadly based liberal arts education and a theoretical background in the disciplines of social sciences. The present job market reflects the advisability of Spanish as a second language.

In their senior year, social work students will enroll in one or more internships. Opportunities also exist to volunteer for Higher Horizons' big brother-big sister program or for community-based organizations or through the Community Service Office (Michigan Campus Compact) in the DeWitt Center.

TEACHING

Students planning to teach in elementary or secondary schools must be formally admitted to the teacher education program and receive permission to student teach; generally students are admitted in the spring of their sophomore year. Information is available from Hope's department of education.

Students pursuing internships and other pre-professional opportunities in this area are eligible for support from The CrossRoads Project.

Elementary School

Students completing the teacher education program will qualify for a teaching certificate from the State of Michigan. Although teaching requirements differ among states, the Michigan teaching certificate is valid in many other states through reciprocal certification agreements.

A departmental or composite major, a teaching minor or substantive minor, and the professional education course sequence are the essential components of the teacher education program. An *Education Department Handbook* is available from the department of education.

PRE-PROFESSIONAL PROGRAMS

Secondary School

Students completing the teacher education program will qualify for a teaching certificate from the State of Michigan. Although teaching requirements differ among states, the Michigan teaching certificate is valid in many other states through reciprocal certification agreements.

College

For those interested in college teaching, a major in their chosen field of specialization is advisable. Departmental advisors should be consulted to help these students develop an academic program.

HEALTH PROFESSIONS, SCIENCE

Hope College offers a variety of programs and opportunities for students interested in pursuing careers in the natural sciences. The science curriculum is designed to enable the student to develop competency in several scientific disciplines and to pursue a specific field of interest in depth. The opportunity to work closely with faculty in creative research efforts further enhances the student's learning and appreciation of the natural sciences. Hope offers extensive opportunities for such cooperative research. The net result of Hope's science program is a motivated, well-prepared young scientist who is eagerly sought by graduate schools, medical schools, and employers.

With these goals in mind, freshmen interested in a career involving science should plan to take in the fall semester a math course appropriate for their backgrounds (most often precalculus, Mathematics 130; or calculus, Mathematics 131) and, for maximum flexibility, two science courses intended for majors in the natural sciences. Each of these science courses initiates a year-long sequence which is normally completed during the same year.

By following this pattern, students develop the background needed to undertake further study in the sciences and explore several scientific disciplines early in their degree program. The program provides an excellent preparation for further study or work in the sciences or in a variety of health professions.

Students pursuing internships and other pre-professional opportunities in this area are eligible for support from The CrossRoads Project.

Medicine and Dentistry

While most pre-medical and pre-dental students at Hope College major in biology or chemistry, students are encouraged to major in any academic field in which they have an interest. Regardless of the student's choice of major, the person oriented toward a career in medicine or dentistry should take Biology 240 and 260; Chemistry 111/113, 121/114, 221/255, 231/256, and 311; and one year of college physics. Mathematics 131 is highly recommended, as are additional courses in biology. These courses should be completed in the first three years of college in order to provide the optimum preparation for the Medical College Admission Test (MCAT) and/or Dental Admission Test (DAT). These tests are usually taken in April of the junior year.

The pre-medical/pre-dental program is not a rigid curriculum. Students are permitted considerable latitude in the selection of courses beyond those required by the professional schools. Courses in the humanities and social sciences are highly recommended. It is advisable for students to select possible medical or dental schools early in their undergraduate careers in order to prepare for the specific requirements of the schools of their choice. Although it is uncommon, pre-dental students are able

PRE-PROFESSIONAL PROGRAMS

to complete the minimum requirements and enter dental school after three years at Hope College.

Students interested in medicine or dentistry should contact the Health Professions Advisor, Mr. William Mungall, as soon as possible after arriving at Hope.

Optometry and Veterinary Medicine

Pre-veterinary and pre-optometry students generally follow the same preparation as pre-medical/pre-dental students, although specific course requirements may vary from school to school. It is also possible to complete the minimum requirements in three years and enter professional school following the junior year.

Pre-optometry students are required to take the Optometry Admission Test (OAT). This test may be taken in February of the junior year or in October prior to the fall for which entry is being sought. Schools of veterinary medicine usually accept either the Graduate Record Exam (GRE) or the MCAT. Students should begin to select possible optometry or veterinary schools early in their undergraduate careers in order to prepare for the specific requirements of their choice.

Students interested in veterinary medicine or optometry should contact the Health Professions Advisor, Mr. William Mungall, as soon as possible after arriving at Hope.

Physical Therapy

The pre-professional requirements for application to physical therapy programs vary widely. Nearly all physical therapy programs now award a Doctor of Physical Therapy (DPT) degree and require completion of a bachelor's degree before admission. DPT programs usually require 36 to 48 months to complete. Although physical therapy graduate programs will accept students with different majors, the most common majors for pre-physical therapy students at Hope College are exercise science, biology, or psychology.

Since requirements for physical therapy programs are not uniform, students' schedules should include Chemistry 111/113 and 121/114, or Chemistry 103, and Biology 222 and 240 in order to keep application options as open as possible. Other course requirements may include Biology 221 and 231; Chemistry 221; Mathematics 210; a year of college physics; Psychology 100, 230, and 420. Some schools require the GRE general test for admission.

Students intending to apply for admission to physical therapy programs following three years at Hope College have very little flexibility in their schedules. They should consult the Health Professions Advisor, Mr. William Mungall, as soon as possible regarding specific program requirements.

Pharmacy

Students interested in careers in pharmacy usually complete a two- or three-year pre-pharmacy program, followed by four years of professional study leading to a Pharm D. Applications to pharmacy programs must be completed during the third semester of the pre-pharmacy program unless the student is planning to finish his/her four year degree before attending a pharmacy program.

Pre-pharmacy requirements include Biology 221, 222, 240 and 260; Chemistry 111/113, 121/114, 221/255, and 231/256; Mathematics 131. Courses in the humanities and social sciences are also required. Thirty-six (36) of the seventy-five (75) colleges of pharmacy require students to take the Pharmacy College Admission Test (PCAT).

Students intending to apply for admission to pharmacy programs have limited flexibility in their schedules. They should consult the Health Professions Advisor, Mr. William Mungall, as soon as possible regarding specific program requirements.

THE BOARD OF TRUSTEES



Term Expires 2009

The Reverend David M. Bast	Grand Rapids, Michigan
Mr. Joel G. Bouwens, Chairperson	Holland, Michigan
Mr. Dwayne O. Boyce	Royal Palm Beach, Florida
Mrs. Barbara J. Hall	Sarasota, Florida
Mrs. Suzanne (Cheri) DeVos VanderWeide	Ada, Michigan

Term Expires 2010

Mr. Gary D. DeWitt	Holland, Michigan
Dr. Kenneth G. Elzinga	Charlottesville, Virginia
Mr. Theodore S. Etheridge, III	West Olive, Michigan
Mrs. Lynne R. Hendricks	Holland, Michigan
Mr. Peter H. Huizenga	Oak Brook, Illinois
Dr. Fred L. Johnson, III	Holland, Michigan
Dr. Mark A. Suwyn	Miamisburg, Ohio
The Reverend Dr. Charles E. Van Engen	Glendora, California

Term Expires 2011

Mrs. Mary V. Bauman	Grand Rapids, Michigan
Mrs. Sandra K. Church	Holland, Michigan
Mr. Thomas H. Claus	East Grand Rapids, Michigan
Ms. Arwa Haider	Pinecrest, Florida
Mr. Brian W. Koop, Vice-Chairperson	Holland, Michigan
The Reverend Stephen M. Norden	Powell, Ohio
Mr. Richard L. Postma	Grand Rapids, Michigan
Dr. A. Paul Schaap	Grosse Pointe Park, Michigan
Mrs. Carol Sytsma	Newcastle, Washington

Term Expires 2012

Prof. Michelle Bombe	Holland, Michigan
The Reverend Dr. Timothy L. Brown	Holland, Michigan
Mr. Anthony R. Castillo	Holland, Michigan
Dr. Ronald L. Hartgerink	South Haven, Michigan
The Reverend Taylor W. Holbrook	Hopewell Junction, New York
Dr. David W. Lowry, Secretary	Holland, Michigan
Dr. Paul R. Musherure	Cottage Grove, Minnesota
The Reverend Peter C. Semeyn	Traverse City, Michigan
Mr. David L. Van Andel	Grand Rapids, Michigan
Mrs. Emilie D. Wierda	Key Largo, Florida
Dr. Leslie B. Wong	Grand Rapids, Michigan
Dr. George D. Zuidema	Holland, Michigan

Serving Ex Officio

Dr. James E. Bultman, President	Holland, Michigan
---------------------------------	-------------------

Honorary Trustees

Dr. J. Kermit Campbell	Traverse City, Michigan
Dr. Peter C. Cook	Grand Rapids, Michigan
Dr. Max O. De Pree	Holland, Michigan
Mr. Richard A. DeWitt	Palm Beach Gardens, Florida
The Reverend Frederick R. Kruithof	Kalamazoo, Michigan
Dr. Leonard Maas	Holland, Michigan
Dr. Donald G. Mulder	Pacific Palisades, California
Mr. John C. Schrier	Muskegon, Michigan



THE ACADEMIC ADMINISTRATION

JAMES E. BULTMAN — *President and Professor of Education* (1968-1985) (1999)
 A.B., Hope College, 1963; M.A., Western Michigan University, 1966;
 Ed.D., Western Michigan University, 1971;
 L.H.D., Keiwa College, 1998;
 Litt.D., Hope College, 1999

JAMES N. BOELKINS — *Provost and Professor of Biology* (2002)
 A.B., Hope College, 1966;
 M.S., University of North Dakota, 1968;
 Ph.D., University of Missouri, 1971

ALFREDO M. GONZÁLES — *Associate Provost, Dean for International and Multicultural Education, and Adjunct Associate Professor of Social Work* (1979/1984)
 B.S., Grand Valley State Colleges, 1979;
 M.S.W., University of Michigan, 1982

JON J. HUISKEN — *Dean for Academic Services and Registrar and Adjunct Associate Professor of English* (1969)
 A.B., Calvin College, 1965

MOSES LEE — *Dean for the Natural and Applied Sciences and Professor of Chemistry* (2005)
 B.S., University of Guelph, 1983;
 Ph.D., University of Guelph, 1986

R. RICHARD RAY, JR. — *Dean for the Social Sciences and Professor of Kinesiology* (1982/2008)
 B.S., University of Michigan, 1979;
 M.A., Western Michigan University, 1980;
 Ed.D., Western Michigan University, 1990

WILLIAM D. REYNOLDS — *Dean for the Arts and Humanities and Professor of English* (1971/1994)
 A.B., Xavier University, 1966;
 M.A., Columbia University, 1967;
 Ph.D., University of Illinois-Urbana, 1971

PRESIDENT EMERITUS

GORDON J. VAN WYLEN — *President and Professor of Physics* (1972-1987)
 A.B., Calvin College, 1942;
 B.S.E., University of Michigan, 1942;
 M.S., University of Michigan, 1947;
 Sc.D., Massachusetts Institute of Technology, 1951;
 Litt.D., Hope College, 1972;
 L.H.D., Meiji Gakuin University, 1987

PROVOST EMERITUS

JACOB E. NYENHUIS — *Provost Emeritus and Professor Emeritus of Classics* (1975-2001) and *Director of the A. C. Van Raalte Institute* (2001/2002)
 A.B., Calvin College, 1956;
 A.M., Stanford University, 1961;
 Ph.D., Stanford University, 1963;
 Litt.D., Hope College, 2001

*The first figure in parentheses indicates the year in which the person began service at Hope College. For administrators, the second date within the same parentheses represents the year of appointment to the current position. A figure within a second set of parentheses indicates the year of beginning the present appointment after interruption in the period of service. In the Emeriti section, the year of retirement is also given.

THE FACULTY

DEAN EMERITA

NANCY SONNEVELDT MILLER — *Dean Emerita for the Social Sciences and Professor Emerita of Education* (1968/1985-2008)

A.B., Hope College, 1962;
M.A., University of Michigan, 1965;
Ph.D., Michigan State University, 1968

FACULTY EMERITI

CHARLES C. ASCHBRENNER — *Professor Emeritus of Music* (1963-2008)

B.Mus., University of Illinois, 1959;
M.Mus., Yale University, 1963

JANE G. BACH — *Professor Emerita of English* (1975-2000)

A.B., Hope College, 1958;
M.A., University of Wisconsin, 1959;
Ph.D., University of Notre Dame, 1978

LESLIE R. BEACH — *Professor Emeritus of Psychology* (1964-1991)

B.A., Houghton College, 1949;
M.Ed., Wayne State University, 1954;
Ph.D., University of Michigan, 1957

HARVEY D. BLANKESPOOR — *The Frederick Garrett and Helen Floor Dekker Professor Emeritus of Biology and CASE 1991 U. S. Professor of the Year* (1976-2002)

B.A., Westmar College, 1963;
M.S., Iowa State University, 1967;
Ph.D., Iowa State University, 1970

SYLVIA BOYD, C.P.A., C.M.A. — *Associate Professor Emerita of Business Administration* (1985-1999)

B.S., Northern Illinois University, 1981;
M.B.A., Grand Valley State University, 1985

RODNEY F. BOYER — *The Edward and Elizabeth Hofma Professor Emeritus of Chemistry* (1974-2000)

B.A., Westmar College, 1964;
M.S., Colorado State University, 1967;
Ph.D., Colorado State University, 1969

ALLEN R. BRADY — *Professor Emeritus of Biology* (1964) (1966-2000)

B.A., University of Houston, 1955;
M.S., University of Houston, 1959;
Ph.D., Harvard University, 1964

GORDON M. BREWER — *Professor Emeritus of Physical Education* (1956-1988)

A.B., Hope College, 1948;
M.A., University of Michigan, 1952

IRWIN J. BRINK — *Professor Emeritus of Chemistry* (1957-1996)

A.B., Hope College, 1952;
Ph.D., University of Illinois, 1957

ELTON J. BRUINS — *Evert J. and Hattie E. Blekkink Professor Emeritus of Religion* (1966-1992) and *Philip Phelps Jr. Research Professor, Van Raalte Institute* (1994)

A.B., Hope College, 1950;
B.D., Western Theological Seminary, 1953;
S.T.M., Union Theological Seminary, 1957;
Ph.D., New York University, 1962

ROBERT M. CECIL — *Professor Emeritus of Music* (1962-1985)

B.S., Juilliard School of Music, 1949;
B.Mus., Yale University School of Music, 1951;
M.Mus., Yale University School of Music, 1952

THE FACULTY

- WILLIAM COHEN — *Professor Emeritus of History* (1971-2001)
B.A., Brooklyn College, 1957;
M.A., Columbia University, 1960;
Ph.D., New York University, 1968
- JOAN C. CONWAY — *Professor Emerita of Music* (1969-2001)
B.S.M.E., Lebanon Valley College, 1957;
M.Mus., Manhattan School of Music, 1959
- EARL R. CURRY — *Professor Emeritus of History* (1968-2000)
B.S., Iowa State University, 1960;
M.A., University of Minnesota, 1962;
Ph.D., University of Minnesota, 1966
- MAXINE DE BRUYN — *The Dorothy Wiley De Long Professor Emerita of Dance* (1965-2006)
B.S., Michigan State University, 1959
- RUSSELL B. DE VETTE — *Professor Emeritus of Physical Education* (1953) (1955-1988)
A.B., Hope College, 1947;
M.A., University of Michigan, 1948
- LAMONT DIRKSE — *Professor Emeritus of Education* (1964-1992)
A.B., Hope College, 1950;
M.A., Northwestern University, 1951;
Ed.D., Michigan State University, 1972
- ROBERT ELLSWORTH ELDER, JR. — *Professor Emeritus of Political Science* (1969-2002)
B.A., Colgate University, 1964;
M.A., Duke University, 1969;
Ph.D., Duke University, 1971
- FRANCIS G. FIKE — *Professor Emeritus of English* (1968-1998)
A.B., Duke University, 1954;
M.Div., Union Theological Seminary, 1957;
M.A., Stanford University, 1958;
Ph.D., Stanford University, 1964
- JAY E. FOLKERT — *Professor Emeritus of Mathematics* (1946-1982)
A.B., Hope College, 1939;
M.A., Ph.D., University of Michigan, 1940, 1955
- ROBERT GENTENAAR — *Associate Professor Emeritus of Economics* (1977-2000)
B.A., Western Michigan University, 1961;
M.B.A., Michigan State University, 1970;
M.A., Michigan State University, 1974;
Ph.D., Michigan State University, 1977
- TAMARA BLOOM GEORGE — *Associate Professor Emerita of Nursing* (1992-2006)
B.S.N., The Ohio State University, 1962;
M.S.N., Wayne State University, 1979;
Ph.D., Wayne State University, 1998
- LARS I. GRANBERG — *The Peter C. and Emajean Cook Professor Emeritus of Psychology* (1947) (1960) (1975-1984)
A.B., Wheaton College, 1941;
A.M., Ph.D., University of Chicago, 1946, 1954;
L.H.D., Northwestern College, 1975
- ELDON D. GREIJ — *The Edward A. and Elizabeth Hofma Professor Emeritus of Biology* (1962) (1969-1988)
B.S., State Teachers College at Valley City, North Dakota, 1959;
M.S., North Dakota State University, 1962;
Ph.D., Iowa State University, 1969

THE FACULTY

- JAMES B. HEISLER — *Professor Emeritus of Economics* (1981-2007)
B.A., Drew University, 1965;
M.A., State University of New York at Albany, 1966;
Ph.D., University of Nebraska, 1975
- RENZE L. HOEKSEMA — *Professor Emeritus of Political Science* (1971-1986)
A.B., Hope College, 1948;
M.A., Harvard University, 1952;
Ph.D., Harvard University, 1956
- JANTINA W. HOLLEMAN — *Professor Emerita of Music* (1946-1987)
B.A., Central College, 1943;
M.A., Columbia University, 1946
- CHARLES A. HUTTAR — *Professor Emeritus of English* (1966-1996)
B.A., Wheaton College, 1952;
M.A., Northwestern University, 1953;
Ph.D., Northwestern University, 1956
- ANNE E. IRWIN — *Professor Emerita of Kinesiology* (1976-2003)
B.S., University of Michigan, 1966;
M.A., Michigan State University, 1970;
Ph.D., Michigan State University, 1975
- JEANNE M. JACOBSON — *Adjunct Professor Emerita of Education* (1996-1999)
and *Senior Research Fellow, Van Raalte Institute* (1996)
B.A., Swarthmore College, 1953;
M.S., State University College at Brockport, 1973;
Ph.D., State University of New York at Albany, 1981
- WILLIAM H. JAPINGA — *Associate Professor Emeritus of Business Administration*
(1981-2001)
B.A., Kalamazoo College, 1960;
M.B.A., Northwestern University, 1962
- ELAINE Z. JEKEL — *Adjunct Professor Emerita of Chemistry* (1982-1993)
A.B., Greenville College, 1947;
B.S., Greenville College, 1951;
M.S., Purdue University, 1953;
Ph.D., Purdue University, 1958
- EUGENE C. JEKEL — *Edward A. and Elizabeth Hofma Professor Emeritus of Chemistry* (1955-1993)
A.B., Hope College, 1952;
M.S., Purdue University, 1955;
Ph.D., Purdue University, 1964
- MARY E. JELLEMA — *Adjunct Associate Professor Emerita of English* (1968-2000)
B.A., Calvin College, 1957;
M.A., The Ohio State University, 1960
- DAVID P. JENSEN — *Director of Libraries Emeritus with rank of Professor*
(1984-2008)
B.A., Greensboro College, 1965;
M.S.L.S., University of North Carolina, 1968
- PETER L. JOLIVETTE — *Professor Emeritus of Physics* (1976-2001)
B.S., University of Wisconsin, 1963;
M.S., Purdue University, 1965;
Ph.D., University of Wisconsin, 1971
- GEORGE KRAFT — *Professor Emeritus of Kinesiology* (1967-2005)
B.A., Wheaton College, 1962;
M.S., Indiana University, 1965;
P.E.D., Indiana University, 1971

THE FACULTY

- ROBERTA KRAFT — *Adjunct Associate Professor Emerita of Music* (1975-2008)
B.M.E., Wheaton College, 1962;
M.M., Indiana University, 1971
- JOSEPH W. MAC DONIELS — *Professor Emeritus of Communication* (1972-2001)
B.A., Culver-Stockton College, 1963;
M.S., George Williams College, 1965;
Ph.D., University of Kansas, 1972
- CAROL A. MAHSUN — *Associate Professor Emerita of Art History* (1989-2006)
B.A., University of Wisconsin-Milwaukee, 1961;
M.A., University of Chicago, 1977;
Ph.D., University of Chicago, 1981
- DELBERT L. MICHEL — *Professor Emeritus of Art* (1964-2003)
B.A., De Pauw University, 1961;
M.F.A., State University of Iowa, 1964
- JAMES P. MOTIFF — *Professor Emeritus of Psychology* (1969-2004)
B.S., St. Norbert College, 1965;
M.S., University of South Dakota, 1967;
Ph.D., University of South Dakota, 1969
- ANTHONY B. MUIDERMAN — *Professor Emeritus of Business Administration*
(1977-2000)
B.S., Calvin College, 1950;
B.S.E., University of Michigan, 1960;
M.B.A., Grand Valley State Colleges, 1977
- NANCY A. NICODEMUS — *Professor Emerita of English* (1966-1999)
B.A., Western Michigan University, 1957;
M.A., University of Wyoming, 1959;
A.B., Hope College, 2007
- THEODORE L. NIELSEN — *The Guy VanderJagt Professor Emeritus of
Communication* (1975-2000)
B.A., University of Iowa, 1955;
M.A., University of Michigan, 1958;
Ph.D., University of Wisconsin, 1971
- ROBERT J. PALMA — *Professor Emeritus of Religion* (1966-1994)
B.A., Calvin College, 1956;
B.D., Calvin Seminary, 1959;
Ph.D., University of Edinburgh, 1970
- DANIEL PAUL — *Professor Emeritus of Education* (1966-1994)
A.B., Hope College, 1950;
M.A., University of Michigan, 1957;
Ed.S., Western Michigan University, 1964;
Ed.D., Western Michigan University, 1973
- G. LARRY PENROSE — *Professor of History* (1970-2006)
B.A., Portland State University, 1966;
M.A., Indiana University, 1968;
Ph.D., Indiana University, 1975
- JACK R. RIDL — *Professor Emeritus of English* (1971-2006)
B.A., Westminster College, 1967;
M.Ed., Westminster College, 1970
- NORMAN W. RIECK — *Professor Emeritus of Biology* (1962-1986)
A.B., Hope College, 1953;
M.S., University of Michigan, 1956;
Ph.D., University of Michigan, 1957

THE FACULTY

- ROGER J. RIETBERG — *Professor Emeritus of Music* (1954-1990)
A.B., Hope College, 1947;
S.M.M., Union Theological Seminary, New York, 1949
- ROBERT A. RITSEMA — *Professor Emeritus of Music* (1967-1999)
A.B., Hope College, 1957;
M.M., University of Michigan, 1959;
Ed.D. in Mus., University of Michigan, 1971
- STUART W. SHARP — *Professor Emeritus of Music* (1975-2005)
B.Mus., Bucknell University, 1962;
M.M., University of Michigan, 1963;
D.M.A., University of Kentucky, 1975
- FRANK C. SHERBURNE, JR. — *Professor Emeritus of Mathematics* (1959-1994)
B.S., University of Toledo, 1952;
M.S., Michigan State University, 1956
- GORDON A. STEGINK — *Associate Professor Emeritus of Computer Science* (1981-2000)
A.B., Hope College, 1961;
A.M., Washington University, 1963
- CHARLES A. STEKETEE — *Professor Emeritus of Mathematics* (1946-1981)
A.B., Hope College, 1936;
M.A., University of Michigan, 1937
- GISELA G. STRAND — *Professor Emerita of German* (1969-2001)
Abitur, St. Ursula Oberschule, Hannover, 1959;
M.A., University of Chicago, 1962;
Ph.D., Vanderbilt University, 1973
- ELLIOT A. TANIS — *Professor Emeritus of Mathematics* (1965-2000)
B.A., Central College, 1956;
M.S., University of Iowa, 1960;
Ph.D., University of Iowa, 1963
- J. COTTER THARIN — *Professor Emeritus of Geology* (1967-1996)
B.S., St. Joseph College, 1954;
M.S., University of Illinois, 1958;
Ph.D., University of Illinois, 1960
- RICHARD VANDERVELDE — *Professor Emeritus of Mathematics* (1967-2000)
B.A., Simpson College, 1960;
M.S., University of Iowa, 1962;
Ph.D., University of Iowa, 1967
- F. PHILLIP VAN EYL — *Professor Emeritus of Psychology* (1959-1993)
A.B., Hope College, 1955;
M.A., Claremont Graduate School, 1958;
Ph.D., Claremont Graduate School, 1964
- PAUL VAN FAASEN — *Professor Emeritus of Biology* (1963) (1969-1997)
A.B., Hope College, 1956;
M.S., Michigan State University, 1962;
Ph.D., Michigan State University, 1971
- GERARD VAN HEEST — *Chaplain Emeritus* (1979-1994)
A.B., Hope College, 1949;
M.Div., Western Theological Seminary, 1952
- JOHN VAN IWAARDEN — *Professor Emeritus of Mathematics* (1961-2001)
A.B., Hope College, 1957;
M.A., University of Michigan, 1958
- JAMES D. VAN PUTTEN, JR. — *Professor Emeritus of Physics* (1967-2000)
A.B., Hope College, 1955;
M.A., University of Michigan, 1957;
Ph.D. University of Michigan, 1960

THE FACULTY

- GAIL L. WARNAAR — *Adjunct Associate Professor Emerita of Music* (1965-1997)
B.Mus., Central Michigan University, 1970;
M.Mus., Michigan State University, 1972
- HUBERT P. WELLER — *Professor Emeritus of Spanish* (1962-1996)
B.A., University of Michigan, 1956;
M.A., Indiana University, 1958;
Ph.D., Indiana University, 1965
- LESLIE L. WESSMAN — *The Arnold and Esther Sonneveldt Professor Emerita of Education* (1990-2005)
B.A., University of Wyoming, 1960;
M.A., Northwestern University, 1966;
M.S., California State University, 1975;
Ph.D., Michigan State University, 1988
- DONALD H. WILLIAMS — *Professor Emeritus of Chemistry* (1969-2002)
B.S., Muskingum College, 1960;
Ph.D., The Ohio State University, 1964
- JOHN M. WILSON — *Professor Emeritus of Art History* (1971-1999)
B.A., St. Olaf College, 1955;
M.A., University of Minnesota, 1964;
Ph.D., University of Iowa, 1971
- RONALD M. WOLTHUIS — *Associate Professor Emeritus of Education* (1985-2002)
A.B., Calvin College, 1964;
M.A., Western Michigan University, 1967;
Ed.D., Western Michigan University, 1970
- JAMES M. ZOETEWY — *Professor of Political Science* (1966-2007)
B.A., Calvin College, 1960;
Ph.D., University of Colorado, 1971
- DAVID A. ZWART — *Associate Professor Emeritus of Education* (1989-2003)
A.B., Hope College, 1964;
M.A., Michigan State University, 1969

THE TEACHING FACULTY

- MIGUEL ABRAHANTES — *Assistant Professor of Engineering* (2004)
B.S., Universidad Central de las Villas, 1993;
Ph.D., Universidad Nacional del Sur, 2000
- RAVIKANT AGARWAL — *Visiting Assistant Professor of Computer Science* (2008)
B.S., Wilkes University, 2002;
M.S., Wilkes University, 2004;
Ph.D., Auburn University, 2007
- ION T. AGHEANA — *Professor of Romance Languages* (1979)
Licence es Lettres, University of Bucharest, 1961;
M.A., Harvard University, 1967;
Ph.D., Harvard University, 1970
- JAMES B. ALLIS — *Professor of Philosophy* (1986)
B.A., Dartmouth College, 1975;
M.A., Jersey City State College, 1980;
Ed.M., Harvard University, 1980;
M.A., University of Pittsburgh, 1984;
Ph.D., University of Pittsburgh, 1986
- ISOLDE K. ANDERSON — *Assistant Professor of Communication and Towsley Research Scholar* (2003)
B.A., Smith College, 1975;
M.Div., North Park Theological Seminary-Chicago, 1981;
Ph.D., Northwestern University, 2002

THE FACULTY

- MARIA CLAUDIA ANDRÉ — *Professor of Spanish* (1994)
A.B.(equiv.), Universidad del Salvador, Buenos Aires, 1982;
Ph.D., SUNY Albany, 1995
- PRISCILLA D. ATKINS — *Librarian with rank of Associate Professor* (1994)
B.A., Smith College, 1979;
M.Ed., University of Hawaii at Manoa, Honolulu, 1985;
M.L.I.S., University of Hawaii at Manoa, Honolulu, 1990
- MARC B. BAER — *Professor of History and Director of the Pew Society* (1983)
B.S., Iowa State University, 1967;
M.A., University of Iowa, 1971;
Ph.D., University of Iowa, 1976
- JEAN REED BAHLE — *Assistant Professor of Theatre* (1996)
B.A., University of Michigan, 1972
- BARRY L. BANDSTRA — *The Evert J. and Hattie E. Blekkink Professor of Religion and Director of Academic Computing* (1983)
B.A., University of Illinois, 1972;
B.Div., Calvin Theological Seminary, 1975;
M.A., M.Phil., Yale University, 1978;
Ph.D., Yale University, 1982
- CHRISTOPHER C. BARNEY — *The T. Elliott Weier Professor of Biology* (1980)
B.S., Wright State University, 1973;
Ph.D., Indiana University, 1977
(Sabbatical leave spring semester 2009)
- NANCY C. BARNUM — *Assistant Professor of Nursing* (2003)
B.S.N., Michigan State University, 1985;
M.S.N., University of Kentucky, 1996;
Ph.D., University of Kentucky, 2007
- AMANDA J. BARTON — *Assistant Professor of Nursing* (2004)
B.S.N., University of Pennsylvania, 1994;
M.S.N., University of Pennsylvania, 1995;
D.N.P., Rush University, 2007
- VIRGINIA PARISH BEARD — *Assistant Professor of Political Science* (2007)
B.A., Calvin College, 2000;
M.P.A., Michigan State University, 2005;
Ph.D., Michigan State University, 2006
- CHARLES K. BEHENSKY — *Assistant Professor of Psychology* (2003)
B.S., University of Illinois, Champaign-Urbana, 1998;
Ph.D., University of Michigan, 2003
- AIRAT BEKMETJEV — *Assistant Professor of Mathematics* (2003)
Diploma with Honors, Moscow State University, 1991;
Ph.D., Arizona State University, 2002
- ALBERT A. BELL, JR. — *Professor of History* (1978)
B.A., Carson Newman College, 1966;
M.A., Duke University, 1968;
M.Div., Southeastern Seminary, 1973;
Ph.D., University of North Carolina, 1977
- AARON A. BEST — *Assistant Professor of Biology and Towsley Research Scholar* (2004)
B.A., William Jewell College, 1996;
M.S., University of Illinois at Urbana-Champaign, 1999;
Ph.D., University of Illinois at Urbana-Champaign, 2001

THE FACULTY

- RACHEL A. BISHOP — *Instruction/Reference Librarian with rank of Assistant Professor* (2005)
B.A., Michigan State University, 1988;
M.A., Center for Humanistic Studies, 1996;
M.L.I.S., Wayne State University, 2004
- BRIAN E. BODENBENDER — *Associate Professor of Geology and Environmental Science and Chairperson of the Department* (1996)
B.A., The College of Wooster, 1987;
M.S., University of Michigan, 1990;
Ph.D., University of Michigan, 1994
- MICHELLE BOMBE — *Professor of Theatre, Director of Theatre, and Resident Costume Designer* (1991)
B.S., University of Evansville, 1985;
M.F.A., University of Texas, 1989
- STEVEN C. BOUMA-PREDIGER — *Professor of Religion and Chairperson of the Department* (1994)
A.B., Hope College, 1979;
M.Phil.F., Institute for Christian Studies, Ontario, 1984;
M.Div., Fuller Theological Seminary, 1987;
Ph.D., University of Chicago, 1992
- WAYNE A. BROUWER — *Visiting Associate Professor of Religion* (2005)
A.B., Dordt College, 1976;
M.Div., Calvin Theological Seminary, 1980;
Th.M., Calvin Theological Seminary, 1985;
M.A., McMaster University, 1989;
Ph.D., McMaster University, 1999
- JEFF R. BROWN — *Assistant Professor of Engineering* (2005)
B.S., University of Central Florida, 1996;
M.S., University of Central Florida, 1998;
Ph.D., University of Florida, 2005
- KENNETH L. BROWN — *Associate Professor of Chemistry* (1999)
B.S., Oral Roberts University, 1993;
Ph.D., Oklahoma State University, 1999
(Sabbatical leave fall semester 2008)
- KIRK A. BRUMELS — *Associate Professor of Kinesiology and Director of Athletic Training* (2001)
A.B., Hope College, 1988;
M.A.T., Western Michigan University, 1990;
Ph.D., Western Michigan University, 2005
(Sabbatical leave fall semester 2008)
- C. BAARS BULTMAN — *Professor of Education* (1987)
A.B., Hope College, 1971;
M.A., Western Michigan University, 1976;
Ph.D., Michigan State University, 1995
- THOMAS L. BULTMAN — *Professor of Biology and Chairperson of the Department* (2001)
A.B., Hope College, 1978;
M.S., University of Cincinnati, 1981;
Ph.D., Arizona State University, 1985
- MARIA A. BURNATOWSKA-HLEDIN — *Professor of Biology and Chemistry* (1992)
B.S., McGill University, 1975;
M.S., McGill University, 1977;
Ph.D., McGill University, 1980

THE FACULTY

- PAULETTE A. CHAPONNIERE — *Associate Professor of Nursing* (2002)
B.A., Wheaton College, 1969;
B.S., Columbia University, 1971;
M.P.H., Johns Hopkins University, 1977
- ISABELLE CHAPUIS-ALVAREZ — *Assistant Professor of French* (2003)
Diplome Superieur, Sorbonne Nouvelle, Paris III, 1983;
M.A., Sorbonne Nouvelle, Paris III, 1984;
D.E.A., Sorbonne Nouvelle, Paris III, 1985
- LEAH A. CHASE — *Associate Professor of Biology and Chemistry* (2000)
B.S., University of Michigan-Flint, 1993;
Ph.D., University of Minnesota, 1999
- SUSAN M. CHERUP — *The Arnold and Esther Sonneveldt Professor of Education* (1976)
A.B., Hope College, 1964;
M.A., Western Michigan University, 1967
- DAVID S. CHO — *Assistant Professor of English* (2008)
B.A., University of Illinois, 1995;
M.F.A., Purdue University, 1999;
M.A., Purdue University, 2001;
Ph.D., University of Washington, 2006
- AARON C. CINZORI — *Associate Professor of Mathematics* (2001)
B.A., Michigan State University, 1990;
B.S., Michigan State University, 1990;
M.S., Michigan State University, 1993;
Ph.D., Michigan State University, 1998
- VICTOR V. CLAAR — *Associate Professor of Economics* (2000)
B.A., Houghton College, 1987;
M.A., West Virginia University, 1995;
Ph.D., West Virginia University, 2000
- CATHERINE M. CLAREY-SANFORD — *Assistant Professor of Nursing* (2003)
B.S.N., University of Michigan-Flint, 1988;
M.S.N., Grand Valley State University, 2000
- ADAM L. CLARK — *Assistant Professor of Music* (2008)
B.A., University of California at Santa Barbara, 1998;
M.M., University of Texas, 2002;
D.M.A., University of Cincinnati (exp. 2008)
- ERNEST D. COLE — *Assistant Professor of English* (2008)
B.A., University of Sierra Leone, 1990;
M.A., University of Sierra Leone, 1994;
Ph.D., University of Connecticut (exp. 2008)
- KEVIN J. COLE — *Associate Professor of Kinesiology* (2005)
A.B., Hope College, 1988;
M.S., Texas Christian University, 1991;
Ph.D., Ball State University, 1994
- COLLEEN M. CONWAY — *Librarian with rank of Associate Professor and Head of Technical Services* (1989)
B.A., Grinnell College, 1978;
M.A., University of Iowa, 1983
(Sabbatical leave spring semester 2009)
- NANCY L. COOK — *Associate Professor of Education and Director of Student Teaching* (1987)
B.A., Michigan State University, 1973;
M.A., Michigan State University, 1978

THE FACULTY

- JOHN D. COX — *The DuMez Professor of English* (1979)
A.B., Hope College, 1967;
M.A., University of Chicago, 1968;
Ph.D., University of Chicago, 1975
- BRIAN R. COYLE — *Professor of Music and Chairperson of the Department* (1993)
B.Mus., University of South Florida, 1987;
M.Mus., California State University at Northridge, 1990;
D.M.A., Michigan State University, 1997
- MIHAI D. CRAIOVEANU — *Professor of Music* (1992)
B.M., George Dima School of Music, 1975;
D.M.A., Ciprian Porumbescu Conservatory of Music, 1979
- DONALD L. CRONKITE — *Professor of Biology* (1978)
B.A., Indiana University 1966;
Ph.D., Indiana University, 1972
- DAVID S. CUNNINGHAM — *Director of the CrossRoads Project and Professor of Religion* (2003)
B.S., Northwestern University, 1983;
B.A., University of Cambridge, 1985;
M.A., University of Cambridge, 1989;
Ph.D., Duke University, 1990
- JANE P. CURRIE — *Humanities Instruction/Reference Librarian with rank of Assistant Professor* (2003)
B.A., Jacksonville University, 1995;
M.A., Montana State University-Bozeman, 1998;
M.S., University of Illinois at Urbana-Champaign, 2003
- CHARLES A. CUSACK — *Assistant Professor of Computer Science* (2005)
B.S., Michigan Technological University, 1992;
M.S., Michigan Technological University, 1994;
M.S., University of Nebraska, 1998;
Ph.D., University of Nebraska, 2000
- ANNIE G. DANDAVATI — *Professor of Political Science and Director of Women's Studies* (1992)
B.A., Jesus and Mary College, 1985;
M.A., JawaharLal Nehru University, 1987;
Ph.D., University of Denver, 1992
- SANDER DE HAAN — *Professor of German and Dutch and Chairperson of the Department of Modern and Classical Languages* (1979)
A.B., Calvin College, 1967;
M.A., Northwestern University, 1970;
Ph.D., Northwestern University, 1980
- MATTHEW DE JONGH — *Associate Professor of Computer Science and Towsley Research Scholar* (2002)
B.S., The Ohio State University, 1985;
M.S., The Ohio State University, 1986;
M.A., Winebrenner Theological Seminary, 1998;
Ph.D., The Ohio State University, 1991
(Sabbatical leave academic year 2008-09)
- ANDREW J. DELL'OLIO — *Professor of Philosophy and Chairperson of the Department* (1993)
B.A., Rutgers University, 1981;
M.A., Columbia University, 1984;
M.Phil., Columbia University, 1991;
Ph.D., Columbia University, 1994

THE FACULTY

- JEANINE M. DELL'OLIO — *Professor of Education* (1993)
B.A., U.C.L.A. School of Fine Arts, 1976;
M.A., New York University, 1987;
Ed.M., Teachers College, Columbia University, 1990;
Ed.D., Teachers College, Columbia University, 1993
- HERBERT L. DERSHEM — *Professor of Computer Science* (1969)
B.A., University of Dayton, 1965;
M.S., Purdue University, 1967;
Ph.D., Purdue University, 1969
- DEREJE DESTA — *HHMI Postdoctoral Fellow in Biology* (2008)
B.S., Addis Ababa University, 1988;
B.S., University of the District of Columbia, 1991;
Ph.D., Howard University, 2007
- DAWN DEWITT-BRINKS — *Assistant Professor of Communication* (1989)
A.B., Hope College, 1984;
M.A., Western Michigan University, 1989
- MARY DE YOUNG — *Associate Professor of Mathematics* (1982)
A.B., Hope College, 1975;
M.A., Western Michigan University, 1987
- PAUL A. DE YOUNG — *The Kenneth G. Herrick Professor of Physics* (1985)
A.B., Hope College, 1977;
Ph.D. University of Notre Dame, 1982
- JANE R. DICKIE — *Professor of Psychology* (1972)
B.A., Alma College, 1968;
M.A., Michigan State University, 1970;
Ph.D., Michigan State University, 1973
- TEUNIS DONK — *Professor of Education* (1996)
B.A., Western Michigan University, 1977;
M.S.W., Western Michigan University, 1983;
Ph.D., Michigan State University, 1996
- LILIANA DORADO — *Assistant Professor of Spanish* (2004)
B.A., Universidad Católica, Uruguay, 1985;
M.A., University of Florida, 1998;
Ph.D., University of Florida, 2001
- L. MAUREEN ODLAND DUNN — *Associate Professor of Kinesiology* (1997)
B.Sc., University of Victoria, B.C., 1991;
M.Sc., McMaster University, Hamilton, Ontario, 1994;
Ph.D., University of Guelph, Ontario, 1997
- SUSAN L. DUNN — *Associate Professor of Nursing and Chairperson of the Department* (1997)
B.S.N., University of Michigan, 1984;
M.S.N., Grand Valley State University, 1996;
Ph.D., Michigan State University, 2005
- LINDA L. DYKSTRA — *Associate Professor of Music* (1997)
B.S.M.E., University of Maryland, 1972;
M.M., University of Maryland, 1988
- NATALIE A. DYKSTRA — *Associate Professor of English* (2000)
B.A., Calvin College, 1986;
M.A., University of Wyoming, 1992;
Ph.D., University of Kansas, 2000
- ROBERT H. EAMES — *Associate Professor of Management* (2008)
B.B.A., University of Wisconsin, 1978;
M.B.A., University of Wisconsin, 1980

THE FACULTY

- STEPHANIE P. EDWARDS — *Associate Professor of Mathematics* (2007)
B.S., Miami University of Ohio, 1991;
M.A., University of Wisconsin, 1994;
Ph.D., University of Wisconsin, 1998
- RENATA FERNÁNDEZ — *Assistant Professor of Spanish* (2008)
B.A., Universidad Veracruzana, 1993;
M.A., University of Kansas, 1997;
Ph.D., University of Kentucky, 2006
- JANE E. FINN — *Assistant Professor of Education* (1996)
A.B., Hope College, 1986;
M.A., Western Michigan University, 1989;
Ed.D., Western Michigan University, 2005
- NICOLE FLINN — *Assistant Professor of Dance* (2008)
B.A., Hope College, 1997;
M.A., Marygrove College, 2001
- EVA DEAN FOLKERT — *Assistant Professor of Kinesiology and Director of Athletics for Women* (1985) (1997)
A.B., Hope College, 1983;
M.A., Western Michigan University, 2005
- LEE A. FORESTER — *Professor of German* (1992)
B.A., University of California Berkeley, 1984;
M.A., University of California Berkeley, 1986;
Ph.D., University of California Berkeley, 1992
- TAMARA H. FOX — *Assistant Professor of Art* (2008)
B.F.A., School of the Art Institute of Chicago, 1990;
M.F.A., University of Minnesota, 1995;
M.A., Northern Illinois University, 1997
- GREGORY S. FRALEY — *Associate Professor of Biology* (2004)
B.S., University of Maryland, 1989;
M.S., University of Maryland, 1992;
Ph.D., Washington State University, 1998
- MARGARET K. FRENSE — *Assistant Professor of Kinesiology and Athletic Trainer* (1998) (2002)
A.B., Hope College, 1996;
M.S., Indiana University, 1997
- STUART W. FRITZ — *Assistant Professor of Kinesiology* (1993)
B.A., Wartburg College, 1988;
M.A., University of Northern Colorado, 1992
- WALLACE FU — *Visiting Assistant Professor of Chemistry* (2006)
B.S., St. John's University, 1967;
Ph.D., Marquette University, 1973
- DONNA K. GARRETT — *Assistant Professor of Nursing* (2006)
B.S.N., University of Cincinnati, 1982;
M.S.N., University of Cincinnati, 1990
- JANIS M. GIBBS — *Associate Professor of History and Chairperson of the Department* (1996)
B.A., The College of William and Mary, 1981;
J.D., University of Chicago Law School, 1984;
M.A., University of Virginia, 1991;
Ph.D., University of Virginia, 1996
- JASON G. GILLMORE — *Assistant Professor of Chemistry* (2004)
B.S., Virginia Polytechnic Institute and State University, 1996;
M.S., Virginia Polytechnic Institute and State University, 1998;
Ph.D., University of Rochester, 2003

THE FACULTY

- PETER L. GONTHIER — *Professor of Physics* (1983)
B.A., Texas A & M, 1975;
Ph.D., Texas A & M, 1980
(Sabbatical leave fall semester 2008)
- MARY LINDA GRAHAM — *Professor of Dance and Chairperson of the Department* (1983)
B.F.A., University of Illinois, 1979;
M.F.A., University of Illinois, 1982
- CHARLES W. GREEN — *Professor of Psychology and Director of the Philip Phelps Scholars Program* (1983)
B.S., Trevecca College, 1978;
M.A., University of Florida, 1980;
Ph.D., University of Florida, 1983
- CURTIS GRUENLER — *Associate Professor of English* (1997)
B.A., Stanford University, 1985;
Ph.D., University of California, Los Angeles, 1997
- TONIA GRUPPEN — *Assistant Professor of Kinesiology and Athletic Trainer* (2001)
A.B., Hope College, 1998;
M.S., Indiana University, 1999
- KELSEY M. GUISBERT — *Visiting Instructor of Kinesiology* (2008)
A.B., Hope College, 2006;
M.A., University of Virginia, 2007
- JONATHAN D. HAGOOD — *Assistant Professor of History* (2008)
B.A., University of Texas at Austin, 1998;
M.A., University of California-Davis, 2005;
Ph.D., University of California-Davis (exp. 2008)
- BRIGITTE HAMON-PORTER — *Associate Professor of French* (1994)
License d'Histoire, Universite d'Angers, 1984;
Maitrise d'Histoire, Universite de Nantes, 1987;
M.A., Indiana University, 1992;
Ph.D., Indiana University, 1996
- JENNIFER R. HAMPTON — *Assistant Professor of Physics* (2007)
B.A., Oberlin College, 1995;
M.Phil., University of Cambridge, 1996;
Ph.D., Cornell University, 2002
- EDWARD C. HANSEN — *Professor of Geology and Environmental Science* (1984)
B.S., University of Cincinnati, 1978;
Ph.D., University of Chicago, 1983
(Sabbatical leave academic year 2008-09)
- KIM M. HAWTREY — *Professor of Economics* (2007)
B.Ec(Hons), University of Sydney, 1980;
Ph.D., University of New South Wales, 1987
- ANNE E. HEATH — *Assistant Professor of Art and Director of De Pree Art Gallery* (2007)
B.A., University of Maine, 1992;
M.A., Florida State University, 1998;
Ph.D., Brown University, 2005
- STEPHEN I. HEMENWAY — *Professor of English and Director of the Vienna Summer School* (1972)
A.B., College of the Holy Cross, 1964;
M.A., Boston College, 1967;
Ph.D., University of Illinois, 1972

THE FACULTY

- LYNNE HENDRIX, C.P.A. — *Professor of Accountancy* (1984)
B.A., Eastern Michigan University, 1978;
M.B.A., Grand Valley State University, 1985
- JAMES A. HERRICK — *The Guy Vander Jagt Professor of Communication* (1984)
B.A., California State University, 1976;
M.A., University of California, 1978;
Ph.D., University of Wisconsin-Madison, 1986
- JUDY HILLMAN — *The Howard R. and Margaret E. Sluyter Associate Professor of Art and Design* (1989)
B.S., Western Michigan University, 1967
- JONATHAN K. HODGE — *Visiting Associate Professor of Mathematics* (2008)
B.S., Calvin College, 1998;
M.A., Western Michigan University, 2000;
Ph.D., Western Michigan University, 2002
- ROBERT HODSON — *Associate Professor of Music* (2002)
B.M., Hope College, 1989;
M.M., Michigan State University, 1993;
Ph.D., University of Wisconsin-Madison, 2000
(Sabbatical leave fall semester 2008)
- JACK E. HOLMES — *Professor of Political Science* (1969) (1974)
B.A., Knox College, 1963;
M.A., University of Denver, 1967;
Ph.D., University of Denver, 1972
- STEVEN D. HOOGÉRWERF — *Associate Professor of Religion* (1992)
A.B., Hope College, 1977;
M.Div., Western Theological Seminary, 1981;
Ph.D., Duke University, 1991
- CHRISTINA M. HORNBACH — *Assistant Professor of Music and Coordinator of the Music Education Program* (2007)
B.M., University of Michigan, 1993;
M.M., University of Michigan, 1996;
Ph.D., Michigan State University, 2005
- TERESA HEINZ HOUSEL — *Assistant Professor of Communication* (2005)
B.A., Oberlin College, 1994;
M.A., University of Missouri, 2000;
Ph.D., Indiana University, 2005
- MARK A. HUSBANDS — *The Leonard and Marjorie Maas Associate Professor of Reformed Theology* (2007)
B.A., University of Toronto, 1987;
M.Rel., Wycliffe College, University of Toronto, 1990;
Ph.D., University of St. Michael's College, University of Toronto, 2005
- YOOYEUN HWANG — *Professor of Education* (1996)
B.S., Sacred Heart College for Women, South Korea, 1983;
M.A., University of California, Santa Barbara, 1990;
Ph.D., University of Wisconsin-Madison, 1996
- STEVEN IANNACONE — *Associate Professor of Dance* (1990)
B.A., Newark State College, 1972
(Sabbatical leave spring semester 2009)
- MARY L. INMAN — *Professor of Psychology* (1999)
B.S., Iowa State University, 1987;
M.A., University of Iowa, 1989;
Ph.D., University of Iowa, 1992
- VICKI J. ISOLA — *Visiting Assistant Professor of Biology* (2007)
B.S., Michigan Technological University, 1981;
Ph.D., University of Pennsylvania, 1988

THE FACULTY

- STACY L. JACKSON — *Associate Professor of Management* (2007)
B.A., University of Oklahoma, 1989;
M.A., Rice University, 1993;
Ph.D., Rice University, 1998
- KELLY JACOBSMA — *Director of Libraries with rank of Associate Professor* (1988)
B.A., Northern Michigan University, 1979;
M.L.S., University of Michigan, 1982
- RHODA JANZEN — *Associate Professor of English* (2000)
B.A., Fresno Pacific University, 1984;
M.A., University of Florida, Gainesville, 1989;
M.A., University of California, 1997;
Ph.D., University of California, 2002
- LYNN M. JAPINGA — *Associate Professor of Religion* (1992)
A.B., Hope College, 1981;
M. Div., Princeton Theological Seminary, 1984;
Ph.D., Union Theological Seminary, 1992
- LORNA HERNANDEZ JARVIS — *Professor of Psychology* (1993)
B.A., University of Akron, 1988;
M.A., Kent State University, 1990;
Ph.D., Kent State University, 1993
- MARK N. JENSEN — *Visiting Assistant Professor of Philosophy* (2007)
B.A., Miami University, 1995;
M.A., Talbot School of Theology, 2000;
M.A., University of Notre Dame, 2002;
Ph.D., University of Notre Dame, 2006
- MICHAEL J. JIPPING — *Professor of Computer Science and Chairperson of the Department* (1987)
B.S., Calvin College, 1981;
M.S., University of Iowa, 1984;
Ph.D., University of Iowa, 1986
- LOUIS J. JISONNA, JR. — *Postdoctoral Fellow in Physics* (2008)
B.S., University of Arizona, 2000;
M.S., Northwestern University, 2003;
Ph.D., Northwestern University, (exp. 2008)
- FRED L. JOHNSON, III — *Associate Professor of History* (2000)
B.S., Bowie State College, 1981;
M.A., Kent State University, 1993;
Ph.D., Kent State University, 1999
- JEFFREY B. JOHNSON — *Assistant Professor of Chemistry* (2007)
B.A., Gustavus-Adolphus College, 2000;
Ph.D., University of Wisconsin, 2004
- KRISTEN DEEDE JOHNSON — *Associate Director of the CrossRoads Project, Director of Studies in Ministry, and Assistant Professor of Political Science* (2005)
B.A., University of Virginia, 1998;
Ph.D., University of St. Andrews, 2004
- DEIRDRE D. JOHNSTON — *Professor of Communication and Chairperson of the Department* (1994)
B.A., Drake University, 1983;
M.A., University of Texas, 1985;
Ph.D., University of Iowa, 1988
- LINDA JORDAN — *Associate Professor of Education* (1997)
B.A., Central Michigan University, 1978;
M.A., Western Michigan University, 1993

THE FACULTY

- MARGARET A. KENNEDY-DYGAS — *Professor of Music* (1997)
B.Mus., Cleveland Institute of Music, 1975;
M.Mus., Indiana University School of Music, 1980;
D.Mus., Indiana University School of Music, 1984
- JULIE KIPP — *Associate Professor of English* (1998)
B.A., University of Notre Dame, 1984;
M.A., University of Notre Dame, 1992;
Ph.D., University of Notre Dame, 1997
- ROBIN K. KLAY — *Professor of Economics and Management* (1979)
B.A., Whitman College, 1968;
Ph.D., Princeton University, 1973
- DAVID J. KLOOSTER — *Professor of English and Chairperson of the Department* (2000)
B.A., Calvin College, 1975;
M.A., University of Chicago, 1976;
Ph.D., Boston College, 1985
- PAMELA R. KOCH - *Assistant Professor of Sociology* (2008)
B.S., South Dakota State University, 2000;
M.P.A., University of Nebraska, 2003;
Ph.D., University of South Carolina (exp. 2008)
- KIMBERLY A. KOTKOWICZ — *Associate Professor of Education* (2007)
B.S., Grand Valley State University, 1989;
M.A., Michigan State University, 1992;
Ph.D., Michigan State University, 2003
- M. DEAN KREPS — *Associate Professor of Kinesiology* (1986)
B.A., Monmouth College, Illinois, 1984;
M.S., University of Illinois, 1986
- BRENT P. KRUEGER — *Associate Professor of Chemistry* (2001)
B.S., Truman State University, 1993;
M.S., University of Chicago, 1994;
Ph.D., University of Chicago, 1999
- JOHN KRUPCZAK, JR. — *Professor of Engineering and Chairperson of the Department* (1994)
B.A., Williams College, 1980;
M.S., University of Massachusetts, 1986;
Ph.D., University of Massachusetts, 1994
(Sabbatical leave fall semester 2008)
- MARTHA LABARGE — *Assistant Professor of Accountancy* (2007)
A.B., Hope College, 1985;
M.B.A., Michigan State University, 1988
- PERRY LANDES — *Associate Professor of Theatre, Resident Sound and Lighting Designer, and Manager of Theatre Facilities* (1987)
B.A., Whitworth College, 1981;
M.F.A., University of Montana, 1987
- JOSEPH F. LA PORTE — *Associate Professor of Philosophy* (1998)
B.A., University of Steubenville, 1991;
M.A., University College, University of London, 1993;
Ph.D., University of Massachusetts at Amherst, 1998
- ANNE R. LARSEN — *Professor of French* (1984)
A.B., Hope College, 1970;
M.A., Columbia University, 1971;
Ph.D., Columbia University, 1975

THE FACULTY

- ANDREW LE — *Assistant Professor of Music* (2005)
B.M., University of Michigan, 1999;
M.M., University of Michigan, 2001;
D.M.A., The Juilliard School, 2007
- MOSES LEE — *Dean for the Natural and Applied Sciences and Professor of Chemistry* (2005)
B.S., University of Guelph, 1983;
Ph.D., University of Guelph, 1986
- HUW R. LEWIS — *Professor of Music* (1990)
A.R.C.M., Royal College of Music, London;
F.R.C.O., Emmanuel College, Cambridge University;
M.A., University of Michigan School of Music, 1983;
D.M.A., University of Michigan, 1990
- THOMAS E. LUDWIG — *The John Dirk Werkman Professor of Psychology* (1977)
B.A., Concordia College, 1972;
M.A., Christ Seminary (SEMINEX), 1975;
Ph.D., Washington University, 1977
- DONALD A. LUIDENS — *Professor of Sociology* (1977)
A.B., Hope College, 1969;
M.Div., Princeton Theological Seminary, 1972;
M.A., Rutgers University, 1974;
Ph.D., Rutgers University, 1978
- JOHN E. LUNN — *The Robert W. Haack Professor of Economics* (1992)
B.A., Samford University, 1970;
M.A., California State University, Hayward, 1975;
Ph.D., University of California, Los Angeles, 1980
- CATHERINE M. MADER — *Professor of Physics and Chairperson of the Department* (1993)
B.Sc., Colorado School of Mines, 1987;
M.Sc., Colorado School of Mines, 1989;
Ph.D., Michigan State University, 1993
- FARRAH N. MADISON — *HHMI Postdoctoral Fellow in Biology* (2007)
B.S., University of Nebraska, 2000;
M.S., University of Nebraska, 2002;
Ph.D., University of Arkansas, 2007
- HERBERT L. MARTIN — *Associate Professor of Management* (1982)
B.S., John Brown University, 1975;
M.S., University of Arkansas, 1977
- WILLIAM R. MAYER — *Professor of Art* (1978)
B.F.A., University of Minnesota, 1976;
M.F.A., Pennsylvania State University, 1978
- TAMBA EADRIC M'BAYO — *Assistant Professor of History* (2006)
B.A., University of Sierra Leone, Freetown, 1982;
M.A., Miami University of Ohio, 2000;
Ph.D., Michigan State University, 2007
- BRUCE MCCOMBS — *Professor of Art* (1969)
B.F.A., Printmaking, Cleveland Institute of Art, 1966;
M.F.A., Printmaking, Tulane University, 1968
- VIRGINIA M. MC DONOUGH — *Associate Professor of Biology* (1995)
B.S., Cook College, 1983;
Ph.D., Rutgers University, 1992

THE FACULTY

- RYAN L. MC FALL — *Associate Professor of Computer Science* (2000)
B.S., Hope College, 1993;
M.S., Michigan State University, 1995;
Ph.D., Michigan State University, 2000
- BARBARA A. MEZESKE — *Associate Professor of English* (1978)
A.B., Hope College, 1970;
M.A., Michigan State University, 1978
- RICHARD J. MEZESKE — *Professor of Education and Chairperson of the Department* (1992)
A.B., Hope College, 1969;
M.A., Michigan State University, 1978;
Ph.D., Michigan State University, 2000
- MICHAEL J. MISOVICH — *Associate Professor of Engineering* (2002)
B.A., Michigan State University, 1981;
B.S., Michigan State University, 1981;
M.S., Michigan State University, 1984;
M.S., Michigan State University, 1988;
Ph.D., Michigan State University, 1988
- JESUS A. MONTAÑO — *Associate Professor of English* (1999)
B.A., University of Texas at Austin, 1991;
M.A., The Ohio State University, 1996;
Ph.D., The Ohio State University, 1999
- BRIAN MORK — *Visiting Assistant Professor of Chemistry* (2007)
B.S., Hope College, 1983;
Ph.D., University of Illinois, 1988
- JACK E. MULDER JR. — *Assistant Professor of Philosophy* (2004)
A.B., Hope College, 2000;
M.A., Purdue University, 2003;
Ph.D., Purdue University, 2004
- MELISSA MULDER — *Instructor of Spanish* (2005)
A.B., Hope College, 1999;
M.A., Purdue University, 2001
- MEGAN C. MULLINS — *Director of the Carl Frost Research Center and Assistant Professor of Sociology* (2007)
B.A., Western Michigan University, 1994;
M.A., Western Michigan University, 1998;
Ph.D., Western Michigan University, 2004
- WILLIAM S. MUNGALL — *The Elmer E. Hartgerink Professor of Chemistry and Health Professions Advisor* (1971)
B.A., State University of New York at Buffalo, 1967;
Ph.D., Northwestern University, 1970
(Sabbatical leave academic year 2008-09)
- PHILLIP B. MUÑOZ III — *Professor of Religion* (1993)
B.Th., Grace Bible College, 1979;
M.A., Fuller Theological Seminary, 1983;
M.A., University of Michigan, 1989;
Ph.D., University of Michigan, 1993
- K. GREGORY MURRAY — *Professor of Biology* (1986)
B.A., California State University, Northridge, 1977;
M.S., California State University, Northridge, 1980;
Ph.D., University of Florida, Gainesville, 1986

THE FACULTY

- DAVID G. MYERS — *The John Dirk Werkman Professor of Psychology* (1982-2007)
and *Professor of Psychology* (1967)
B.A., Whitworth College, 1964;
M.A., University of Iowa, 1966;
Ph.D., University of Iowa, 1967;
L.H.D., Northwestern College, 1987;
L.H.D., Whitworth College, 1989
- FUMIHITO ANDY NAKAJIMA — *Assistant Professor of Japanese* (1996)
B.A., Hokusei Gakuen University, 1990;
M.Div., Western Theological Seminary, 1995;
Certificate in Teaching Japanese, Columbia University, 1998;
M.A., Columbia University, 2001
- STEVEN NELSON — *Associate Professor of Art and Chairperson of the Department*
(1989)
B.F.A., Western Michigan University, 1982;
M.F.A., Syracuse University, 1985
- ROGER J. NEMETH — *Professor of Sociology and Acting Chairperson of the
Department Spring Semester 2009* (1983)
B.A., Western Michigan University, 1978;
M.A., University of North Carolina, 1981;
Ph.D., University of North Carolina, 1986
- MARK E. NORTHUIS — *Professor of Kinesiology and Chairperson of the
Department* (1988)
A.B., Hope College, 1982;
M.A., University of Michigan, 1984;
Ph.D., University of Minnesota, 1998
- DAVID J. O'BRIEN — *Librarian with rank of Associate Professor and Head of
Access Services* (1991)
B.S., Pennsylvania State University, 1982;
M.Ed., University of Georgia, 1989;
M.S., University of Illinois at Urbana-Champaign, 1991
- WILLIAM A. PANNAPACKER — *Associate Professor of English* (2000)
B.A., Saint Joseph's University, 1990;
M.A., University of Miami, 1993;
M.A., Harvard University, 1997;
Ph.D., Harvard University, 1999
- LAURA S. PARDO — *Associate Professor of Education* (2005)
B.S., Central Michigan University, 1982;
M.A., Michigan State University, 1990;
Ph.D., Michigan State University, 2004
- JI HOON PARK — *Assistant Professor of Communication* (2006)
B.A., Yonsei University, Korea, 1998;
M.A., Simon Fraser University, Canada, 2002;
Ph.D., University of Pennsylvania, 2006
- JOHN PATNOTT — *Professor of Kinesiology* (1978)
B.A., California State University, 1969;
M.A., California State University, 1972;
Ph.D., University of Utah, 1989
- KAREN NORDELL PEARSON — *Visiting Associate Professor of Chemistry and
Director of the PEW Consortium* (2007)
B.A., Northwestern University, 1992;
Ph.D., Iowa State University, 1997
- MARK A. PEARSON — *Assistant Professor of Mathematics* (2003)
B.A., St. Olaf College, 1994;
M.A., University of Chicago Divinity School, 1997;
Ph.D., Northwestern University, 2003
-

THE FACULTY

- GRAHAM F. PEASLEE — *Professor of Chemistry and Chairperson of the Department, and Professor of Geology/Environmental Science* (1994)
A.B., Princeton University, 1981;
Ph.D., State University of New York, 1987
- TIMOTHY J. PENNINGS — *Professor of Mathematics* (1988)
B.S., University of North Dakota, 1979;
M.S., University of North Dakota, 1981;
Ph.D., Iowa State University, 1987
(Sabbatical leave fall semester 2008)
- ANTHONY NOVAK PEROVICH, JR. — *Professor of Philosophy* (1980)
A.B., University of California-Davis, 1973;
M.A., University of Chicago, 1974;
Ph.D., University of Chicago, 1978
(Sabbatical leave academic year 2008-09)
- PABLO A. PESCHIERA — *Assistant Professor of English* (2008)
A.B., Hope College, 1993;
M.A., Western Michigan University, 1998;
M.F.A., Western Michigan University, 1998;
Ph.D., University of Houston, 2005
- JONATHAN W. PETERSON — *Associate Professor of Environmental Science* (1994)
A.B., Hope College, 1984;
Ph.D., University of Chicago, 1989
- JEANNE PETIT — *Associate Professor of History* (2000)
B.A., Knox College, 1992;
M.A., University of Notre Dame, 1993;
Ph.D., University of Notre Dame, 2000
- ANNE-RENE PETRARCA — *Visiting Assistant Professor of Dance* (2009)
B.A., Point Park College, 1989;
M.F.A., University of Wisconsin, 2006
- JAMES C. PIERS — *Professor of Sociology and Social Work and Director of the Social Work Program* (1975)
A.B., Hope College, 1969;
M.S.W., University of Michigan, 1972;
Ph.D., Case Western Reserve University, 1997
- RICHARD G. PIIPPO — *Associate Professor of Music* (1999)
B.Mus., University of Wisconsin, 1970;
M.A., University of Wisconsin, 1975
- MICHAEL J. PIKAART — *Associate Professor of Chemistry* (1999)
B.S., Calvin College, 1986;
Ph.D., University of Michigan, 1992
- ARANZAZU PINAN-LLAMAS — *Assistant Professor of Geological & Environmental Sciences* (2007)
B.Sc., Universidad de Oviedo, 1996;
M.S., Universidad de Oviedo, 1999;
M.S., Boston College, 2002;
Ph.D., Boston University, 2007
- ALYSSA H. PITSTICK — *Assistant Professor of Religion* (2008)
B.A., Carroll College, 1993;
M.A., Gonzaga University, 1999;
S.T.L., International Theological Institute, Austria, 2002;
S.T.D., St. Thomas Aquinas, Rome, 2005

THE FACULTY

- JEFFREY J. POLET — *Associate Professor of Political Science and Chairperson of the Department* (2004)
B.A., Calvin College, 1985;
M.A., Catholic University of America, 1989;
Ph.D., Catholic University of America, 1992
- WILLIAM F. POLIK — *Edward and Elizabeth Hofma Professor of Chemistry* (1988)
B.A., Dartmouth College, 1982;
Ph.D., University of California, Berkeley, 1988
(Sabbatical leave academic year 2008-09)
- BRIAN E. PORTER, C.P.A., C.M.A. — *Associate Professor of Management* (1999)
B.A., Alma College, 1984;
M.B.A., University of Michigan, 1990;
Ph.D., Indiana University, Graduate School of Business, 1994
- JANET EVERTS POWERS — *Associate Professor of Religion* (1985)
B.A., Wellesley College, 1972;
M.A., Claremont Graduate School, 1973;
M.Div., Fuller Theological Seminary, 1977;
Ph.D., Duke University, 1985
- JULIA PHILLIPS RANDEL — *Assistant Professor of Music* (2005)
B.A., Yale University, 1993;
M.M., University of Kentucky, 1996;
M.A., University of Georgia, 1997;
Ph.D., Harvard University, 2004
- R. RICHARD RAY, JR. — *Dean for the Social Sciences and Professor of Kinesiology* (1982/2008)
B.S., University of Michigan, 1979;
M.A., Western Michigan University, 1980;
Ed.D., Western Michigan University, 1990
- STEPHEN K. REMILLARD — *Assistant Professor of Physics* (2007)
B.S., Calvin College, 1988;
M.S., College of William and Mary, 1990;
Ph.D., College of William and Mary, 1993
- GEOFFREY D. REYNOLDS — *Director of the Joint Archives of Holland with rank of Associate Professor* (S'1997)
B.S., Central Michigan University, 1989;
M.L.I.S., Wayne State University, 1995
- MAURA M. REYNOLDS — *Associate Professor of Latin and Director of Advising* (1975)
B.A., University of Illinois, 1968;
M.A., University of Illinois, 1970
- WILLIAM D. REYNOLDS — *Dean for the Arts and Humanities and Professor of English* (1971/1994)
A.B., Xavier University, 1966;
M.A., Columbia University, 1967;
Ph.D., University of Illinois-Urbana, 1971
- BRAD W. RICHMOND — *Professor of Music and Director of Choral Activities* (1998)
B.A., St. Olaf College, 1985;
M.M., University of Illinois at Urbana-Champaign, 1986;
D.M.A., Michigan State University, 1992
- MATTHEW M. C. ROBERTS — *Visiting Assistant Professor of Political Science* (2007)
B.A., Calvin College, 1998;
Ph.D., University of Minnesota (exp.)

THE FACULTY

- DAINA ROBINS — *Professor of Theatre and Chairperson of the Department* (1991)
B.A., Moorhead State University, 1975;
M.A., Tufts University, 1981;
Ph.D., Tufts University, 1988
- PATRICIA V. ROEHLING — *Professor of Psychology* (1987)
B.A., University of Michigan, 1980;
M.A., Wayne State University, 1984;
Ph.D., Wayne State University, 1986
- DAVID K. RYDEN — *Professor of Political Science* (1994)
B.A., Concordia College, 1981;
J.D., University of Minnesota Law School, 1985;
Ph.D., The Catholic University of America, 1994
- ELIZABETH M. SANFORD — *Associate Professor of Chemistry* (1994)
B.A., Smith College, 1987;
Ph.D., University of California, Los Angeles, 1992
- PETER J. SCHAKEL — *The Peter C. and Emajean Cook Professor of English* (1969)
B.A., Central College, Iowa, 1963;
M.A., Southern Illinois University, 1964;
Ph.D., University of Wisconsin, 1969
- REBECCA SCHMIDT — *Assistant Professor of Kinesiology* (2004)
A.B., Hope College, 1999;
M.S., Miami University of Ohio, 2003
- SCOTT J. SCHOUEST — *Visiting Assistant Professor of Music* (2008)
B.M., Centenary College of Louisiana, 1993;
M.M., University of Maryland, 1995
- LEIGH A. SEARS — *Assistant Professor of Kinesiology* (2000)
B.A., Ohio Wesleyan University, 1991;
M.S., Ithaca College, 1999;
Ph.D., The Ohio State University, 2007
- HAZUKI SEGAWA — *Visiting Assistant Professor of Japanese* (2007)
B.A., Waseda University, 1997;
M.A., Waseda University, 2000;
Ph.D., Waseda University, 2006
- HEATHER L. SELLERS — *Professor of English* (1995)
B.A., Florida State University, 1985;
M.A., Florida State University, 1988;
Ph.D., Florida State University, Tallahassee, 1992
(Sabbatical leave fall semester 2008)
- MICHAEL D. SEYMOUR — *Professor of Chemistry* (1978)
B.A., Saint John University, 1972;
Ph.D., University of Arizona, 1977
(Sabbatical leave academic year 2008-09)
- JOHN J. SHAUGHNESSY — *Professor of Psychology* (1975)
B.S., Loyola University, 1969;
M.S., Northwestern University, 1971;
Ph.D., Northwestern University, 1972
- JULIANE B. SHIBATA — *Visiting Assistant Professor of Art* (2008)
B.A., Carleton College, 2001;
M.F.A., Bowling Green State University, 2006
- MICHAEL T. SHORT — *Visiting Assistant Professor of Chemistry* (2008)
B.A., Northwestern University, 1975;
Ph.D., University of Illinois at Chicago, 1980

THE FACULTY

- MICHAEL E. SILVER — *The Frederick Garrett and Helen Floor Dekker Professor of Biomedicine and Chemistry* (1983)
B.S., Fairleigh Dickinson University, 1975;
M.S., Cornell University, 1979;
Ph.D., Cornell University, 1982
- CAROLINE J. SIMON — *The John H. and Jeanne M. Jacobson Professor of Philosophy and Director of General Education and Interdisciplinary Studies* (1988)
B.S., University of Oregon, 1976;
M.A., University of Washington, 1980;
Ph.D., University of Washington, 1986
(Sabbatical leave spring semester 2009)
- GLORIA M. SLAUGHTER — *Librarian with rank of Associate Professor* (1988)
B.A., Central Michigan University, 1971;
M.A., Western Michigan University, 1978
- RAYMOND E. SMITH — *Professor of Kinesiology and Director of Athletics for Men* (1970)
B.S., University of California, Los Angeles, 1961;
M.A., Pasadena College, 1963;
M.P.E., Western Michigan, 1975
- RICHARD L. SMITH — *Professor of Theatre and Resident Scene Designer* (1972)
B.F.A., University of Minnesota, 1969;
M.F.A., University of Minnesota, 1972
- STEVEN D. SMITH — *Professor of Kinesiology* (1990)
B.A., Grand Rapids Baptist College, 1982;
M.A., Michigan State University, 1984;
Ph.D., Michigan State University, 1989
- THOMAS M. SMITH — *The Dr. Leon A. Bosch '29 Professor of Management and Chairperson of the Department* (1993)
B.B.A., University of Michigan, 1980;
M.B.A., University of Iowa, 1983;
Ph.D., University of Michigan, 1994
- TRACI SMITH — *Instructor of Chemistry* (2005)
B.S., Northern Arizona University, 1995;
M.S., University of Texas, 1998
- ROBERT G. SOUTHARD — *Assistant Professor of Music* (2007)
B.M., Ithaca College, 1994;
M.M., University of Wisconsin, 1997;
D.M.A., Michigan State University, 2006
- CHRISTIAN SPIELVOGEL — *Associate Professor of Communication* (2000)
B.A., Pennsylvania State University, 1992;
M.A., Pennsylvania State University, 1997;
Ph.D., Pennsylvania State University, 2002
- TODD P. STEEN — *Professor of Economics* (1988)
B.S., Pennsylvania State University, 1981;
B.A., Indiana University of Pennsylvania, 1984;
M.A., Harvard University, 1987;
Ph.D., Harvard University, 1992
(Sabbatical leave fall semester 2008)
- DARIN R. STEPHENSON — *Associate Professor of Mathematics and Chairperson of the Department* (1997)
B.S., University of Kentucky, 1988;
M.S., University of Michigan, 1990;
Ph.D., University of Michigan, 1994

THE FACULTY

- JOANNE L. STEWART — *Professor of Chemistry* (1988)
B.A., Kalamazoo College, 1982;
Ph.D., University of California, Berkeley, 1988
(Sabbatical leave academic year 2008-09)
- JOHN R. STOUGHTON — *Associate Professor of Mathematics* (1983)
B.S., East Tennessee State University, 1969;
M.S., North Carolina State University, 1971;
Ph.D., University of Tennessee, 1978
- DEBORAH STURTEVANT — *Professor of Sociology and Social Work and
Chairperson of the Department* (1988)
A.B., Hope College, 1975;
M.S.W., Western Michigan University, 1984;
Ph.D., Michigan State University, 1997
(Sabbatical leave spring semester 2009)
- KATHERINE SULLIVAN — *Assistant Professor of Art* (2003)
B.F.A., University of Michigan, 1997;
M.F.A., Boston University, 2001
- TERRENCE J. SULLIVAN — *Visiting Assistant Professor of Biology* (2004)
B.A., Carleton College, 1991;
Ph.D., Arizona State University, 2003
- CHRISTINE E. SWAIN — *Assistant Professor of Spanish* (2006)
B.A., Middlebury College, 1991;
M.A., Cornell University, 1995;
Ph.D., Cornell University, 2003
- DEBRA H. SWANSON — *Professor of Sociology* (1989) (1994)
A.B., Hope College, 1983;
M.A., Catholic University of America, 1988;
Ph.D., Catholic University, 1995
- TODD M. SWANSON — *Assistant Professor of Mathematics* (1989) (1995)
B.S., Michigan State University, 1982;
B.S., Grand Valley State University, 1985;
M.A., Michigan State University, 1989
- DEBBIE J. SWARTHOUT — *Assistant Professor of Biology* (2001)
B.Sc., University of Cape Town, 1989;
B.Sc. (Hon.), University of Cape Town, 1990;
M.Sc., University of Cape Town, 1993;
Ph.D., University of Kansas, 1999
- STEVE TALAGA — *Instructor of Music* (1999)
B.A.A., Central Michigan University, 1986;
B.Mus., Western Michigan University, 1992;
M.M., Western Michigan University, 1994
- JOHN K. V. TAMMI — *Professor of Theatre* (1968)
B.A., Gustavus Adolphus College, 1963;
M.A., University of Minnesota, 1966
- STEPHEN K. TAYLOR — *Professor of Chemistry* (1985)
B.A., Pasadena College, 1969;
Ph.D., University of Nevada, Reno, 1974
- VICKI TEN HAKEN — *Associate Professor of Management* (2000)
A.B., Hope College, 1973;
M.B.A., Grand Valley State University, 1981
- NATHAN TINTLE — *Assistant Professor of Mathematics and Towsley Research
Scholar* (2005)
B.S., University at Albany, 2000;
M.S., Stony Brook University, 2003;
Ph.D., Stony Brook University, 2004

THE FACULTY

- JOEL J. TOPPEN — *Associate Professor of Political Science* (1997)
A.B., Hope College, 1991;
M.A., Purdue University, 1993;
Ph.D., Purdue University, 1998
- ELIZABETH A. TREMBLEY — *Associate Professor of English and Director of the FOCUS and SOAR Programs* (1988)
A.B., Hope College, 1985;
M.A., University of Chicago, 1986;
Ph.D., University of Chicago, 1991
- SONJA TRENT-BROWN — *Assistant Professor of Psychology* (2005)
B.A., Harvard/Radcliffe University, 1989;
M.A., University of South Florida, 1997
Ph.D., University of South Florida, 2004
- GLORIA S. TSENG — *Assistant Professor of History* (2003)
B.A., Pitzer College, 1992;
M.A., University of California Berkeley, 1995;
Ph.D., University of California Berkeley, 2002
- J. JEFFERY TYLER — *Professor of Religion* (1995)
A.B., Hope College, 1982;
M.Div., Western Theological Seminary, 1986;
Ph.D., University of Arizona, 1995
(Sabbatical leave spring semester 2009)
- JAMES VANDER MEER — *Associate Professor of Kinesiology* (1985)
A.B., Hope College, 1976;
M.A., Western Michigan University, 1982
- SCOTT W. VANDER STOEP — *Professor of Psychology and Chairperson of the Department* (1992-94) (1999)
A.B., Hope College, 1987;
M.A., University of Illinois at Urbana-Champaign, 1989;
Ph.D., University of Michigan, 1992
- STEVEN K. VANDERVEEN — *Professor of Management and Director of the Center for Faithful Leadership* (2004)
B.A., Calvin College, 1982;
M.B.A., Western Michigan University, 1985;
Ph.D., University of Illinois at Chicago, 1995
- KENT A. VAN TIL — *Visiting Assistant Professor of Religion* (2004)
B.A., Calvin College, 1980;
M.A., Northwestern University, 1982;
M.Div., Calvin Theological Seminary, 1989;
Ph.D., Marquette University, 2003
- GLENN VAN WIEREN — *Professor of Kinesiology* (1966) (1973)
A.B., Hope College, 1964;
M.A., Western Michigan University, 1968;
Ed.D., Brigham Young University, 1973
- ROGER L. VELDMAN — *Associate Professor of Engineering and Acting Chairperson of the Department Fall Semester 2008* (1998)
B.S., Hope College, 1989;
M.S.E., Western Michigan University, 1995;
Ph.D., Western Michigan University, 2001
- KATHLEEN VERDUIN — *Professor of English* (1978)
A.B., Hope College, 1965;
M.A., George Washington University, 1969;
Ph.D., Indiana University, 1980

THE FACULTY

- MELISSA VILLARREAL — *Assistant Professor of Social Work* (2001)
A.B., Hope College, 1990;
M.S.W., Western Michigan University, 1992
- BARBARA B. VINCENSI — *Assistant Professor of Nursing* (2006)
B.S.N., Purdue University, 1978;
M.S.N., Indiana University, 1985
- VICKI R. VOSKUIL — *Assistant Professor of Nursing* (2004)
B.S.N., Calvin College, 1989;
M.S., University of Michigan, 1994
- TODD J. WIEBE — *Instruction/Reference Librarian with rank of Assistant Professor* (2006)
B.A., Anderson University, 2003;
M.L.I.S., University of Denver (2006)
- BOYD H. WILSON — *Professor of Religion* (1982)
B.A., Trinity College, 1971;
M.A., Wheaton College, 1976;
Ph.D., University of Iowa, 1982
- KATHY WINNETT-MURRAY — *Professor of Biology* (1986)
B.S., University of California, Irvine, 1976;
M.S., California State University, Northridge, 1979;
Ph.D., University of Florida, Gainesville, 1986
- CHARLOTTE vanOYEN WITVLIET — *Associate Professor of Psychology* (1997)
B.A., Calvin College, 1991;
M.S., Purdue University, 1993;
Ph.D., Purdue University, 1997
- KARLA H. WOLTERS — *Professor of Kinesiology* (1987)
A.B., Hope College, 1973;
M.A., Michigan State University, 1978
- DANIEL S. WOOLSEY — *Assistant Professor of Spanish* (2005)
B.A., Wheaton College, 1996;
M.A., Wheaton College, 1998;
Ph.D., Indiana University, 2006
- JOHN A. YELDING — *Associate Professor of Education* (1994)
B.A., Michigan State University, 1969;
M.A., Western Michigan University, 1981
- BRIAN K. YOST — *Systems Librarian with rank of Associate Professor* (S'1997)
B.A., Calvin College, 1989;
M.S., University of Illinois at Urbana-Champaign, 1993
- JENNIFER R. YOUNG — *Assistant Professor of English* (2002)
B.A., Rutgers University, 1997;
M.A., City College of CUNY, 1998;
Ph.D., Howard University, 2004

ADJUNCT FACULTY

- JANICE B. ASLANIAN — *Adjunct Assistant Professor of English* (2001)
B.A., Western Michigan University, 1971;
M.S., University of Southern California, 1976
- AMY BADE — *Adjunct Assistant Professor of Psychology* (1998)
B.S., Niagara University, 1978;
M.S., University of Wisconsin-Madison, 1981;
Ed.D., Western Michigan University, 1991
- JACQUELINE BARTLEY — *Adjunct Assistant Professor of English* (1989)
B.S., Clarion University, 1973, 1974;
M.F.A., Western Michigan University, 1988

THE FACULTY

- TIMOTHY L. BROWN — *Adjunct Professor of Religion* (1996)
A.B., Hope College, 1973;
M.Div., Western Theological Seminary, 1976;
D.Min., Western Theological Seminary, 1992
- DEBORAH CRAIOVEANU — *Adjunct Assistant Professor of Music* (1992)
B.M., The Ohio State University, 1982;
M.Mus., Bradley University, 1987
- TOM DAVELAAR — *Adjunct Assistant Professor of Kinesiology* (1984)
A.B., Hope College, 1972
- JAMES R. DEBOER — *Adjunct Associate Professor of Music* (1986)
B.A., Calvin College, 1978;
M.A., Western Michigan University, 1982
- REBECCA DEVRIES — *Adjunct Assistant Professor of Communication* (2002)
B.S., Michigan Technological University, 1994;
M.A., Western Michigan University, 2004
- KIM MEILICKE DOUGLAS — *Adjunct Assistant Professor of English* (1995)
B.A., University of Arizona, 1987;
M.F.A., University of Arizona, 1990
- JENNIFER GARDINER-LAM — *Adjunct Assistant Professor of Art* (1997)
B.F.A., University of Michigan, 1990;
M.F.A., SUNY, Buffalo, 1993
- JAMES M. GENTILE — *The Kenneth G. Herrick Adjunct Professor of Biology* (1976)
B.A., St. Mary's College, 1968;
M.S., Illinois State University, 1970;
Ph.D., Illinois State University, 1974
- ALFREDO M. GONZÁLES — *Associate Provost, Dean for International and Multicultural Education, and Adjunct Associate Professor of Social Work* (1979/1984)
B.S., Grand Valley State Colleges, 1979;
M.S.W., University of Michigan, 1982
- JON J. HUISKEN — *Dean for Academic Services and Registrar, Adjunct Associate Professor of English* (1969)
A.B., Calvin College, 1965
- DAVID R. JAMES — *Adjunct Associate Professor of English and Director of the Writing Center* (1987)
A.B., Hope College, 1976;
M.A., University of Iowa, 1980
- CHERYLE E. JOLIVETTE — *Adjunct Assistant Professor of Physics* (1980)
B.A., University of Wisconsin, 1968;
M.A., University of Wisconsin, 1970
- SYLVIA KALLEMEYN — *Adjunct Associate Professor of Spanish* (1990/1995)
B.R.E., Reformed Bible College, 1974;
M.A.T., Calvin College, 1982
- DIANE K. LÚCAR-ELLENS — *Adjunct Associate Professor of Spanish* (1990/1995)
B.A., Calvin College, 1973;
M.Ed., Grand Valley State University, 1984
- MARLA HOFFMAN LUNDERBERG — *Adjunct Assistant Professor of English* (1994)
A.B., Hope College, 1982;
M.A., University of Chicago, 1986;
Ph.D., University of Chicago, 1996
- LARRY MALFROID — *Adjunct Associate Professor of Music* (1974)
- WILLIAM H. MOREAU — *Adjunct Associate Professor of English* (1983)
A.B., Hope College, 1976;
M.Ed., Grand Valley State Colleges, 1982

THE FACULTY

- MATT NEIL — *Adjunct Assistant Professor of Kinesiology* (1986)
A.B., Hope College, 1982;
M.A., Grand Valley State University, 1991
- JONATHAN W. OSBORN — *Adjunct Associate Professor of Sociology and Social Work* (1974)
A.B., Hope College, 1970;
M.S.W., Western Michigan University, 1972
- JANET MIELKE PINKHAM — *Adjunct Assistant Professor of Communication* (1989)
A.B., Hope College, 1984;
M.A., University of Kansas, 1987
- ROB POCOCK — *Adjunct Assistant Professor of Communication* (1989)
A.B., Hope College, 1977;
M.A., Michigan State University, 1981
- DIANNE R. PORTFLEET — *Adjunct Associate Professor of English* (1988)
B.H., Pennsylvania State University, 1969;
Ph.D., Columbia Pacific University, 1984
- DOUGLAS J. SMITH — *Adjunct Assistant Professor of Kinesiology* (1978)
A.B., Hope College, 1973;
M.A., Michigan State University, 1981
- RICHARD K. SMITH — *Adjunct Associate Professor of English* (1984)
A.B., Hope College, 1973;
M.A., University of Michigan, 1978
- JULIE SOOY — *Adjunct Assistant Professor of Music* (1999)
B.M., Bowling Green State University, 1990;
M.M., Bowling Green State University, 1994
- LINDA KAY STROUF — *Adjunct Assistant Professor of Music* (1988)
B.M., Hope College, 1984;
M.M., University of Wyoming, 1986
- ROBERT P. SWIERENGA — *A. C. Van Raalte Research Professor and Adjunct Professor of History* (1996)
B.A., Calvin College, 1957;
M.A., Northwestern University, 1958;
Ph.D., University of Iowa, 1965
- JILL VANDER STOEP — *Adjunct Assistant Professor of Mathematics* (1993)
B.S., Hope College, 1987;
M.S., University of Illinois at Urbana-Champaign, 1989;
M.S., University of Michigan, 1991
- KATHARINE S. VANCE — *Adjunct Assistant Professor of Mathematics* (2006)
B.S., Hope College, 1990;
M.S., University of Michigan, 1994
- ALLEN D. VERHEY — *The Evert J. and Hattie E. Blekkink Adjunct Professor of Religion* (1975) (1994)
B.A., Calvin College, 1966;
B.D., Calvin Theological Seminary, 1969;
Ph.D., Yale University, 1975
- CARLA VISSERS — *Adjunct Assistant Professor of English* (1998)
A.B., Hope College, 1988;
M.F.A., Western Michigan University, 1998
- DENNIS N. VOSKUIL — *The Evert J. and Hattie E. Blekkink Adjunct Professor of Religion* (1977)
B.S., University of Wisconsin, 1966;
B.D., Western Theological Seminary, 1969;
Ph.D., Harvard University, 1974

THE FACULTY

JENNIFER WOLFE — *Adjunct Assistant Professor of Music* (1998)

B.Mus., University of Toronto, 1985;

M.M.A., University of Illinois at Urbana-Champaign, 1986;

M.M.A., Michigan State University, 1991

STEPHEN J. ZYLSTRA — *Adjunct Assistant Professor of Computer Science* (1992)

B.Mus., Hope College, 1975

PART-TIME LECTURERS

ROSANNE BARTON-DEVRIES — *Dance* (2000)

B.A., Grand Valley State University

LINDA BOOKER — *Dance* (1987)

B.S., Central Michigan University;

M.A., Western Michigan University

LYNE BURKEY — *Education* (1999)

B.A., Indiana University;

M.A., Western Michigan University

RICHARD CHAMBERS — *Education* (2001)

B.S., Central Michigan University;

M.A., Michigan State University

NANCY CHAMNESS — *Modern and Classical Languages* (1994)

B.A., Earlham College;

M.A., Indiana University;

Ph.D., Indiana University

NANCY CLARK — *Education* (2000)

B.S., Western Michigan University;

M.A., Western Michigan University

BARBARA CORBAT_ — *Music* (2002)

B.M., University of Michigan;

M.M., University of Michigan

JIM DEHORN — *Kinesiology* (1970)

B.S., Hope College;

M.A., Western Michigan University

SUZANNE DEVRIES-ZIMMERMAN — *Geological & Environmental Sciences* (1999)

B.S., Hope College;

A.B., Hope College;

M.S. Princeton University

KURT DYKSTRA — *Economics, Management & Accounting* (2004)

B.A., Northwestern College;

J.D., Marquette University

BOB EBELS — *Kinesiology* (1991)

MARY ELZINGA — *Education* (1996)

A.B., Hope College

LINDSEY ENGELSMAN — *Kinesiology* (2001)

A.B., Hope College

JOHN ERSKINE — *Music* (1996)

MARGARET C. FINCHER — *English* (1997)

B.A., Michigan State University

STEVE GORNO — *Kinesiology* (1993)

B.S., Illinois State University

GESENA GROENENDYK — *Education* (2000)

B.A., Calvin College;

M.A., Western Michigan University

THE FACULTY

- CLAUDIA HAYES-HAGAR — *Art* (1997)
A.B., Hope College
- RUTH HOFMEYER — *Education* (2002)
A.B., Hope College;
M.A., Western Michigan University
- PATRICK HULST — *Kinesiology* (1997)
B.S., Calvin College;
M.D., Wayne State University
- JAMES JOHNSON — *Psychology* (2004)
B.S., Xavier University;
M.S., Xavier University;
Ph.D., St. Louis University
- SANDI KARAFKA — *Kinesiology* (1995)
B.S., Castleton State College;
M.S., Indiana State University
- LAURA KOLEAN — *Music* (2000)
B.M., Hope College;
M.M., Western Michigan University
- GAYLE KUIPERS — *Kinesiology* (1995)
A.B., Hope College
- JAY R. LINDELL — *Religion* (1997)
A.B., Hope College;
M.Div., Western Theological Seminary
- PAM MAAT — *Education* (1992)
B.A., Calvin College;
M.A., Grand Valley State University
- JAMES MITCHELL — *Kinesiology* (1990)
A.B., Hope College
- BETH MONHOLLON — *Education* (1996)
B.A., Central Michigan University
- DEAN MOREHOUSE — *Kinesiology* (2001)
B.S., Michigan State University;
M.A., Western Michigan University
- KATHY NATHAN — *Communication* (2004)
B.A., Auburn University;
M.A., University of Houston
- TONY NORKUS — *Education* (2002)
B.A., Western Michigan University;
M.A., Central Michigan University
- KAREN PAGE — *Kinesiology* (1994)
B.A., Iowa State University
- SHERRI PILON — *Music* (2001)
B.M., University of Wisconsin;
M.M., Webster University
- GREGORY RAPPLEYE — *English* (2000)
B.A., Albion College;
J.D., University of Michigan;
M.A., Warren Wilson College
- CHAD RUBY — *Kinesiology* (2002)
A.B., Hope College
- MARY SCHEERHORN — *Nursing* (1999)
B.S.N., Grand Valley State University;
M.S.N., Andrews University

THE FACULTY

- LEE SCHOPP — *Kinesiology* (1994)
A.B., Hope College
- GREG SECOR — *Music* (1996)
B.M., Western Michigan University;
M.M., University of Cincinnati, College Conservatory of Music
- MICHAEL SEGER — *Kinesiology* (1999)
B.S., Alma College
- JOHN SKOGLUND — *Education* (2002)
B.A., Michigan State University;
M.A., Michigan State University
- AMANDA SMITH-HEYDEN — *Dance* (2002)
- CHARLES STRIKWERDA — *Political Science* (1982)
B.A., Calvin College;
M.A., University of Wisconsin-Madison;
Ph.D., University of Kentucky
- JOSEPH STUKEY — *Biology* (1997)
B.A., Rutgers University;
Ph.D., Rutgers University
- MARY ANN STURKEN — *Education* (2003)
B.S., University of Hartford;
M.Ed., Brenau University;
M.A.T., Oakland University;
Ph.D., Oakland University
- JANE VANDERVELDE — *Political Science* (2000)
A.B., Hope College
M.A., Central Michigan University
J.D., Thomas M. Cooley Law School
- JUDITH VANDERWILT — *Education* (2003)
A.B., Hope College;
M.A., Western Michigan University
- MICHAEL VAN LENTE — *Music* (1997)
A.B., Hope College
- BRIAN VANZANTEN — *Kinesiology* (1999)
B.S., Hope College;
M.A., Grand Valley State University
- LEIGH WENDTLAND O'CONNOR — *Psychology* (1997)
B.S., Baldwin-Wallace College;
M.S., University of Connecticut;
Ph.D., University of Connecticut
- WESLEY WOOLEY — *Kinesiology* (1990)
A.B., Hope College

ADMINISTRATIVE STAFF



PRESIDENT OF THE COLLEGE

JAMES E. BULTMAN* — *President and Professor of Education* (1968) (1999)
DELORES WERNETTE — *Executive Assistant to the President* (2005)
B.S., Central Michigan University

ACADEMIC ADMINISTRATION

JAMES N. BOELKINS* — *Provost and Professor of Biology* (2002)
ALFREDO M. GONZÁLES* — *Associate Provost and Dean for International and Multicultural Education* (1979/1984)
JON J. HUISKEN* — *Dean for Academic Services and Registrar* (1969)
MOSES LEE* — *Dean for the Natural and Applied Sciences and Professor of Chemistry* (2005)
R. RICHARD RAY, JR.* — *Dean for the Social Sciences and Professor of Kinesiology* (1982/2008)
WILLIAM D. REYNOLDS* — *Dean for the Arts and Humanities and Professor of English* (1971/1994)
BEV HARPER — *Administrative Assistant to the Dean for the Natural and Applied Sciences* (1997/2007)
B.S.W., Arizona State University
TRACEY NALLY — *Director of Sponsored Program Research* (1995/2007)
B.S., Purdue University
CHERYL MCGILL SCHAIRER — *Administrative Assistant to the Dean for the Social Sciences and Director of Teacher Certification* (1977)
RAJEAN WOLTERS — *Administrative Assistant to the Dean for the Arts and Humanities* (2005)
A.B., Hope College;
M.A., Western Michigan University
LANNETTE ZYLMAN-TENHAVE — *Administrative Assistant to the Provost* (2001)
A.B., Hope College
Staff
M. Cristina Ivey; Secretary, Office of the Provost (2002)

ACADEMIC DEPARTMENTAL OFFICE STAFF

ArtKristin VanHaitsma (2002)
BiologyJoan Van Houten (2000)
ChemistryDonna Sova (2007)
CommunicationLinda Koetje (1994)
DanceStephanie Brumels (2002)
Economics, Management & AccountingJoy Forgewe Ortiz (1983)
Rowene Beals (1996)
EducationBarbara Scholten (1990), Brenda Crisp (1993) (1995)
EnglishMyra Kohsel (1973) (1983)
Geological & Environmental SciencesLois Roelofs (1985)
HistoryKathleen O'Connor (1993)
KinesiologyJoyce Otto (1986), Jamie DeWitt (1992)
Modern & Classical LanguagesKaren Barber-Gibson (1986)
MusicKathy Waterstone (1989)
NursingPamela Dinucci (2007)
Philosophy & Political ScienceSally Smith (1991)

*See Faculty Listing for degrees.

ADMINISTRATIVE STAFF

Physics & Engineering/Computer Science/Mathematics	Jil Ponstein (1997) Marlene Field (1999), Cathy Stoel (2004)
Psychology	Kathleen Adamski (1981)
Religion	Pamela Valkema (1989)
Sociology/Social Work	Lisa Lampen (1999)
Theatre	Judyth Thomas (1987)

ACADEMIC RECORDS/REGISTRAR

- JON J. HUISKEN* — *Dean for Academic Services and Registrar* (1969)
MAURA REYNOLDS* — *Director of Academic Advising* (1988)
GLORIA SHAY — *Associate Registrar* (1986)
 B.A., Mundelein College
CAROL DE JONG — *Associate Registrar* (1988)
 B.A., Dordt College
ELIZABETH TREMBLEY* — *Director of FOCUS and SOAR Programs* (2002)
SHARON HOOGENDOORN — *Academic Systems Manager/Banner Coordinator*
(1987)
 A.B., Hope College
Staff
 Merrie Bannink, Assistant to the Registrar (1987) (1990)
 Douglas Dygas, Records Clerk (2001)
 Elizabeth Steenwyk, Academic Credit Evaluator (2005)

ACADEMIC SUPPORT CENTER

- JANET MIELKE PINKHAM* — *Director of Academic Support Center* (1989)
DAVID R. JAMES* — *Director of Writing Center* (1982) (1987)
JEANNE LINDELL — *Coordinator of Academic Support Services for Students with Disabilities* (1992)
 A.B., Hope College;
 M.S.W., Western Michigan University
Staff
 Lisa Lampen, Secretary (1999)

ATHLETIC FACILITIES AND PROGRAMS

- JORGE CAPESTANY — *Manager of DeWitt Tennis Center* (2003)
 B.A., Grand Valley State University
BRIAN D. MOREHOUSE — *Director of DeVos Fieldhouse and Dow Center* (1991)
 A.B., Hope College
KRISTEN MORRISON — *Assistant Director of Dow Center and Director of Intramurals* (2003)
 A.B., Hope College
KAREN PAGE — *Director of DeWitt Tennis Center* (1998)
 B.A., Iowa State University
MICHAEL RICKETTS — *Football Recruiter and Defensive Coordinator* (1995) (2003)
 B.A., Augustana College;
 M.S., Eastern Illinois University
GORDON VANDER YACHT — *Physical Education and Athletic Equipment Manager*
(1988)
 B.S., Grand Valley State University
Staff
 Joyce Otto, Office Manager (1986)
 Jamie DeWitt, Secretary (1992)
 Patricia Gosselar, DeWitt Tennis Center Assistant (1994)
 Nathan Price, Tennis Professional (2004)

ADMINISTRATIVE STAFF

CENTER FOR FAITHFUL LEADERSHIP

STEVEN K. VANDERVEEN* — *Director* (2004)

ELLEN TANIS AWAD — *Associate Director* (2000)

A.B., Hope College;

M.Ed., University of Georgia

MARCIA FLODING — *Coordinator of Mentoring* (2007)

B.A., Bethel University

Staff

Sarah Kolean, Office Assistant (2005)

THE CROSSROADS PROJECT

DAVID S. CUNNINGHAM* — *Director of The CrossRoads Project and Professor of Religion* (2003)

KRISTEN DEEDE JOHNSON* — *Associate Director of The CrossRoads Project, Director of Studies in Ministry, and Assistant Professor of Political Science* (2005)

MARCIA FLODING — *Coordinator of Mentoring and Internships* (2007)

B.A., Bethel University

Staff

Shelly Arnold, Administrative Assistant (2003)

EDUCATION

BARBARA ALBERS — *Director of Project TEACH* (1996)

A.B., Calvin College;

M.A., St. Louis University

LISA FRISSORA — *Director, Program for Academically Talented at Hope (PATH)* (2004)

B.A., Ohio Dominican College

CHERYL MCGILL SCHAIRER — *Director of Teacher Certification* (1977)

THE CARL FROST CENTER FOR SOCIAL SCIENCE RESEARCH

MEGAN MULLINS* — *Director* (2007)

LAURIE VAN ARK — *Assistant Director* (2000)

A.B., Hope College;

M.Ed., University of Cincinnati

CATHERINE BROOKS — *Research Associate* (2006)

B.A., Williams College

LINDA WARNER — *Research Associate* (2005)

A.B., Hope College

INTERNATIONAL EDUCATION

AMY OTIS — *Director of International Education* (1996)

A.B., Hope College;

M.A., School for International Training

HABEEB AWAD — *International Student Advisor* (2000)

B.A., Northwestern College;

M.Div., Western Theological Seminary

MEG FINCHER — *English as a Second Language Coordinator* (1997)

B.A., Michigan State University

Staff

Kendra L. Williams, Office Assistant (1985)

THE JOINT ARCHIVES OF HOLLAND

GEOFFREY D. REYNOLDS* — *Director of the Joint Archives of Holland with rank of Associate Professor* (1997)

Staff

Lori Trethewey, Secretary (1993)

ADMINISTRATIVE STAFF

LABORATORIES AND EQUIPMENT CENTERS

- DAVID C. DAUGHERTY — *Machinist for Natural Sciences Laboratories* (2003)
KEVIN GARDNER — *Director of Physics and Engineering Laboratories* (1978)
B.S., M.S., Ball State University
TOD GUGINO — *Director of Chemistry Laboratories* (1986)
B.S., Hope College
LORI HERTEL — *Director of Biology Laboratories* (1984)
B.A., M.S., Western Michigan University
VICKI SLOT — *Director of Nursing Laboratories* (2005)
B.S.N., Grand Valley State University
PAUL J. VAN ALLSBURG — *Computational Science and Modeling Laboratory* (2005)
B.S., Central Michigan University

LIBRARY

- KELLY JACOBSMA* — *Director of Libraries with rank of Associate Professor* (1988)
COLLEEN CONWAY* — *Librarian with rank of Associate Professor and Head of Technical Services* (1989)
PRISCILLA D. ATKINS* — *Librarian with rank of Associate Professor* (1994)
RACHEL A. BISHOP* — *Instruction/Reference Librarian with rank of Assistant Professor* (2005)
JANE P. CURRIE* — *Humanities Instruction/Reference Librarian with rank of Assistant Professor* (2003)
DAVID O'BRIEN* — *Librarian with rank of Associate Professor and Head of Access Services* (1991)
GLORIA SLAUGHTER* — *Librarian with rank of Associate Professor* (1988)
TODD J. WIEBE* — *Instruction/Reference Librarian with rank of Assistant Professor* (2006)
BRIAN YOST* — *Systems Librarian with rank of Associate Professor* (1997)
JOHN HOYER — *Music Library Associate* (1999)
B.Mus.Ed., Webster University
CARLA KAMINSKI — *Library Associate* (2000)
A.B., Hope College
MICHELLE KELLEY — *Inter-Library Loan Associate* (2005)
A.B., Hope College
CHRISTINE NELSON — *Library Associate* (1979)
A.B., Hope College
PATRICIA O'BRIEN — *Library Associate* (1992)
B.A., Grand Valley State University
DAWN VAN ARK — *Library Associate* (1971)
A.B., Hope College
JAN ZESSIN — *Media Services Coordinator* (1989)
A.B., Hope College
Staff
Patti Carlson, Administrative Assistant (1990)
John Dykstra, Serials Associate (2005)
Daphne Fairbanks, Tech Lab Librarian (2004)
Patricia Murphy, Technical Services Assistant (1999)
Barbara VandenBerg, Circulation Assistant (2003)

MULTICULTURAL EDUCATION

- VANESSA GREENE — *Director of Multicultural Education* (2003)
B.S., Grand Valley State University;
M.Ed., Grand Valley State University

ADMINISTRATIVE STAFF

LATOYA GATES — *Assistant Director of Multicultural Education* (2007)

B.A., Grand Valley State University;

M.Ed., Grand Valley State University

Staff

Sara Park, Office Coordinator (2005)

THEATRE PRODUCTION

PERRY LANDES* — *Manager of Theatre Facilities* (1987)

PAUL K. ANDERSON — *Technical Director* (1991)

A.B., Hope College

DAVID COLACCI — *Artistic Director, Hope Summer Repertory Theatre* (1989)

B.A., Augsburg College;

B.F.A., Southern Methodist University

MARY SCHAKEL — *Producing Director, Hope Summer Repertory Theatre* (1981)

A.B., Hope College

JUDYTH THOMAS — *Production Associate, Hope Summer Repertory Theatre* (1987)

A.B., Hope College;

M.R.E., Western Theological Seminary

A. C. VAN RAALTE INSTITUTE

JACOB E. NYENHUIS* — *Director of the A. C. Van Raalte Institute* (2001) and
Provost Emeritus and Professor Emeritus of Classics (1975-2001)

DONALD J. BRUGGINK — *Senior Research Fellow* (2003)

B.A., Central College;

B.D., Western Theological Seminary;

Ph.D., University of Edinburgh

PETER ESTER — *Adjunct Research Professor* (2007)

M.A., Utrecht University;

Ph.D., Erasmus University, Rotterdam

JEANNE M. JACOBSON* — *Senior Research Fellow* (1996) and *Adjunct Professor
Emerita of Education* (1996-1999)

EARL WM. KENNEDY — *Senior Research Fellow* (2003)

A.B., Occidental College;

B.D., Fuller Theological Seminary;

Th.M., Princeton Theological Seminary;

Th.D., Princeton Theological Seminary

ROBERT P. SWIERENGA* — *A. C. Van Raalte Research Professor and Adjunct
Professor of History* (1996)

Staff

Karen Schakel, Editorial Assistant/Office Manager (1997)

B.A., Central College

ADMISSIONS

WILLIAM C. VANDERBILT — *Vice President for Admissions* (2007)

A.B., Hope College;

M.B.A., Kellogg School of Management, Northwestern University

LAURIE BROCK — *Administrative Assistant to the Vice President for Admissions*
(1976)

A.B., Hope College

CAROL FRITZ — *Senior Associate Director of Admissions* (1993)

B.S., Wartburg College

GARRETT M. KNOTH — *Senior Associate Director of Admissions* (1991)

B.A., Cornell College;

M.A., University of Iowa

ADMINISTRATIVE STAFF

- GARY CAMP — *Associate Director of Admissions* (1978)
A.B., Hope College;
M.A., Michigan State University
- GREG KERN — *Associate Director of Admissions* (2001)
A.B., Hope College
- BARB MILLER — *Associate Director of Admissions* (1989)
A.B., Hope College
- TRAVIS GOLDWIRE — *Assistant Director of Admissions* (2005)
A.B., Hope College
- ANDREW MEYERS — *Assistant Director of Admissions* (2005)
B.Mus., Hope College
- STACEY SALAS — *Assistant Director of Admissions* (2003)
B.A., Evangel University
- KATHRYN SCHULTE — *Assistant Director of Admissions* (2005)
A.B., Hope College
- KRISTIN DIEKEVERS — *Admissions Representative* (2007)
A.B., Hope College
- LEAH DYKSTRA — *Admissions Representative* (2007)
B.A., Northwestern College
- AMY FLAVIN — *Admissions Representative* (2006)
A.B., Hope College
- ADAM HOPKINS — *Admissions Representative* (2007)
A.B., Hope College
- ELIZABETH PAARLBERG — *Admissions Representative* (2007)
A.B., Hope College
- LINDA PHILLIPS — *Admissions Representative* (2006)
A.B., Hope College
- Staff**
- | | |
|------------------------|-------------------------|
| Karen Barr (1981) | Janet Gibson (1992) |
| Georgia de Haan (1988) | Barb Grooters (2006) |
| Laura Ebels (1998) | William Helder (2006) |
| Mollie Galioto (1998) | Mandy Stephenson (2007) |
| Kathleen Geenen (2007) | Barb Werley (2003) |

BUSINESS SERVICES

- THOMAS W. BYLSMA — *Vice President and Chief Fiscal Officer* (2005)
A.B., Hope College
- DIANA BENZENBERG — *Financial Analyst and Assistant to the Vice President* (1990)
A.B., Hope College
- DOUGLAS VANDYKEN — *Director of Finance and Business Services* (1987)
A.B., Hope College;
M.B.A., Grand Valley State University
- KEVIN KRAAY — *Business Manager* (1985)
A.B., Hope College
- JACQUELINE KACMAR — *Accounting Manager* (2000)
A.B., Hope College
- HOLLI OVERBEEK — *Manager of Accounts Receivable* (1996)
A.B., Hope College
- Staff**
- Jane Corson, Student Account Representative
Teresa DeGraaf, Accountant (2007)
Shirley Harmsen, Accounts Payable (2000)
Kris Solomon, Accounts Payable/Purchasing (1998)
Natalie Vasquez, Accounts Receivable (2006)

ADMINISTRATIVE STAFF

COMPUTING AND INFORMATION TECHNOLOGY

- CARL E. HEIDEMAN — *Director of Systems and Innovation* (1988)
B.S., Hope College
- JEFF PESTUN — *Associate Director of Computing and Information Technology* (1998)
B.S., Hope College
- STEVEN L. BAREMAN — *System Manager* (1987)
B.S., Hope College
- JON BROCKMEIER — *System Manager* (1998)
B.S., Hope College
- STEVEN DE JONG — *Computer Applications Specialist* (1985)
A.A., Champlain College
- CHRISTINE GOULD — *Project Manager* (2005)
B.S., Davenport College;
M.P.A., Grand Valley State University
- KATE MAYBURY — *Training Specialist* (1990)
B.S., M.S., University of Illinois
- CHRIS MCDOWELL — *Programmer Analyst* (1985)
B.S., Grand Valley State University
- REBECCA ROBRAHN — *Project Manager* (1996)
A.B., Hope College
- PAULINE ROZEBOOM — *Service Manager* (1982)
- CHERYL A. SHEA — *Programmer Analyst* (1979)
B.A., Temple University
- MARIA TAPIA — *Production Support Supervisor* (1967)
- DEAN THAYER — *System Manager* (2005)
B.S., Hope College
- MARGIE WIERSMA — *Project Manager* (1996)
- KRIS WITKOWSKI — *Project Manager* (1987)
A.B., Hope College
- Staff**
- Abraham Anaya, Lab Manager (1987)
Brad Bouwkamp, Senior Technician (1987)
David Elsbury, Technician (1995)
Kevin Mendels, Lead Technician (1996)
Jeremy Meyer, Technician (1996)

EVENTS AND CONFERENCES

- DEREK EMERSON — *Director of Events and Conferences* (1989)
A.B., Hope College;
M.A., Western Michigan University
- ANNE BAKKER — *Assistant Director of Events and Conferences* (1987) (2005)
A.B., Hope College;
M.A., Western Michigan University
- HEATHER MAAS-RODEN — *Assistant Director of Events and Conferences* (1999)
A.B., Hope College
- CURT COPELAND — *Events and Conferences Manager* (2006)
A.B., Hope College
- KRISTI DUNN — *Events and Conferences Manager* (1996)
- ERIK ALBERG — *Technical Director for Events and Conferences* (1996)
A.B., Hope College;
M.F.A. (PTTP), University of Delaware

ADMINISTRATIVE STAFF

HOSPITALITY SERVICES

CHARLES MELCHIORI — *Executive Director of Hospitality* (1986)

B.A.S., Grand Valley State College;

M.M., Aquinas College

SANDY HARMON — *Haworth Center General Manager* (1990)

B.B.A., Grand Valley State University

BETH MCBRIDE — *Sales Manager* (2002)

B.S.B.A., Robert Morris University

RANDY TAYLOR — *Chef* (2008)

B.A., Michigan State University

JULIA ZWOLINSKI — *Food and Beverage Manager* (2006)

B.S., Grand Valley State University

Staff

Lori Hibma, Sales Assistant (2006)

Stephanie Zdun, Event Coordinator (2004)

FINANCIAL AID

PHYLLIS KLEDER HOOYMAN — *Director of Financial Aid* (1974)

A.B., Hope College

CARLA BENDER — *Associate Director of Financial Aid* (2002)

B.A., Oakland University

MARTY REYES — *Assistant Director of Financial Aid* (1978)

JANICE BOOCKMEIER — *Manager of Systems and Processes* (2001)

Staff

Charletta Berry, Office Coordinator (2007)

Connie Vandemark, Financial Aid Specialist (2006)

HOPE-GENEVA BOOKSTORE

MARK COOK — *Director of Hope-Geneva Bookstore* (1973)

A.B., Hope College

Staff

Sarah Anderson, Supplies Buyer (1978)

Julie Barney, Office Manager (1985)

Bob Bos, Mailroom Assistant

Mary Deenik, Textbook Manager (1995)

Sally Hoekstra, Trade Book Buyer (1989)

Andrew Huisman, Mailroom Supervisor (1995)

Jeanne Kinkema, Cashier (1973)

Deborah Sanderson, Insignia Buyer (1993)

Paula Shaughnessy, Bookstore Assistant (2000)

Jane Smith, Catalog Sales (2004)

Melinda Smith, Receiving (2002)

Chris Wennersten, Cashier (1995)

HUMAN RESOURCES

LORI MULDER — *Director of Human Resources* (1996)

A.B., Hope College

CONNIE VANDER ZWAAG — *Compensation and Benefits Manager* (2005)

B.A., Spring Arbor College

SUSAN BECKMAN — *Wellness Director* (2008)

B.A., College of William and Mary;

M.S., Purdue University;

M.Div., Western Theological Seminary

ADMINISTRATIVE STAFF

Staff

Carla Davis, Office Assistant and Student Employment Coordinator (2000)
Krista Deur, Office Assistant and Employment Coordinator (2004)
Dianna Machiela, Payroll (2000)

PHYSICAL PLANT

GREG MAYBURY — *Director of Operations* (1990)
A.B., Dartmouth College;
M.S., University of Illinois
GERALD RADEMAKER — *Director of Physical Plant* (1994)
B.S., Western Michigan University
KATHLEEN ARNOLD — *Physical Plant Operations Manager* (1989)
JAMES BROWN — *Physical Plant Project Manager* (1997)
B.S., M.A., Central Michigan University;
C.T.S., Bethel Theological Seminary
MICHAEL MC CLUSKEY — *Supervisor of Maintenance Services* (1994)
A.A.S., Ferris State University
ROBERT HUNT — *Grounds Manager* (1988)

Staff

Fred Cronberg, Building Services Manager (1999)
Bill Large, Building Services Manager (2004)
Tony Van Houten, Physical Plant Event Manager (1993)
Sue Volkers, Building Services Manager (1995)
Doug Wehrmeyer, Building Services Manager (1978)
Lela Wilson, Building Services Manager (1993)
Edna Zeeff, Secretary (1982)

CAMPUS SAFETY

JERRY GUNNINK — *Director of Occupational Health and Fire Safety* (1981)
B.S., Grand Valley State College
ERIN BENZENBERG — *Office Manager* (2000)

Officers

Henry Chen (2000)	Glendene Lahr (1994)
Mike Everse (2000)	Steven Scholl (1999)
Jason Geurink (2003)	Sgt. Chad Wolters (1996)
Mike Lafata (1989)	

Staff

Milagro Brunink, Office Assistant (2000)
Todd Lynema, Locksmith (1994)
Laura Clark, Information Center (2007)
Nancy Curnick, Information Center (1997)
Luanne Lampen, Information Center (2006)
April Myler, Information Center (2007)
MaryAnn Permesang, Information Center (1985)
Mary Speet, Information Center (2007)
Chrissy Wahlstrom, Information Center (2006)

TRANSPORTATION

WILLIAM MARCUS — *Transportation Supervisor* (1993)

Staff

Chris Mulder, Mechanic (2003)
Shelly Van Loo, Transportation Scheduler (1997)

ADMINISTRATIVE STAFF

COPY WORKS!

MARGIE WIERSMA — *Supervisor* (1996)

Staff

Kristi Rosendahl (2007)

CAMPUS MINISTRIES

TRYGVE JOHNSON — *The Hinga-Boersma Dean of the Chapel* (2005)

B.A., Northwestern College;

M.Div., Western Theological Seminary;

Ph.D., University of St. Andrews (exp.)

PAUL H. BOERSMA — *The Leonard and Marjorie Maas Endowed Senior Chaplain* (1994)

A.B., Hope College;

M.Div., Western Theological Seminary

KATHRYN DAVELAAR — *Chaplain* (2008)

A.B., Hope College;

M.Div., Western Theological Seminary

JOSHUA BANNER — *Minister of Arts and Music* (2006)

B.A., Wheaton College

LORI BOUWMAN — *Administrative Assistant* (1997)

BRYAN LOWE — *Director of the Gospel Choir* (2005)

BARBARA OSBURN — *Director of Outreach* (1991)

A.B., Hope College

Technical Staff

Paul Chamness, Director (2004)

Moses Mares (2007)

COLLEGE ADVANCEMENT

SCOTT WOLTERINK, C.F.R.E. — *Vice President for College Advancement* (1995)

A.B., Hope College;

M.Ed., University of Vermont

DEVELOPMENT

JASON CASH — *Advancement Assistant/Campaign Associate* (2007)

A.B., Hope College

MARK L. DEWITT — *Director of Corporate and Foundation Relations* (2005)

A.B., Hope College;

M.M., Aquinas College

DIANNE DE YOUNG — *Associate Director of the Hope Fund* (1998)

B.S., Michigan State University

ERIC FOSTER — *Advancement Officer for Diversity and Inclusion* (2004)

A.B., Hope College

KATE FRILLMANN, C.F.R.E. — *Regional Advancement Director and Campaign Director* (2002)

B.A., University of Michigan

STEPHANIE GREENWOOD — *Director of the Hope Fund* (2003)

A.B., Hope College;

M.Ed., Grand Valley State University

BRETT HOLLEMAN, C.F.R.E. — *Regional Advancement Director* (2006)

A.B., Hope College

BOB JOHNSON — *Planned Giving Officer* (2007)

A.B., Hope College

HARVEY KOEDYKER — *Regional Advancement Director* (2001)

A.B., Hope College

ADMINISTRATIVE STAFF

- STEVE OURSLER — *Planned Giving Officer* (2007)
A.B., Hope College
- LANCE PELLOW — *Regional Advancement Director* (2008)
A.B., Hope College
- MARY REMENSCHNEIDER — *Director of Alumni and Parent Relations* (2003)
A.B., Hope College;
M.S.W., Western Michigan University
- JOHN RUITER — *Director of Planned Giving* (2005)
A.B., Hope College;
M.A., George Washington University;
J.D., Drake University
- KIMBERLY SALISBURY — *Director of Advancement Services* (1994)
A.B., Hope College
- PAMELA SPENCER — *Director of Prospect Management and Research* (2001)
B.A., Florida State University;
M.S., Eastern University
- KIM SWARTOUT — *Stewardship Coordinator* (2000)
B.S., Grand Valley State University
- SCOTT TRAVIS — *Assistant Director of Alumni and Parent Relations* (2006)
A.B., Hope College
- ANNIE VALKEMA — *Regional Advancement Director* (2006)
B.A., Houghton College
- JAMES VAN HEEST — *Regional Advancement Director* (1987)
A.B., Hope College
- MARY WILSON — *Administrative Assistant to the Vice President for College Advancement and Assistant to the Office of the President* (1996)
A.B.A., Baker College
- Staff**
- Patricia Blankestyn, Advancement Services (2002)
Amy Borgman, Phonathon Calling Supervisor (2006)
Julie Huisingsh, Advancement Services (2007)
Deborah Nykamp, Advancement Services (1994)
Sandy Tasma, Office Manager (1973)
Cheryl TerHaar, Phonathon Information Services Supervisor (2005)

PUBLIC AND COMMUNITY RELATIONS

- THOMAS L. RENNER — *Associate Vice President for Public and Community Relations* (1967)
- GREGORY S. OLGERS — *Director of News Media Services* (1988)
A.B., Hope College
- LYNNE M. POWE — *Associate Director of Public and Community Relations* (1992)
A.B., Hope College;
M.A., Western Michigan University
- KAREN BOS — *Office Manager* (1987)
- KATHRYN H. MILLER — *Public Relations Services Administrator* (1993)
B.A., University of Michigan

ADMINISTRATIVE STAFF

STUDENT DEVELOPMENT DIVISION

- RICHARD FROST — *Vice President for Student Development and Dean of Students* (1989)
B.A., Luther College;
M.A., Ph.D., Michigan State University
- JULIE DALMAN — *Administrative Assistant to the Dean of Students* (2007)
- JOHN JOBSON — *Assistant Dean of Students and Director of Residential Life and Housing* (2005)
A.B., Hope College;
M.S., Indiana University;
Ph.D., Michigan State University
- SARA DICKEY — *Assistant Director of Residential Life and Housing* (2006)
B.S., M.A., Western Michigan University
- ELLEN TANIS AWAD — *Director of Student Activities and Greek Life* (2000)
A.B., Hope College;
M.Ed., University of Georgia
- MATTHEW D'OYLY — *Residential Life Coordinator/Kollen Hall* (2005)
B.F.A., Otterbein College;
M.Ed., Grand Valley State University
- EMILY HALL — *Residential Life Coordinator/Dykstra Hall* (2006)
B.S., Berry College;
M.A., University of Northern Colorado
- LAURA KROUSE — *Residential Life Coordinator/Cook Hall* (2006)
B.S., Grand Valley State University;
M.S., University of Tennessee, Knoxville
- LOUISE SHUMAKER — *Director of Disability Services* (1987)
A.B., Hope College;
M.A., Western Michigan University
- SHAUNA MORIN — *Associate Director of Student Activities* (2008)
B.B.A., University of Notre Dame;
M.Ed., The Pennsylvania State University
- Staff**
Wilma Hart, Assistant to Student Activities and Coordinator of Volunteer Services (1999)
Cynthia Vogelzang, Secretary (1997)

CAREER SERVICES

- DALE F. AUSTIN — *Director of Career Services* (1981)
B.S., Central Michigan University;
M.A., Michigan State University
- SARA DEVRIES — *Associate Director of Career Services* (2003)
B.A., Truman State University;
M.A., University of St. Thomas
- TRUDI VANDER PLOEG — *Career Counselor* (2004)
B.A., Northwestern College;
M.A., Geneva College
- Staff**
Elizabeth Bocks, Secretary (1986)

HEALTH SERVICES

- CINDY SABO — *Clinic Coordinator* (1999)
R.N.-C., B.S.N., Grand Valley State University

ADMINISTRATIVE STAFF

CAROLYN MOSSING — *Physicians Assistant* (2007)

R.D., B.S., Miami University;
M.B.A., University of Dayton;
P.A.-C., Grand Valley State University

Staff

Linda Bos (1996)
R.N.-C., B.S.N., Calvin College
Toni Bulthuis (2002)
R.N., B.S.N., Trinity College - Chicago, Ill.
Cheryl Smith (1994)
R.N.-C., B.S.N., University of Michigan
Barb Helmus, Office Staff (1979)
Carol Ray, Office Staff
Tricia Kosten, Insurance Specialist (2001)

COUNSELING CENTER

KRISTEN GRAY — *Assistant Dean, Health and Counseling; Director, Counseling Center* (1987) (1993)

B.A., Gustavus Adolphus College;
Psy.D., Adler School of Professional Psychology

BRYAN BOLEA — *Counselor* (2006)

B.S., Evangel College;
M.S., Indiana University;
Ph.D., Michigan State University

RICHARD DERNBERGER — *Counselor* (2003)

A.B., Hope College;
M.S.W., Western Michigan University

ZIYAH DOCK, LPC — *Counselor* (2001)

A.A.S., Grand Rapids Community College;
B.S., Grand Valley State University;
M.A., Central Michigan University

LEIGH W. O'CONNOR — *Counselor* (2004)

B.S., Baldwin-Wallace College;
M.S., University of Connecticut;
Ph.D., University of Connecticut

KRISTIN LEIGH SPYKERMAN — *Counselor* (2007)

A.B., Hope College;
M.S.W., Western Michigan University

Staff

Jody Sheldon, Secretary (1998)

CREATIVE DINING SERVICES

BOB VAN HEUKELOM — *Director of Dining Services* (1994)

B.S., Ferris State University

BOB WILLEY — *Food Service Production Manager* (1995)

TIM BLACKBURN — *Catering Manager* (1998)

MARYBARBARA VANDERVLIEET — *Kletz Manager* (2000)

RHONDA DIRETTE — *Dining Services Manager* (1997)

TOM HOOVER — *Chef/Manager, Phelps Dining Hall* (1980)

Staff

Michelle Van Denend, Event Coordinator (2001)
Linda Hallett, Secretary (1998)
Susan Schierbeek, Secretary (1997)
Cris Burton, Secretary (2001)

ADMINISTRATIVE STAFF

SPECIAL PROGRAMS

CHILDREN'S AFTER SCHOOL ACHIEVEMENT (CASA)

FONDA GREEN — *Executive Director of CASA* (1983)

B.S., Trevecca Nazarene College;
M.Ed., Ed.S., University of Florida

ROBERT BOERSMA — *Program Director of CASA* (1995)

B.S., Ferris State University

Staff

Jill Trujillo, Secretary (2001)

PHILIP PHELPS SCHOLARS PROGRAM

CHARLES W. GREEN* — *Professor of Psychology, Director of the First-Year Seminar Program and Director of the Philip Phelps Scholars Program* (1983)

Staff

Lisa Knapp, Program Coordinator (2006)

THE PHILADELPHIA CENTER — FACULTY AND STAFF

ROSINA MILLER — *Executive Director* (1991/2007)

RUTH BOTTOMS — *Office Manager/Program Assistant* (2007)

ILENE BAKER — *Director of Student Affairs and Information Manager* (1994)

MARK ANDREW CLARK — *Faculty and Adjunct Faculty* (1990)

WARREN HUFF — *Adjunct Faculty* (1982)

HOWARD KEEN — *Adjunct Faculty* (1990)

DEBORAH LEIBEL — *Faculty* (1990)

LORI NELSEN-LUNEBURG — *Adjunct Faculty* (2002)

TRISTAN NUNNALLY — *Recruiter* (2008)

ALBERT S. TEDESCO — *Adjunct Faculty* (1977)

JOAN TEDESCO — *Student Teaching Supervisor* (2006)

CHAR VANDERMEER — *Communications and Placement Director* (2001)

DIANA WATERS — *Faculty* (2007)

UPWARD BOUND PROGRAM

ELIZABETH COLBURN — *Director of Upward Bound Program* (1985)

B.A., Miami University;
M.A., Western Michigan University

YOLANDA VEGA — *Assistant Director of Upward Bound Program* (1990)

A.B., Hope College

ANDREA MIRELES — *Academic Coordinator* (1984)

A.B., Hope College

Staff

Debbie Vasquez, Secretary (1993)

VIENNA SUMMER SCHOOL — FACULTY AND STAFF

STEPHEN I. HEMENWAY — *Director of Vienna Summer School and Senior Seminar* (1976)

Ph.D., University of Illinois

ELISABETH CASSELS-BROWN — *Communication*

M.A., Webster University

HERBERTH CZERMAK — *Modern Austrian History and Literature* (1987)

Ph.D., University of New Hampshire

JANIS M. GIBBS* — *Associate Director and Interdisciplinary Studies* (1999)

Ph.D., University of Virginia

VALERIA HEUBERGER

Ph.D., University of Vienna (2008)

BEATRICE OTTERSBOECK — *Art History* (1996)

Ph.D., University of Pittsburgh

WOLFGANG REISINGER — *Music* (2005)

Ph.D., University of Kansas

ALUMNI ASSOCIATION AND PARENT RELATIONS



ALUMNI ASSOCIATION

Mary Boelkins '96 Remenschneider, Director of Alumni and Parent Relations
Email: alumni@hope.edu

Web site: www.hope.edu/alumni

Organized in 1967, the Alumni Association numbers approximately 30,000 members who are located in all 50 states and in more than 70 countries. The role of the Alumni Association is to enhance the mission of Hope through the dedication and resources of its alumni by fostering lifelong relationships with each other and the college.

The association offers opportunities to be connected to Hope College and other alumni through on- and off-campus events and volunteer activities. Events include Homecoming in October, Alumni Day on commencement weekend, Winter Happening in January, the Hope vs. Calvin men's basketball game rivalry parties, class reunions, an alumni and friends golf outing, regional events, and international alumni tours. The association also encourages alumni to participate in the support of the Hope Fund and other fundraising campaigns.

Alumni are encouraged to submit their contact information to the alumni office so other alumni and the college can keep in touch. The office also encourages correspondence with news of promotions, new positions, marriages, births, and deaths to be shared with alumni through the *News from Hope College* (a publication distributed to all Hope alumni, parents and friends five times a year) and the alumni online community, *myHope*.

The Alumni Association recognizes the achievements and contributions of Hope alumni through awards. The Distinguished Alumni Award, Meritorious Service Award and Young Alumni Award are conferred by the association, and the Hope for Humanity Award is given by the H-Club, an alumni club for athletic letter winners. Nominations for these awards are encouraged throughout the year. Information can be obtained from the alumni Web site.

The Alumni Association is governed by a Board of Directors who model, inspire and facilitate the engagement and financial support of the association in the life and future of the college.

PARENT RELATIONS

Email: parents@hope.edu

Web site: www.hope.edu/parents

The mission of the Hope College Parent Relations program is to facilitate communication between parents and the college; develop and nurture meaningful, lasting relationships between parents and the college; sponsor programs and services that will engage parents in the life of the college and endear them to the college's mission; and promote the development of the college and its students by encouraging parental support of the Hope Fund and other financial projects.

Hope College acknowledges that the parents of our students make a significant commitment to the college from the moment their students enroll. In recognition of this commitment, the college ensures that parents receive regular communication regarding the Hope community through *News from Hope College*, Presidential Updates, and the parents Web site and e-newsletter.

The college also offers programs and events to provide parents and families with a sense of belonging within the Hope community, including Parent Orientation, Parents' Weekend, Siblings Weekend, Summer Send-Off Picnics and special regional activities.

The Parent Relations program oversees the work of the Hope College Parents' Council, which serves Hope parents and families and the college by fostering communication and continuing dialogue among parents, families and the college. The Parents' Council members also serve as ambassadors in efforts to support the college and its mission.

HONORS AND AWARDS



Each year the faculty honors those students whose academic careers are marked by high achievement. The following honors and awards are among those presented.

THE ACADEMY OF AMERICAN POETS AWARD — This is a national poetry award for college students sponsored in part by the Academy of American Poets and in part by the college.

SUSAN ALLIE PHYSICAL EDUCATION AWARD — An award to be presented to a female departmental major whose overall performance is adjudged by the staff to be the most outstanding and to best represent the high standards set by the late Susan Allie. In addition, the recipient's name is properly inscribed on an institutional plaque in the Dow Health and Physical Education Center. This award was established by family and friends in memory of Susan Allie, Hope Class of 1981.

AMERICAN ASSOCIATION OF TEACHERS OF FRENCH OUTSTANDING SENIOR IN FRENCH AWARD — This award is given to a student who has been nominated by his or her teacher on the basis of academic excellence and an exceptional commitment to the study of French. Commitment to the study of French may take the form of participation in French club, study or travel abroad, enrollment in the national French contest, membership in the national French honor society, or other academic or service activities. The recipient must have completed at least three years of French study at the time of graduation and be a non-native speaker of French.

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN AWARD — An award given by the Holland, Michigan, branch consisting of a year's membership in any local branch of the American Association of University Women, awarded to a non-traditional senior woman student who has demonstrated the type of scholarship, community service, and women's leadership for which the AAUW stands.

AMERICAN INSTITUTE OF CHEMISTS AWARD — Awarded to the senior student who, in the estimation of the chemistry faculty, has exhibited diligence in study and research projects, helpfulness in the instructional laboratories, and interest in chemistry for her/his four years at Hope College.

ANCIENT MYSTIC ORDER OF THE TRILOBITE — An award given to the introductory geology student who, in the judgment of the geology faculty, shows the most potential of becoming a successful professional geologist.

DEPARTMENT OF ART PURCHASE AWARD — In an effort to recognize superior student work and to increase campus awareness of our own aesthetic environment, the Department of Art established this purchase award. The works, selected by the faculty and agreed to by the student artist, will become part of the Hope College Permanent Collection and will be displayed in a public space on campus.

ATHLETIC SENIOR BLANKET AWARDS — Award blankets are presented to those senior athletes who have earned at least three varsity letter awards at Hope College. One of the three must have been received during the athlete's senior year. The letters need not necessarily have been won in a single sport.

AWARD FOR EXCELLENCE IN UNDERGRADUATE NURSING STUDENT PERFORMANCE — This award recognizes one nursing student annually for exceptional clinical, academic, creative, research, and/or leadership performance. The award is sponsored by the Kappa Epsilon Chapter-at-Large of Sigma Theta Tau International Honor Society of Nursing, a not-for-profit organization whose mission is

HONORS AND AWARDS

to improve the health of people worldwide through leadership and scholarship in practice, education and research.

AWARD FOR OUTSTANDING JUNIOR ECONOMICS STUDENT — A book award to the outstanding junior economics student, as selected by the faculty of the Department of Economics, Management and Accounting.

GEORGE F. BAKER SCHOLARS PROGRAM — The Baker Scholars Program develops the business leadership potential of a select group of liberal arts students at Hope College, emphasizing academic excellence, quality of character, responsibility, and motivation.

BECKMAN SCHOLAR — The Beckman scholarship is provided by the Arnold and Mabel Beckman foundation to stimulate, encourage, and support research activities by exceptionally talented undergraduate students majoring in biology, biochemistry or chemistry.

BIBLICAL STUDIES AWARD — A cash award to a senior student who has been chosen the outstanding student in the field of biblical studies.

BIOLOGY BOOK AWARD — A book award presented to students, selected by the biology faculty, on the basis of outstanding performance in introductory biology.

BIOLOGY SERVICE AWARD — The Biology Service Award is a cash award to a graduating senior who has provided outstanding service to the Department of Biology while at Hope College, determined by the biology faculty.

GEORGE BIRKHOFF ENGLISH PRIZE — A cash prize founded by the Honorable George R. Birkhoff, Jr., to promote study of the English literature and language.

PETER BOL AWARD — A cash award given to the upperclass student who, in the estimation of the Personnel Deans and Counseling Staff, has made outstanding contribution in counseling and helping underclass students and who gives promise of a career of service to youth.

BOUNDY COMPUTER SCIENCE AWARD — Annual cash award funded by David Boundy and given to the person in the graduating class who is deemed by the computer science faculty to have the greatest potential for making future contributions to the field of computer science.

LAURA ALICE BOYD MEMORIAL AWARD IN GERMAN — A cash award to the senior German major whose interest and achievement in the German language and literature have been most significant.

GRACE MARGUERITE BROWNING SCHOLARSHIP IN VOICE — Awarded each year to the Junior or senior music student who, in the opinion of the music faculty, has proved himself/herself worthy of such a scholarship under the following conditions:

- a) She/he has been in residence at Hope College for one year.
- b) She/he maintains a good general academic record during the year the scholarship is granted and does superior work in his/her applied music field. Failure to do so means immediate termination of the scholarship.
The scholarship is for one thirty-minute lesson per week throughout the year. A student may receive the scholarship for one year only.

ERIKA BRUBAKER '92 AWARD FOR PROFICIENCY IN LITERATURE — Cash awards, in memory of Erika Brubaker, presented to two senior English majors who have shown exceptional proficiency in the study of literature.

HONORS AND AWARDS

CAMWS AWARD — As a member of the Classical Association of the Middle West and South (CAMWS), Hope College may honor a student each year with an award for outstanding accomplishment in classical studies. The award includes individual membership in the association and subscription to its journal and newsletter.

CANCER FEDERATION AWARD — This award is in recognition of superior achievements and dedicated commitment to standards of excellence in the advancement of cancer research. The award consists of a Certificate of Achievement, the Cancer Federation Medal of Distinction, and cash.

FLORENCE CAVANAUGH DANCE AWARD — An award presented by the Department of Dance to a deserving student.

ROBERT W. CAVANAUGH SCHOLARSHIP IN VOICE — Given each year to the sophomore music student who, in the opinion of the music faculty, has proved most worthy in terms of his/her academic record and superior work in the study of voice. The scholarship provides private voice lessons during the student's junior year.

ROBERT W. CAVANAUGH SENIOR MUSIC AWARD — A book and cash award to that music major in the senior class who, in the judgment of the music faculty, has demonstrated unusual interest and achievement, and has contributed significantly to the music program. Established in recognition of Robert W. Cavanaugh's contribution to the Department of Music of Hope College and his Christian commitment, by his family, former students, and friends.

CHAPEL CHOIR EXEMPLARY SERVICE AWARDS — Gold keys to senior members of the Chapel Choir who have been active members for at least three years and have done outstanding service.

CHRISTIAN SERVICE NURSING AWARD — The award is presented to the senior who displays a commitment to Christian service. The award is a one-year subscription to the Journal of Christian Nursing.

J. ACKERMAN COLES AWARD IN COMMUNICATION STUDIES — Awarded to the student who has demonstrated continuing interest and excellence in communication studies.

DEPARTMENT OF COMPUTER SCIENCE LEADERSHIP AWARD — A cash award funded by the Department of Computer Science and given to a person from the graduating class who has demonstrated service and leadership to the other students in the department.

COMPUTER SCIENCE SENIOR PRIZE — A book prize donated by the computer science faculty and awarded to the graduating senior chosen by the faculty as the outstanding student in computer science.

CROWE CHIZEK AND COMPANY OUTSTANDING ACCOUNTING STUDENT — This award, made possible by Crowe Chizek and Company, recognizes a junior accounting major exhibiting leadership skills and a desire to live and work in the Midwest.

DEAN FOR ARTS AND HUMANITIES AWARD — A cash prize for the best paper read at the student sessions of the Arts and Humanities Colloquium Series.

CLARENCE DE GRAAF ENGLISH AWARD — A cash award to be presented to the senior whose interest and achievement in the field of English, as indicated by academic record, most merits recognition in the judgment of the Department of English faculty. The award has been established in honor of Professor Clarence De

HONORS AND AWARDS

Graaf, a member of the Department of English for 44 years until his retirement in 1972. Dr. De Graaf served as department chairman for 25 of those years.

DEKRUIF WRITING AWARD — The Paul deKruif Writing Prizes in biology are meant to increase awareness of writing among biology students and encourage biology students who write well through annual recognition. The prizes were made possible by gifts from Dr. and Mrs. Louis Pepoy and other admirers of Paul deKruif.

DELOITTE & TOUCHE JUNIOR ACCOUNTING BOOK AWARD — A book award to an outstanding junior accounting student who is planning a career in public accounting, as selected by the faculty of the Department of Economics, Management and Accounting.

DELONG SENIOR DANCE AWARD FOR OUTSTANDING ACHIEVEMENT IN DANCE — An award presented by the Department of Dance to a deserving student who has demonstrated exceptional development as a dance artist and shows promise in the field of dance.

DELTA PHI ALPHA BOOK PRIZE — Delta Phi Alpha, the honorary German fraternity, presents an annual book prize to the student in German who has been chosen for this honor by the members of the German Department.

RAY DE YOUNG HISTORY PRIZE — A cash award to the senior student whose interest, achievement, and promise in history, as indicated by his/her academic record and a significant piece of historical research, most merit the award.

WILLIAM B. EERDMANS POETRY PRIZE — A cash prize awarded for the poem judged the best among those accepted for the *Opus* this year.

WILLIAM B. EERDMANS PROSE PRIZE — A cash prize awarded for the prose work judged the best among those accepted for the *Opus* this year.

ETA SIGMA PHI BOOK PRIZE — An award presented to a graduating senior who is a member of this national honorary Classical society and who has achieved distinction in advanced study in either of the Classical languages.

FACULTY AWARD IN CREATIVE WRITING — A cash award presented to the senior whose interest and achievement as a creative writer and student of literature most merit recognition.

FIRST-YEAR CHEMISTRY BOOK AWARD — Presented to the first-year student who, in the estimation of the chemistry faculty, has demonstrated outstanding performance in general chemistry. The award is the *Handbook of Physics and Chemistry* donated by the Chemical Rubber Publishing Company.

FRESHMAN ENGINEERING AWARD — This award is given to recognize the achievement of the best first-year students in engineering. The award indicates that the student has the ability to understand the basic concepts of the discipline and to express that understanding clearly.

FRESHMAN MUSIC PRIZES — Given each year to entering freshmen in the applied music fields of piano, voice, instrument, and organ. Awards are given on the basis of a live audition or by a tape recording. Information on auditions may be secured by writing to the chairperson of the Department of Music.

FRESHMAN PHYSICS AWARD — This award is given to recognize the achievement of the best first-year student in physics. The award indicates that the student has the ability to understand the basic concepts of the discipline and to express that understanding clearly.

HONORS AND AWARDS

PAUL G. FRIED PRIZE IN INTERNATIONAL EDUCATION — “The problem with provincialism is that it is worldwide.” A prize awarded annually to an outstanding Hope College senior to recognize his/her academic and campus commitment to enhancing global awareness in his/her life and that of others at Hope College.

THE DR. HARRY AND JEANNETTE FRISSEL RESEARCH SCHOLARSHIP — A scholarship in honor of a former Department of Physics chairman and his wife. In recognition of the importance of faculty-directed research for students, the scholarship is to fund such research by a student during the summer or the academic year. The student is to be a promising physics major who has completed at least his/her sophomore year.

FUTURE HISTORY TEACHER PRIZE — A Department of History award for the most promising future history teacher. The prize is awarded to the student who, because of commitment to the discipline and achievement in both history and education courses, shows the most promise as a teacher of history.

BARBARA E. GEETING MEMORIAL AWARD IN GERMAN — The Barbara E. Geeting Memorial Award in German was established in 1978 to honor the memory of Barbara E. Geeting, a 1978 graduate in German, who was killed in a tragic accident with her grandparents shortly after graduation. This award is granted to a graduating senior who has achieved distinction in German.

C. KENDRICK GIBSON ECONOMICS, MANAGEMENT AND ACCOUNTING FACULTY RECOGNITION AWARD — This award, in memory of Professor C. Kendrick Gibson, recognizes students graduating with a major in this department who have demonstrated excellence as students and who are expected to make a significant contribution to their chosen profession.

ALMON T. GODFREY PRIZE IN CHEMISTRY — A cash award to the senior student chosen the outstanding student in chemistry.

LAWRENCE “DOC” GREEN AWARD IN ATHLETIC TRAINING — This award, established in 1996, honors the most outstanding senior athletic training student. The award consists of a plaque and is given to the senior student who, in the judgment of the athletic training faculty and with the consent of the full departmental faculty, best exemplifies the qualities of scholarship and selflessness exemplified by the late Lawrence “Doc” Green.

JEANNETTE GUSTAFSON MEMORIAL GIFT — An award to the most deserving graduating student of the Social Work Major, chosen on the following basis: ability to demonstrate academic achievement, voluntary involvement in organizations aimed at aiding the community and/or the college, and promise for significant contribution to the helping professions.

STANLEY HARRINGTON ART PRIZE — Awarded to a promising major in the Department of Art, and is intended for the purpose of research materials. The Stanley Harrington Art Prize is established by friends, students, and family in memory of Mr. Harrington, a professor in the Department of Art of Hope College from 1964 to 1968.

RENZE LYLE HOEKSEMA PRIZE IN POLITICAL SCIENCE — An award for a junior majoring in political science who best demonstrates, in the judgment of the Department of Political Science, excellence in the classroom, interest in political science, and promise for a useful career in public service.

HONORS AND AWARDS

HOLLAND AREA ARTS COUNCIL AWARD — A cash award given to a promising major in the Department of Art. The Holland Area Arts Council sponsors and encourages cultural and educational activities in the Holland and surrounding areas.

HOPE CHEMISTRY SENIOR AWARD FOR RESEARCH — A cash award to the senior student who has done the most outstanding research in chemistry.

HUMAN KINETICS JUNIOR BOOK AWARD IN ATHLETIC TRAINING — This award is presented annually to a junior student who, in the judgment of the athletic training faculty, exhibits the greatest promise for a career in sports medicine as a certified athletic trainer. The award consists of a gift certificate redeemable for books, videos, or software from Human Kinetics Publishers.

JUNIOR CHEMISTRY JOURNAL AWARD — An award to the student who, in the estimation of the Department of Chemistry, exhibited outstanding performance as a junior chemistry student. The award is an eight-month subscription to the *Journal of Analytical Chemistry* presented by the American Chemical Society.

JUNIOR NURSING AWARD — The award is presented to the junior student who, in the estimation of the nursing faculty, demonstrates outstanding performance in the classroom and in clinical practice. The award is a book donated by the Hope College Department of Nursing.

JUNIOR-SENIOR INSTRUMENTAL SCHOLARSHIP — A prize of one instrumental lesson per week for one year awarded by the Department of Music to the junior or senior who is a music major and has spent at least one year of resident study in the Department of Music. The award is given to the junior or senior who, in the judgment of the department, best qualifies on the basis of talent and potentialities.

JUNIOR-SENIOR SCHOLARSHIP IN PIANO — A prize of one piano lesson per week for one year awarded by the Department of Music to the junior or senior who is a music major and has spent at least two years of resident study in the Department of Music. The award is given to the junior or senior who, in the judgment of the department, best qualifies on the basis of talent and potentialities.

JURRIES FAMILY VIENNA SUMMER SCHOOL AWARD — An award presented annually to up to three Hope College students entering either their junior or senior year to enable their participation in the six-week Vienna Summer School. This award was established in 1993 by Jim and Ginger Jurries to cover the cost of tuition, fees, housing, and program-related travel.

KENT MEDICAL FOUNDATION AWARD — The Kent Medical Foundation was established in 1961 by the Kent County Medical Society as a charitable non-profit scientific trust, and is dedicated to improving the standards of health care in Kent County and surrounding areas. Its primary purpose is to give financial assistance to deserving students who are pursuing careers in medicine and allied health fields. To qualify, the graduating senior must be a resident of Kent or a bordering county and pursuing a health sciences career.

MARGUERITE E. KINKEMA SPECIAL EDUCATION AWARD — A plaque awarded to the senior special education major who, in the judgment of a faculty committee, gives promise of making the most significant contribution to the teaching of special needs children.

ALLAN C. KINNEY MEMORIAL FUND — Provides an annual cash award to the outstanding graduating senior majoring in economics, management or accounting. The

HONORS AND AWARDS

recipient will be selected by the faculty members teaching in these areas on the basis of scholarship, contribution to campus life and promise of an outstanding career.

JOHN H. KLEINHEKSEL MATHEMATICS AWARD — This book award is presented to the freshman or sophomore student who demonstrates outstanding ability in sophomore level mathematics courses and shows promise for future work in mathematics.

RUSSELL J. KRAAY AWARD IN COMPUTER SCIENCE — Annual cash awards funded by Dr. Russell J. Kraay and given to two sophomore or junior students who, in the judgment of the computer science faculty, have demonstrated excellence in the field of computer science.

STEVE M. KUPRES BUSINESS LEADERSHIP AWARD — This award, made possible by alumnus Steve M. Kupres, recognizes two junior management majors who most clearly exemplify the following leadership attributes: integrity, commitment, personal development, stewardship, and teaming.

LAMBDA PI ETA BOOK AWARD TO THE TOP COMMUNICATION GRADUATE — A book award to the senior communication major who has the highest grade point average in the discipline.

CHARLES E. LAKE JUNIOR PRIZE IN PHILOSOPHY — A cash award to that member of the junior class judged by the department to have written the best philosophy paper during the current academic year.

CHARLES E. LAKE MEMORIAL PRIZES FOR PHILOSOPHICAL PROMISE — Cash awards to members of the first-year and sophomore classes judged by the department to have done the best work showing philosophical promise. Established in recognition of Charles Lake's scholarly abilities, character, and Christian commitment by his family, friends, and the First Reformed Church of Three Oaks, Michigan.

CHARLES E. LAKE MEMORIAL PRIZE IN PHILOSOPHY — A cash award to that philosophy major in the senior class judged by the department to be most deserving. Established in recognition of Charles Lake's scholarly abilities, character, and Christian commitment by his family, friends, and the First Reformed Church of Three Oaks, Michigan.

ALBERT E. LAMPEN MATHEMATICS PRIZE — A cash award to the senior student chosen as the outstanding student in mathematics.

ROBERT L. MELKA MEMORIAL AWARD — A cash prize awarded annually to a freshman or sophomore for an essay in European history that is judged superior by the Department of History.

M. HAROLD MIKLE PRIZE FOR COMMUNICATION — Awarded annually to the graduating senior whose record reflects academic excellence, superior skill as a presentational speaker and extensive all-college leadership accomplishments. This award is intended for but not limited to students who have majored in communication or who have participated in campus or intercollegiate communication activities. Nominations will be sought from all full-time members of the faculty, the winner being selected by the faculty of the Department of Communication.

MILES AWARD IN LAW — An annual cash award established by Judge Wendell A. Miles in honor of his father, Judge Fred Thomas Miles, presented to a senior student whose promise in the study of law is judged superior by the faculty of the Department of History.

HONORS AND AWARDS

HERMAN MILLER ART AWARD — A cash award given to a senior most deserving of recognition and encouragement for creative work in the field of visual arts.

CATHERINE MORRISON '89 JUNIOR SCIENCE AND MATH EDUCATION BOOK AWARDS — Awards presented to juniors who have demonstrated academic excellence and who intend to pursue careers in science or math education at the elementary or secondary level. Awards take the form of gift certificates to the Hope-Geneva Bookstore. Given by Jobe and Julia Morrison in honor of their daughter Catherine Morrison Lane.

CATHERINE MORRISON '89 SENIOR SCIENCE AND MATH EDUCATION AWARDS — Cash awards presented to deserving seniors who have demonstrated academic excellence and who are committed to teaching science or mathematics at the elementary or secondary level. Given by Jobe and Julia Morrison in honor of their daughter Catherine Morrison Lane.

JOYCE M. MORRISON VOICE SCHOLARSHIP — The Joyce M. Morrison scholarship is presented annually to the most promising freshman vocalist who has expressed an intention to pursue a career in classical voice as determined by the chairperson of the voice division of the Department of Music.

THEODORE L. NIELSEN AWARD — The Theodore L. Nielsen award, a new award in honor of retired communication professor Ted Nielsen, is given to the student who represents the best television news practice and judgement.

MABEL NIENHUIS AWARD IN APPLIED MUSIC — An award in applied music given to three music majors, who at the close of their freshman year receive the highest rating in their jury examinations. One award each will be given in the areas of keyboard, voice, and instrumental music to be used for the applied music fees during the sophomore year.

ORGANIC CHEMISTRY BOOK AWARD TO THE OUTSTANDING STUDENT IN ORGANIC CHEMISTRY — Presented to the student who, in the estimation of the chemistry faculty, has demonstrated outstanding performance in organic chemistry. The prize is the *Merck Index* donated by Merck and Company, Inc.

OUTSTANDING ACCOUNTING STUDENT AWARD — An award, which is a gift from Mr. and Mrs. Alfred S. Andrews, to an outstanding accounting student.

OUTSTANDING STUDENT IN MANAGEMENT ACCOUNTING AWARD — An award from the Grand Rapids chapter of the Institute of Management Accountants to an outstanding student in management accounting.

ELEANOR J. PALMA MEMORIAL AWARD — A fund to provide piano scholarships in the Department of Music to students who are deserving on the basis of achievement and financial need. Funded by friends and family in loving memory of Eleanor J. Palma, Adjunct Assistant Professor of Music.

JEAN ANDERSON PALMER MEMORIAL AWARD IN PIANO — A fund to provide piano awards in the Department of Music to students who are deserving on the basis of talent, achievement, and financial need. Funded by friends in loving memory of Jean A. Palmer, a friend of the Department of Music.

LINDA D. PALMER MEMORIAL AWARD IN FRENCH — An award in the memory of Dr. Linda D. Palmer, Assistant Professor of French, 1966-1971, to the student who, having studied in a French-speaking country, demonstrates the greatest promise of excellence in the professional use of French.

HONORS AND AWARDS

PATTERSON MEMORIAL PRIZE IN BIOLOGY — A cash award to a superior student with a major interest in biology, whom the Hope College faculty deems most worthy.

PHI ALPHA THETA FRESHMAN BOOK AWARD — A book prize awarded to the freshman student who, in the opinion of the faculty, shows the greatest promise in history.

PHI ALPHA THETA SOPHOMORE BOOK AWARD — A book prize awarded to the sophomore student who, in the opinion of the faculty, shows the greatest promise in history.

HOWARD O. PLAGGEMARS VIENNA SUMMER SCHOOL AWARD — A first prize cash award to be given annually to the participant in the Vienna Summer School who, in the opinion of designated judges, submits the best piece of creative writing reflecting on his or her experiences in Europe. No specific format is prescribed. Honorable mention prizes may also be awarded.

POLITICAL SCIENCE DEPARTMENT BOOK AWARDS — The Department of Political Science presents book awards to students who have demonstrated unusual promise in political science in its classes and activities. At least half of these are awarded to freshmen and sophomores.

PRE-NURSING AWARD — This award is granted to the freshman or sophomore nursing student who, in the judgment of the faculty, has demonstrated outstanding performance in the prerequisite nursing courses.

MARGUERITE PRINS FRENCH AWARD — A cash award to the senior whose interest and achievement in the study of the French language and literature has been the most significant.

MARTIN N. RALPH AWARD IN SPANISH — A cash award to the junior or senior whose interest and achievement in the Spanish language and literature has been most significant.

A. A. RAVEN PRIZE IN COMMUNICATION — Awarded to the student who best demonstrates excellence in communication through leadership and/or the effective presentation of issues of public significance.

REINKING MEMORIAL SCHOLARSHIP — Awarded to a junior geology major who, in the judgment of the geology faculty, best exhibits the high standards of academic excellence exemplified by the late Professor Robert L. Reinking.

ROGER RIETBERG CHAPEL CHOIR AWARD — This award was created by members, alumni, and friends of the Hope College Choir to honor Roger Rietberg. The recipient must be of the senior class and have been a member of the choir for at least two years. The recipient must exemplify commitment and dedication, a love for the musical mission of the choir, and a spirit that has proved to be an example for the other members. He or she should carry an attitude of concern for all the members of the choir and should be looked at with respect as a leader and a friend.

METTA J. ROSS HISTORY PRIZE — A cash award to the junior student whose interest, achievement, and promise in history, as indicated by academic record and career plans, in the judgment of the history faculty, most merits recognition.

CLARYCE ROZEBOOM MEMORIAL SCHOLARSHIP IN ORGAN — A fund contributed in memory of Miss Claryce Rozeboom, a member of the Class of 1953, to provide a scholarship of one organ lesson per week for one year. This scholarship

HONORS AND AWARDS

is awarded to a member of the junior or senior class who, in the opinion of the music faculty, best qualifies on the basis of talent and financial need.

JOHN SCHOUTEN AWARD — An award given by his daughter, Bess Schouten, in memory of “Jack” Schouten who was a long-time physical educator and Hope’s first athletic director. The award is presented annually to a woman athlete in the senior class who, in the estimation of the athletic staff and the Department of Kinesiology faculty, has been one of the top athletes in the women’s athletic program and has been an able and conscientious student during her years at Hope College. The recipient of this award must not only be an outstanding athlete, but must also possess other strong character traits. Ideally, she must demonstrate competent leadership in campus and Christian activities as well as leadership within the teams on which she has participated.

SANDRENE SCHUTT AWARD FOR PROFICIENCY IN LITERATURE — A cash award to be presented to the senior who has shown outstanding proficiency in English literature and who expresses the intention of entering the profession of teaching English literature.

SENIOR ENGINEERING PRIZE — A cash award given to the senior student who has been chosen the outstanding student in engineering.

SENIOR NURSING AWARD — This award is presented to a senior who, in the judgment of the nursing faculty, shows promise for outstanding achievement and intent to continue in graduate education as a professional nurse. The award is a book.

SENIOR SOCIOLOGY AWARD — A cash award given to a superior senior student majoring in the sociology curriculum who, in the opinion of the department faculty, has achieved the most outstanding record of his/her class.

THE RUSSELL AND DOROTHY SIEDENTOP AWARD — An award to an outstanding graduating senior member of the Men’s Basketball Team and an outstanding graduating senior member of the Women’s Basketball Team. Preference will be given to students considering graduate school and careers in teaching and coaching. The recipients are chosen by the Athletic Committee. Given by Daryl Siedentop ’60 in memory of his parents.

SIGMA THETA TAU — The Sigma Theta Tau honor and membership is conferred on nursing students in baccalaureate and graduate programs who have demonstrated superior scholastic achievement, academic integrity, and scholarship or professional leadership potential. The student must be in the top thirty-five percent of his/her nursing class and have a minimum cumulative 3.0 grade point average.

SIGMA XI AWARDS — The Sigma Xi awards are given in recognition of the independent initiative shown by the student, the accomplishment of a noteworthy contribution to research in the sciences while at Hope College, and for showing promise of continuing research contributions in the future.

SLOAN-STEGEMAN AWARD — A cash award to a senior student who displays promise of greatest success in the field of Christian world missions.

SOCIAL WORK SENIOR AWARD — An award to be presented to the senior who has exhibited superior academic ability, extensive volunteer involvement, and promise of significant contribution to the social work profession.

SOPHOMORE NURSING AWARD — This award is granted to the sophomore nursing student who has demonstrated outstanding performance in foundational nursing courses, the prerequisite courses, and the corequisite courses.

HONORS AND AWARDS

SOUTHLAND AWARD FOR WOMEN — A gold medal to the senior who, in the judgment of a faculty committee, has maintained the highest standard of scholarship in several fields, character, and usefulness during the four years of her college course.

MINER STEGENGA AWARD — An award in memory of the Reverend Miner Stegenga presented annually to a student-athlete in the junior or senior class who, in the estimation of the athletic staff and Faculty Committee on Athletics, has shown leadership in campus Christian activity. The student is one who demonstrated athletic ability in a college-sponsored sport and exemplified Miner Stegenga's deep love of sports and his deeper love and Christian concern for those who played on both sides.

STEPHENSON FIRST-YEAR WRITING PRIZE — This prize, awarded each semester to the author of the paper selected as the best submitted in the first-year writing course, is given to encourage young writers.

C. JAMES STRINGER, JR. MEMORIAL AWARD — A cash award to a student entering his or her junior or senior year and majoring in psychology, as selected by the psychology faculty as showing promise of becoming an outstanding psychology student.

TECHNOS INTERNATIONAL PRIZE — This prize is awarded annually to two Hope College seniors to recognize their accomplishments in international studies and their commitment to developing global awareness on the college campus. This prize was established in 1992 by Technos International of Tokyo, Japan. It consists of a certificate, a book, and a framed Japanese print.

THE ARTHUR JOHN TERKEURST PSYCHOLOGY SCHOLARSHIP — This scholarship is awarded at the conclusion of the junior year to a student majoring in psychology who has a distinguished academic record and financial need and, in the opinion of the faculty in the Department of Psychology, shows promise of a distinguished career in psychology.

DEPARTMENT OF THEATRE AWARDS — The Department of Theatre Awards are cash awards presented to the students in the freshman, sophomore and junior classes who, in the judgment of the theatre faculty, have shown the greatest promise artistically, academically, and in the terms of participation in the department's co-curricular program.

DEPARTMENT OF THEATRE SENIOR PRIZE — The Department of Theatre Senior Prize is awarded to seniors who, in the judgment of the theatre faculty, have demonstrated the highest achievement academically, artistically, and in theatre craftsmanship during their undergraduate career.

THEUNE FAMILY AWARD — An annual award originally established by Peter '65 and Judith Theune, in honor of their son Michael Theune '92, and continued by the departments of English and Philosophy, to recognize one or more outstanding students in the areas of literature and/or philosophy.

PAUL NORMAN TIMMER MEMORIAL AWARD — An award in memory of Paul Norman Timmer, a career foreign service officer in the U.S. Department of State and member of the Hope Class of 1976, to an outstanding sophomore or junior planning to enter the field of foreign service or international studies.

RUTH W. TODD CLASSICS PRIZE — The Ruth W. Todd Classics prize was established in 2001 by Jacob and Leona ('93) Nyenhuis in memory of Dr. Ruth W. Todd (1918-2000), Professor Emerita of Classics, to recognize and promote the study of Greek and Latin languages and literature. The cash prize is awarded annually to a student who has completed at least two years of study of either Greek or Latin and at

HONORS AND AWARDS

least one Classics course, and who has excelled in this study. Preference is given to students who are members of the Eta Sigma Phi honorary Classics fraternity and who have either a major or a strong minor in Classics or Latin or Greek.

LASZLO TOKES AWARD — Cash awards given to two rising seniors for writing the best essays addressing a current issue or world situation from a Christian perspective. Laszlo Tokes, in whose honor the award is named, was a pastor in the Hungarian Reformed Church whose commitment to his Christian faith and calling played a pivotal role in sparking the demonstration that led to the downfall of the communist regime in Romania in 1989. This award was made possible by the vision and donation of a Hope alumna who would like to remain anonymous. It is facilitated by the CrossRoads Project.

TULIP CITY GEM AND MINERAL CLUB AWARD — Awarded annually to one or two outstanding geology majors whose undergraduate careers show promise of continued excellence in the geo-sciences.

UNDERGRADUATE AWARD FOR ACHIEVEMENT IN BIOCHEMISTRY — An award to the student who, in the judgment of the chemistry faculty, has demonstrated outstanding performance in biochemistry. Donors of the award wish to remain anonymous.

WILLIAM AND MABEL VANDERBILT, SR. FAMILY AWARD — An award established by Mrs. Mabel Vanderbilt Felton in memory of William Vanderbilt, Sr. It is awarded annually to students majoring in physical education and recreation who, in the judgment of the faculty in this department, contributed outstanding service to others.

ALVIN W. VANDERBUSH STUDENT ATHLETE AWARD — A non-cash award established by former Hope College athletes to be given to a student athlete who demonstrates the qualities and ideals exemplified by former Professor and Coach Alvin Vanderbush's life and career — integrity, diligence, commitment, and caring. The recipient is chosen by the Department of Kinesiology.

PHYLLIS J. VANDERVELDE MEMORIAL AWARD FUND — A fund established by Dr. Richard Vandervelde, family and friends in memory of Phyllis J. Vandervelde. This fund is awarded to a student entering his/her senior year who, in the judgment of the entire psychology department, demonstrates financial need and shows promise of developing character traits that marked Phyllis Vandervelde's own life, including: a self-giving love for other people, a faith and values that guided her life, high standards of integrity, loyalty to those whom she loved, and a capacity for experiencing and spreading joy.

ELIZABETH VANDERBUSH AWARD IN EDUCATION — A cash award to a junior student in education who demonstrates distinct ability and evidence of commitment to a career in teaching. The recipient is chosen by the Department of Education.

OTTO VAN DER VELDE ALL CAMPUS AWARD — A gold key to the senior man chosen for his outstanding contribution to the college in athletics, scholarship, and participation in student activities. To be eligible, he must have earned at least three athletic letters.

JOHN RICHARD VANDER WILT AWARD — A cash award to a deserving student who, in the judgment of the religion faculty, gives promise of dedicated service as a minister or missionary.

HONORS AND AWARDS

VAN ESS SCHOLARSHIP AWARDS — The Van Ess endowment fund has been established by Mr. and Mrs. Clarence Van Ess to provide annual awards to superior students preparing for Christian ministry.

MIRIAM JOYCE VAN EYL AWARD — A gold medallion or tie pin presented annually to the graduating Hope College nursing student who, in the opinion of the nursing faculty and nursing seniors, has best demonstrated the integration of knowledge and professional competency with timely and genuinely caring responses to the psychological, spiritual, and social needs of patients and their families.

THE VAN PUTTEN ENGINEERING DESIGN PRIZE — Given by the engineering faculty to a graduating engineering student who shows exceptional ability, interest, and accomplishment in engineering design, named in honor of Professor James van Putten in recognition of Jim's accomplishments in engineering design and his efforts to establish the engineering program at Hope College.

JAMES DYKE VAN PUTTEN POLITICAL SCIENCE PRIZE — A cash award to be given to the graduating senior who has excelled in the classroom and, in the judgment of the political science faculty, possesses those qualities of character and personality which give promise of a useful career in public service. The award is named after the first chairman of the Department of Political Science, who was a fine scholar and a United States Diplomat.

MICHAEL VISSCHER MEMORIAL BOOK AWARD — A book award presented to a sophomore geology student selected by faculty and students on the basis of outstanding performance.

VISSER SUMMER RESEARCH FELLOWSHIP — A fellowship established by Dr. Donald W. Visser, Class of 1937, and his wife, Marie. Awards from this fund are used to support student research in chemistry and biochemistry.

WALL STREET JOURNAL AWARD — *The Wall Street Journal* Student Achievement Award of a one-year subscription to the *Journal* and an individual medallion is presented to the student selected by the faculty of the Department of Economics, Management and Accounting.

DONALD WEENER MEMORIAL AWARD — A fund to provide piano scholarships in the Department of Music for deserving students. Funded by friends and family in loving memory of Donald Weener.

KATHLEEN ANN WHITE '76 MEMORIAL AWARD — An award in memory of Kathleen White presented to a promising junior or senior kinesiology major, preferably a young woman.

BRAD WILLIAMS MEMORIAL AWARD FUND — A fund which will provide a cash award to one or more students, completing their junior or senior year, who are selected by the theatre faculty for demonstrating outstanding creativity and promise in the theatre arts. The award honors Brad Williams, Hope Class of 1973, who was involved for over 20 years at Hope as an actor, designer and puppeteer.

JOHN MONTGOMERY WILSON AWARD IN ART HISTORY — A fund created by Holly Cheff, Hope Class of 1999, for an outstanding student in art history who exhibited superior academic ability and promise in the area of art history. This fund was established in recognition of the retirement of Dr. Wilson from the faculty of the Department of Art in June of 1999.

HONORS AND AWARDS

EGBERT WINTER EDUCATION AWARDS — Cash prizes to the young man and young woman in the senior class who give promise of making the most significant contributions in the field of teaching.

WOLTERINK PRIZE IN BIOLOGY — This award is in honor of Dr. and Mrs. Lester Wolterink in appreciation for their continued support of the Department of Biology. The award consists of a summer research fellowship and a bookstore credit. The Wolterink prize is awarded to an upperclass biology major who has shown the potential for excellence in research.

EDWARD J. WOLTERS CLASSICS AWARD — The Edward J. Wolters Classics Award has been established in honor of Professor Edward J. Wolters, late Professor Emeritus of Latin and Chairman of Classical Languages for nearly 40 years, until his retirement in 1966. This award is given to a student with an outstanding record of performance in advanced Latin classes or in Classical studies.

DOUWE B. YNTEMA PRIZE — A cash award to the senior student who has been chosen the outstanding student in physics or engineering.

ASSISTANTSHIPS

CHEMISTRY ASSISTANTSHIPS — A limited number of teaching assistantships and research assistantships are available to highly qualified students. See department chairperson for information.

FRENCH ASSISTANTSHIP — Awarded each year to a qualified native speaker of French. The awardee receives a waiver of tuition, fees for cultural affairs events, and room and board fees in return for work as a native assistant in the Department of Modern and Classical Languages.

GERMAN ASSISTANTSHIP — Awarded each year to a qualified native speaker of German. The awardee receives a waiver of tuition, fees for cultural affairs events, and room and board fees in return for work as a native assistant in the Department of Modern and Classical Languages.

JAPANESE ASSISTANTSHIP — Awarded each year to a qualified native speaker of Japanese. The awardee receives a waiver of tuition, fees for cultural affairs events, and room and board fees in return for work as a native assistant in the Department of Modern and Classical Languages.

PHYSICS ASSISTANTSHIPS — Full-time summer research assistantships are available to students on the basis of ability.

SPANISH ASSISTANTSHIP — Awarded each year to a qualified native speaker of Spanish. The awardee receives a waiver of tuition, fees for cultural affairs events, and room and board fees in return for work as a native assistant in the Department of Modern and Classical Languages.

IMPORTANT DATES FOR PROSPECTIVE STUDENTS



FINANCIAL AID DEADLINES FOR PRIORITY CONSIDERATION

Students should apply for admission and submit the Free Application for Federal Student Aid (FAFSA) and the Hope College Supplemental Application for Financial Aid (SAF) by the following dates:

Fall Semester

1. Freshmen by March 1
2. Transfers/Upperclassmen by March 1

Spring Semester

1. Freshmen: Nov. 1
2. Transfers: Nov. 1

MERIT-BASED SCHOLARSHIP DEADLINES

February 15, 2009

All Academic Merit Scholarships

For information about Awards for Artistic Merit (Distinguished Artist Awards), please visit the Web site www.hope.edu/admissions/scholarship/daa.html.

CAMPUS VISIT DAYS FOR HIGH SCHOOL STUDENTS & PARENTS

Friday, September 26, 2008

Monday, January 19, 2009

Friday, October 3, 2008

Friday, January 30, 2009

Friday, October 17, 2008

Monday, February 16, 2009

Friday, October 24, 2008

Friday, February 27, 2009

Friday, November 7, 2008

Friday, November 14, 2008

Friday, November 21, 2008

JUNIOR DAYS:

Friday, March 27, 2009

Friday, April 3, 2009

Friday, April 17, 2009

NATIONAL TESTING DEADLINES

ACT — For information see your high school guidance counselor.

Hope College Code Number is 2012

September 13, 2008

February 7, 2009

October 25, 2008

April 4, 2009

December 13, 2008

June 13, 2009

SAT — For information see your high school guidance counselor.

Hope College Code Number is 1301

October 4, 2008

January 24, 2009

November 1, 2008

March 14, 2009 (SAT I only)

December 6, 2008

May 2, 2009

June 6, 2009

PSAT — For information see your high school guidance counselor.

Hope College Code Number is 1301

Wednesday, October 15, 2008

Saturday, October 18, 2008

DEPOSIT DEADLINES

Freshmen: \$300 by May 1

Transfers: \$300 by May 1

These deposits are not refundable after May 1.

HOPE COLLEGE CALENDAR 2008-09



Fall Semester (2008)

August 20-22, Wed.-Fri.	International Student Orientation
August 21-22, Thurs.-Fri.	Faculty Conference
August 22, Friday	Residence Halls Open for New Students, 10 a.m.
August 22-25, Fri.-Mon.	New Student Orientation
August 24, Sunday	Residence Halls Open for Returning Students, 12 noon
August 24, Sunday	Convocation for New Students & Parents, 2 p.m.
August 26, Tuesday	Classes Begin, 8 a.m.
September 1, Monday	Labor Day - Classes in Session
September 3, Wednesday	Last Day to Enroll for Credit; Last Day to Drop Courses
September 30, Tuesday	Formal Convocation to Open Critical Issues Symposium, 7 p.m.
September 30-Oct. 1, Tues.-Wed.	Critical Issues Symposium - Day Classes Wed., Oct. 1, not in session Evening classes September 30 and October 1 DO meet
October 4, Saturday	Homecoming
October 10, Friday	Fall Recess Begins, 6 p.m.
*October 15, Wednesday	Fall Recess Ends, 8 a.m. Monday schedule in effect
October 15, Wednesday	Mid-Term Grades Due in Registrar's Office, 4 p.m.
October 31, Friday	Last Day to Withdraw from or Pass/Fail Full-Semester Courses
November 3-5, Mon.-Wed.	On-Line Registration for Spring Semester 2009 (students with 20 or more credits)
November 6-7, Thurs.-Fri.	In-Person Registration for Spring Semester 2009 (FTCs and students with fewer than 20 credits)
November 7-9, Fri.-Sun.	Parents' Weekend
November 27, Thursday	Thanksgiving Recess Begins, 8 a.m.
December 1, Monday	Thanksgiving Recess Ends, 8 a.m.
December 5, Friday	Last Day of Classes
December 8-12, Mon.-Fri.	Semester Examinations
December 12, Friday	Residence Halls Close, 5 p.m.
December 17, Wednesday	Final Grades Due in Registrar's Office, 4 p.m.
January 23, 2008, Friday	Incompletes from the Fall Semester not made up become an "F"

*Monday schedule in effect

Spring Semester (2009)

January 4, Sunday	Residence Halls Open, 12 Noon
January 6, Tuesday	Classes Begin, 8 a.m.
January 14, Wednesday	Last Day to Enroll for Credit; Last Day to Drop Courses
January 23, Friday	Incompletes from the Fall Semester (2008) turn to "F" grade
February 6, Friday	Winter Recess Begins, 6 p.m.
*February 11, Wednesday	Winter Recess Ends, 8 a.m. Monday schedule in effect
February 25, Wednesday	Mid-Term Grades Due in Registrar's Office, 4 p.m.
March 12, Thursday	Last Day to Withdraw from or Pass/Fail Full-Semester Courses
March 13, Friday	Spring Recess Begins, 8 a.m.
March 23, Monday	Spring Recess Ends, 8 a.m.
March 30-April 1, Mon.-Wed.	On-Line Registration for Fall Semester 2009 (students with 24 or more credits)
April 2, Thursday	In-Person Registration for Fall Semester 2009 (students with fewer than 24 credits)
April 10, Friday	Good Friday - Classes Not in Session but Not an Official Holiday
April 23, Thursday	Honors Convocation, Dimmet Chapel, 7 p.m.
April 24, Friday	Spring Festival; Classes Dismissed at 3 p.m. Last Day of Classes
April 27-May 1, Mon.-Fri.	Semester Examinations
May 1, Friday	Residence Halls Close for those not participating in Commencement, 5 p.m.
May 2, Saturday	Alumni Day
May 3, Sunday	Baccalaureate and Commencement
May 4, Monday	Residence Halls Close for graduating seniors, 12 noon
May 6, Wednesday	Final Grades Due in Registrar's Office, 4 p.m.
June 19, Friday	Incompletes from the Spring Semester not made up become an "F"

*Monday schedule in effect

May Term (2009)

May 4, Monday	Classes Begin at 9 a.m.
May 25, Monday	Memorial Day, No Classes
May 29, Friday	May Term Ends

June Term (2009)

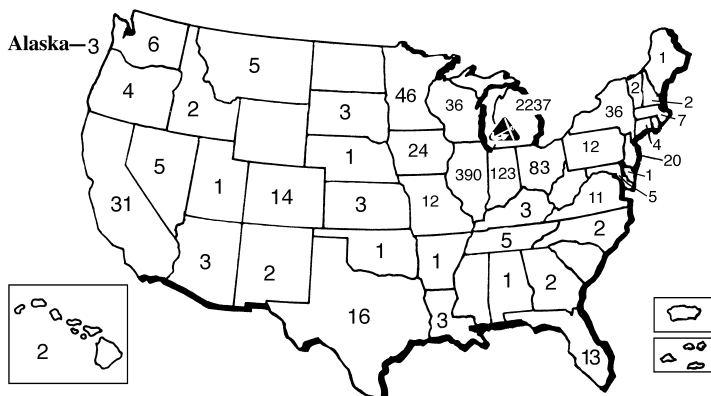
June 1, Monday	Classes Begin at 9 a.m.
June 26, Friday	June Term Ends

July Term (2009)

June 29, Monday	Classes Begin at 9 a.m.
July 3, Friday	Independence Day Vacation, No Classes
July 24, Friday	July Term Ends

Summer Seminars (2009)

July 27-31, Mon.-Fri.	Summer Seminars
-----------------------	-----------------



Hope's student body is comprised of 3,226 men and women, representing 45 states and 31 foreign countries. Approximately 92 percent are from Midwestern states, 3 percent from the East, and 5 percent from the West, South, and foreign nations.

	Men	Women	Total
Freshmen	340	507	847
Sophomores	309	436	745
Juniors	307	411	718
Seniors	340	485	825
Specials	33	58	91
TOTAL	1,329	1,897	3,226

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Foreign Countries Represented:

Australia	Japan	South Africa
Brazil	Kenya	Spain
Canada	Korea	Sri Lanka
China	Mexico	Sudan
Denmark	Nepal	Trinidad
Ethiopia	Netherlands	Uganda
France	Nigeria	Ukraine
Ghana	Romania	United Kingdom
Haiti	Russia	Uruguay
India	Serbia	Vietnam
Ireland		



- academic achievement award, 70
 academic advising, 48
 Academic Affairs Board, 54
 academic honors and awards, 410-423
 academic integrity code, 84-86
 academic progress, satisfactory, 75-77
 academic record, of transfer students, 93;
 transcript of, 94
 academic regulations, 83-94
 academic sessions, 112; August seminars, 112;
 July Term, 112; June Term, 112; May Term,
 112; regular session, 112
 academic standing, 86-87
 Academic Support Center (ASC), 48-49, 186
 academic waivers, requests and appeals for, 91
 academic warning, 87
 accommodations, living, 47, 53
 accounting major, 153; minor, 153-154
 accreditation, 3, 94
 ACT (testing program), 64; testing deadlines,
 424
 activities, student, 59-61
 adding courses, 88
 Administrative Affairs Board, 54
 administrative staff, 395-408
 admissions, international students, 66;
 requirements for freshmen, 64; special or
 part-time students, 67; transfer students, 66
 Advanced Placement Program (APP), 67
 advisors, academic, 48; pre-professional
 program, 356
 African studies program, 342-343
 aid, financial, 69-78; federal programs, 69-75;
 Hope College programs, 70, 78; state
 programs, 70, 71
 aims of college, 4-5
 Alpha Epsilon Delta (honor society), 7
 Alpha Phi Omega (service fraternity), 60
 Alumni Association, 409
 American Chemical Society, accredited by, 3,
 94
Anchor (student newspaper), 61
 ancient civilization (see Classics), 247-250
 Anderson-Werkman Financial Center, 45
 appeals, final grade, 91; for academic waivers,
 91; regarding academic progress, 77
 application fee, 64
 application for degrees, 93
 applying for financial aid, 69-70
 Arabic, 251
 archives, 43
 art and art history, 117-123; exhibits of, 57;
 minor, 115
 artistic awards, 78
 arts, fine and performing, requirements for
 degree, 106
 Arts Program in New York, 350
 Asian studies, minor, 120; off-campus, 343-
 344
 assistantships, 423
 athletic training, accreditation of program, 3,
 94; major, 227
 athletics, 62-63; club sports, 63;
 intercollegiate, 62-63; intramural, 63; policy
 and procedure, 62
 attendance, class, 90-91
 auditing a course, admission requirement, 67;
 regulations, 89
 August seminars, 112
 Australia studies program, 344-345
 awards and honors, 410-423
 baccalaureate (see calendar), 425
 bachelor of arts degree requirements, 97-111
 bachelor of arts degree with major in music,
 272
 bachelor of music degree requirements, 270-
 272
 bachelor of science degree, 110
 bands, jazz, 58; wind ensemble, 58
 baseball, 63
 basketball (men and women), 63
 Beta Beta Beta (honor society), 7
 Bible, courses in, 319-320
 bills, payable, 79-80
 biochemistry, courses in, 129-133; minor, 129
 biology, 121-126; honor society, 7; minor,
 122; research assistantships, 353
 board and room fees, 79
 Board of Trustees, 362
 Boeve Baseball Stadium, 41
 bookstore, 36
 budget payment plan, 74, 80
 building and campus facilities (see campus
 map and key), 32-33
 business administration (see management)
 Buys (Ekdal J.) Athletic Complex, 41
 calendar (2008-09), 425
 Campus Community Hour, 57
 campus employment, 49, 73-74
 Campus Life Board, 54
 campus map and key, 32-33
 Campus Ministries, 55-56
 campus visit days, 2008-09 schedule, 65, 424
 candidate's reply date, 64
 Career Services, 49
 Carl Frost Center for Social Science Research,
 44
 CASA (Children's After School Achievement)
 Program, 37
 catalog of entrance, 97
 Center for Faithful Leadership (CFL), 45,
 234-235
 certification, teacher, 162-165
 certification of veterans, 87-88
 change of courses, 88
 Chapel Choir, 58; course in, 281
 chapel services, 56
 chaplains, college, 55-56

INDEX

- chemistry, 127-133; composite major with geology, 203; minor, 129; research assistantships in, 423
- Chi Omega Omicron (honor society), 7
- Chicago Semester, 352; courses in, 220-221
- Chinese, 251
- choirs (men and women), 58
- chorus, 58; course in, 281
- Christian growth, interpersonal, 56
- Christian ministry, pre-professional program, 357
- church work, pre-professional program, 357
- class attendance, 90-91
- classes, schedule of, 425
- Classics (Classical Studies and Classical Languages), 247-250; honor society, 7; majors, 248, minors, 248
- classification, of classes, 90; of grades, 83
- CLEP, 67, 91-92
- clinic, health, 51; personnel, 406-407
- clubs & organizations, 60; sports, 63
- coaching staff (athletics), 63
- code for academic integrity, 84-86
- College Chorus, 58; course in, 281
- college credit by examination, 67-68, 91-92
- College Level Examination Program (CLEP), 67, 91-92
- college teaching, pre-professional program, 360
- college work-study, 73
- Collegium Musicum, 58; course in, 282
- commencement (see calendar), 425
- Commission on Collegiate Nursing Education, accredited by, 3, 94
- communication, 134-139; honor society, 7; minor, 135-136
- community government, 54-55
- Community Hour, 57
- competitive (Michigan) scholarships, 70-71
- composite majors, 110-111; application for, 110-111; definition of, 110; elementary education student, 111; geology-chemistry, 203; geology-physics, 204; international studies, 225; Japanese studies, 260; musical theatre, 111
- Computing and Information Technology, 44
- computer science, 140-143; honor society, 7; minor, 141
- concerts, 58
- conduct, regulations on, 55
- confidentiality of student records, 93
- Cook Hall, 47
- correspondence directory, inside back cover
- costs, semester/annual fees, 79
- Council on Social Work Education, accredited by, 3, 94
- Counseling Center, personnel, 407; services, 51
- course number guide, 113
- courses, adding and dropping of, 88; descriptions of, 114-340; repetition of, 88; withdrawal from, 88
- credit by examination, (CLEP), 67, 91-92; departmental exams, 68, 92
- credits, class classification, 90; definition of, 113; required for graduation, 97; transfer of, 66, 89-90
- cross country (men and women), 63
- CrossRoads Project, 43, 356
- cultural affairs, 57-58
- Cultural Affairs Committee, 58
- cultural diversity, requirement for degree, 109
- cultural heritage, requirements for degree, 107-108
- cum laude graduation honor, 94
- cumulative average (GPA), 83
- curricular requirements, 100-110
- curriculum, 114-340; objectives of, 95-96; pre-professional programs, 356-361
- dance, 144-150; dual majors, 145; honor society, 7; minor, 146; productions, 57
- Dean's List, 86
- degree, application for, 93; awarding of, 93; program, 95-111
- Delta Omicron (honor society), 7
- Delta Phi Alpha (honor society), 7
- dentistry, pre-professional program, 360-361
- departmental, examinations, 68, 92; major, 109-111
- deposit, enrollment, 64, 424
- De Pree Art Center and Gallery, 35
- DeVos Fieldhouse, 40
- DeWitt Center, 36
- DeWitt Center for Economics and Business Administration, 43
- DeWitt Tennis Center, 41
- Dimnent Memorial Chapel, 35
- dining services, 50
- diplomatic & government work, pre-professional program, 357
- disability services, 50
- dismissal, 87
- domestic study opportunities, 341, 350-354
- dormitories (see residence halls)
- Dow Health & Physical Education Center, 41
- drama, courses in (see theatre)
- dropping courses, 88
- Dutch, 251-252
- earth science (see geological and environmental sciences)
- economics honor society, 7
- economics, management and accounting, 151-161; minors, 153-154
- education, 162-173; composite major, 111; teaching English as a foreign language, 171
- Educational Opportunity Grant, 70
- elementary education, composite major, 111

INDEX

- elementary school teaching, pre-professional program, 359
- employment, student, 49, 73
- engineering, 174-182; degree program, 174-178; dual baccalaureate, 178; minor, 177-178
- Engineering Commission of the Accreditation Board for Engineering and Technology, accredited by, 3, 94
- engineering physics major, 177
- English, 183-191; honor society, 7; minors, 184-186
- enrollment report, 426
- enrollment restrictions, off-campus study, 342
- entrance examination, 64
- entrance requirements, freshmen, 64; international students, 66; non-degree students, 67; transfer students, 66
- environmental science, 200-202; minor, 200
- environmental studies, 192-194; minor, 192
- Eta Sigma Phi (honor society), 7
- ethnic studies, minor, 195
- European study programs, 345-347, 349
- evaluating progress, 75-77
- exams, schedule, 425
- exercise science, major, 228
- expenses, student, 79-82
- expository writing, requirement for degree, 100-101
- facilities, campus (see map), 32
- faculty advising program, 48
- faculty, roster of, 363-394
- Federal Direct Loan programs, 71-73
- federal financial aid, 69-77
- fees, student, 79-80
- final grade, appeal, 91
- financial aid, 69-78
- financial assistance, 68-70; deadline for priority consideration, 68, 70
- fine and performing arts, requirements for degree, 106
- first-year seminar, requirement, 100
- food services, 50
- football, 63
- foreign language, requirement for degree, 103-104
- foreign languages and literature, 246-267
- foreign language honor societies, 7
- foreign study opportunities, 341-350; enrollment restrictions, 342
- fraternities, 60
- French, 252-257; French/dance double major, 253; French/history double major, 208, 253; French/management double major, 154, 254; honor society, 7; minor, 253
- freshmen, admission, 64; standing, 90
- Free Application for Federal Student Aid (FAFSA), 68, 69
- General Education, requirements for degree, 98-109
- General Education Mathematics and Science (GEMS), 196-199
- geological and environmental sciences, 200-206
- geology, 200-206; composite major with chemistry, 203; composite major with physics, 204; honor society, 7; minors, 203
- German, 257-260; honor society, 7; minor, 257
- gift assistance, 70-71
- GLCA programs, 341-351
- glossary of terms, 113
- golf (men and women), 63
- Gospel Choir, 56
- government, community, 54-55
- grade reports, 83
- grading system, 83
- graduate study, pre-professional programs, 356-361
- graduation honors, 94
- grants, grants-in-aid, 70-71
- Graves Hall, 37
- Great Lakes Colleges Association, Inc. (GLCA) programs, 341-351
- Great Performance Series, 58
- guidance, 51
- gymnasium, Dow Center, 41
- HASP, 45
- Haworth Inn and Conference Center, 46
- health dynamics, requirement for degree, 101
- health professions, preprofessional programs, 360-361
- health services, 51; personnel, 406-407
- Higher Learning Commission, accreditation, 3, 94
- history, 207-216; history/French double major, 208, 253; honor society, 7; minor, 209
- Holland, Michigan, 34
- honor societies, 7
- honors and awards, 410-423
- honors independent study or research, 90
- Hope College, historical sketch, 3; purposes, 4
- Hope Grant, 70
- housing, 47, 53; regulations, 53
- illness, 51
- incompletes, 83
- independent study, 90
- intercollegiate athletic program, 62-63; policy and procedure, 62
- interdisciplinary minors, 218-219
- interdisciplinary studies, 217-224
- inter-institutional Consortium Agreements, 75
- International Baccalaureate Program, 67
- international education, study abroad programs, 341-350; enrollment restrictions, 341

INDEX

- international students, admission of, 66;
countries represented, 426
- international studies, composite major, 225
- internships, 355
- instrumental groups, 58
- interviews and campus visits, 64
- intramural athletics, 63
- ISIR, requirement, 74
- Japan, study in, 344, 349-350
- Japanese, 260-262; composite major, 260;
minor, 261
- Japanese studies, composite major, 260
- Jazz Ensemble, 58; course in, 282
- jobs, campus, 49, 73-74
- Joint Archives of Holland, The, 43
- journalism, pre-professional program, 357-358;
see communication
- Judicial Board, 55
- July Term, 112
- June term, 112
- Junior Days, visit days for high school
juniors, 65, 424
- junior standing, 90
- kinesiology, 226-233; honor society, 7; minors,
227-228
- Knickerbocker Theatre, 45
- Lambda Pi Eta (honor society), 7
- language, requirement for degree, 103-104
- late payment fee, 79, 80
- Latin, courses in, 250; minor, 248
- Latin American studies program, 347-348
- law, pre-professional program, 358
- Leadership, Center for Faithful (CFL), 45,
234-235; minor, 218, 234
- learning disabled student services, 48-49
- librarianship, pre-professional program, 358-
359
- library, Van Wylen, 42; branches, 42
- linguistics, courses in, 262, 267
- literary magazine, student written, 61
- literature (English), courses in, 189-191
- living accommodations, 47, 53
- load, student study, 90
- loans, 71-73
- Lubbers Hall, 36
- Maas Center, 46
- magna cum laude graduation honor, 94
- major, composite, see composite majors;
definitions, 113; departmental, 110;
programs, 110-111
- management, 151-161; minor, 154
- management/French double major, 154, 254
- map of campus, 32
- mathematics, 236-241; honor society, 7;
minors, 237; requirements for degree, 101-
102
- May term, 112
- meal plans, 50, 79; changes, 79; fees, 79
- media, student, 61
- medicine, pre-professional program, 360-361
- men's intramural sports, 63
- merit-based scholarships, 78; deadline for
application, 78, 424
- Michigan Competitive Scholarship, 70-71
- Michigan Intercollegiate Athletic Association
(MIAA), member of, 63
- Michigan Tuition Grant, 71
- Milestone* (yearbook), 61
- Miller (Martha) Center for Global
Communication, 39
- MI-Loan, 73
- ministry, pre-professional program, 357;
studies in, minor, 242-245
- minor, 114; definition of, 113
- mission of the college, 1
- modern and classical languages, 246-267;
requirement for degree, 105-104
- Mortar Board (honor society), 7
- multicultural education, office of, 52
- music, 268-282; fees for private lessons, 79;
honor society, 7; library, 42; minors, 269-
270; pre-professional program, 359;
programs, 58
- musical theatre, composite major, 111
- name changes on academic records, 93
- National Association of Schools of Art and
Design, accredited by, 3, 94
- National Association of Schools of Dance,
accredited by, 3, 94
- National Association of Schools of Music,
accredited by, 3, 94
- National Association of Schools of Theatre,
accredited by, 3, 94
- National Collegiate Athletic Association
(NCAA), member of, 62
- National Council for the Accreditation of
Teacher Education, accredited by, 3, 94
- National Merit Scholarships, 78
- national testing deadlines, 424
- natural sciences, requirements for degree, 101-
103
- need-based financial aid, 70-73
- neuroscience, minor, 283-284
- Newberry Library Program in the Humanities,
350
- newspaper, student, 61
- New York Arts program, 350
- non-degree students, admission of, 67
- non-returning students, 88; financial
considerations for, 80-82
- North Central Association of Colleges and
Secondary Schools, accredited by, 3, 94
- nursing, 285-291
- Nykerk (freshman-sophomore competition), 60
- Nykerk Hall of Music, 37

INDEX

- Oak Ridge Science semester, 351
oceanography (see geology), 200
off-campus study opportunities, 341-352;
 enrollment restrictions, 342
Omicron Delta Epsilon (honor society), 7
on-campus study opportunities, 352-354
opportunities for talented students, 352-353
optometry, pre-professional program, 361
Opus (literary magazine), 61
Orchestra, 58; course in, 281
Oregon Extension, 351
organizations, student, 60
overseas study opportunities, 341-350
- Parent Relations, 409
pass-fail option, 89
payment of college bills, 79-80
payment of financial aid to students, 74
Peale wing (science center), 38
PELL Grant, 70
performing and fine arts, requirements for
 degree, 106
Perkins Loan Program, 71
pharmacy, pre-professional program, 361
Phelps Scholars Program, 353-354
Phi Alpha (honor society), 7
Phi Alpha Theta (honor society), 7
Phi Beta Kappa, 7
Philadelphia Center, The, 219-220, 351-352
philosophy, 292-297; minor, 293
philosophy of education at Hope College, 95
physical education, (see kinesiology), 226-233;
 honor society, 7; requirement for degree,
 101
physical therapy, pre-professional program,
 361
physics, 298-303; composite major with
 geology, 204; honor society, 7; minor, 299;
 research assistantships, 423
Pi Delta Phi (honor society), 7
Pi Kappa Delta (honor society), 7
Pi Kappa Lambda (honor society), 7
Pi Mu Epsilon (honor society), 7
Pi Sigma Alpha (honor society), 7
placement services, 49
plagiarism, 84-86
PLUS Loan Program, 73
political science, 304-311; honor society, 7;
 minor, 305
pre dental, premedical honor society, 7
pre-professional programs, 356-361; advisors
 for, 356
prerequisite, definition of, 113
probation (academic standing), 87
professions, pre-professional programs, 356-
 361
PSAT, testing deadlines, 424
Psi Chi (honor society), 7
psychology, 312-317; honor society, 7; minor,
 313
- Public Discourse, Virtues of, 12
public speaking (see department of
 communication), 134
publications, student, 61
Pull, The (freshman-sophomore competition),
 60
- quality points, explanation of, 83; graduation
 requirement, 97
Querétaro, Hope semester at, 348, 350
- radio, WTHS, 61
readmission, 68
recitals, 58
Reformed Church in America, affiliation with,
 1, 3
refund policies, financial aid, 81-82; room,
 board and tuition, 80
registration (see calendar), 425
regular academic session, 112
regulations, academic, 83-94; college, 55;
 housing, 53
reinstatement of financial aid, 77
religion, 318-322; minors, 319; requirements
 for degree, 104-105
religious dimension, 55-56
renewal of financial aid, 74-76
repayment of student loans, 71-73
repeating a course, 88
requirements for graduation, curricular, 100-
 110; major, 109-111
research, independent, 90
residence halls, locations (see campus map),
 32; types on campus, 47, 53
residence requirements, 97
room and board fees, 79
Russian, 263-264; minor, 263
- SAF (Supplemental Application for Financial
 Aid), 69, 69
SAT testing deadlines, 424; testing program,
 64
satisfactory academic progress policy, 75-77
Schaap (A. Paul) Science Center, 38
scholarships, merit-based, 78; need-based, 70-
 71
Schoon Meditation Chapel, 37
science, honor society, 7; requirements for
 degree: (natural), 101-103; (social), 105-106
science center complex, 38
secondary school teaching, pre-professional,
 360
semester, definition of, 113
semester hours, definition of, 113
semesters (see calendar), 425
Senior Honors Project, 90
senior seminar, courses in, 221-224;
 requirement for degree, 108-109
senior standing, 90
service organizations, 60

INDEX

- services, worship, 56
sessions, academic, 112; (see calendar, 425)
Sigma Delta Pi (honor society), 7
Sigma Gamma Epsilon (honor society), 7
Sigma Omicron (honor society), 7
Sigma Pi Sigma (honor society), 7
Sigma Xi (honor society), 7
Snow Auditorium, 37
soccer (men and women), 63
Social Activities Committee (SAC), 60
social life, 59-61
social ministries, 56
social science, requirements for degree, 105-106
social work, 327-331; honor society, 7; pre-professional program, 359
sociology, 323-327; criminal justice focus, 323; minor, 325
softball, 63
sophomore competency in writing, 93
sophomore standing, 90
sororities, 60
Spanish, 264-267; honor society, 7; minor, 264
special education, 164
special fees, 79
special students, 67
speech, courses in (see communication), 134
sports, 62-63; statement of purposes and policies, 62
state financial aid, 70-71
Student Activities Office, 59
Student Congress, 55
student employment, 49, 73
student expenses, 79-80
Student Handbook, 55
student health services, 51
student load, 90
student records, policy, 93
studies in ministry minor, 242-245
study abroad, programs, 341-350
summa cum laude graduation honor, 94
summer sessions, admission to, 67; definition of, 112
Supplemental Application for Financial Aid (SAF), 68, 69
Supplemental Educational Opportunity Grant (S.E.O.G.), 70
swimming (men & women), 63
Symphonette, 58; course in, 281-282

talented students, programs for, 352-353
teacher certification, 162-165
teacher placement service, 165
teaching, pre-professional program, 359-360
tennis (men & women), 63; center, 41
theatre, 332-337; laboratory fees, 79; minor, 333; productions, 57

Theil Research Center, 43
TOEFL, admissions requirements for international students, 66
track (men & women), 63
traditional events, list of, 60
transcript of record, 94
transfer of credit; 66, 89-90
transfer students, admission 66; credit from other colleges, 66; record of, 93
Trustees, Board of, 362
tuition, cost of, 79

Upward Bound program, 37, 354
Urban Semester in Philadelphia, see Philadelphia Center, The

VanderWerf Hall, 45
Van Raalte (A.C.) Institute, 43
Van Wylen Library, 42
Van Zoeren Hall, 44
varsity athletics, 63
verification requirements, financial aid, 74-75
veterans, certification of, 87-88
veterinary medicine, pre-professional program, 361
Vienna summer school, 349
Virtues of Public Discourse, 12
Vision statement, 11
visits by prospective students, 65, 424
vocal groups, 58
vocation, exploring, 43, 356
volleyball, 63
Volunteer Services, Center for, 52

WTHS, student radio, 61
waivers, academic, 91
Washington Honors Semester Program, 311, 352
Wichers Auditorium, 37
Winants Auditorium, 37
Wind Symphony, 58; course in, 282
withdrawal, from college, 88; financial considerations, 80-82; from courses, 88
Wolters Softball Stadium, 41
Women's Choir, 281
women's intramural sports, 63
women's studies, 338-340; major, 338; minor, 338
work opportunities, 49, 73
work load, academic, 90
work study program, 73
worship, 56
writing, courses in, 187-189; minor, 186
writing handbook (official), 93
writing, sophomore competency in, 93

yearbook (*Milestone*), 61

CORRESPONDENCE DIRECTORY



Officers of the college will be happy to answer questions. For prompt attention, inquiries in specific areas should be addressed to:

ADMISSIONS

Information regarding admission to college.

Office of Admissions, 99 East 10th Street

FINANCIAL AID

Admissions and financial aid requirements, campus jobs, application forms, catalogs, etc.

Financial Aid Office, 100 E. 8th St.

EDUCATIONAL PROGRAM, TRANSCRIPTS, ACADEMIC REPORTS, ACADEMIC ADVISING

Information on courses of study, requests for transcripts, and correspondence regarding transfer work or withdrawal.

The Registrar, DeWitt Center

STUDENT SERVICES

Information about enrolled students — general welfare, health, counseling services.

Student Development, DeWitt Center

BUSINESS MATTERS

Payment of college fees, repayment of student loans, and other business matters.

Business Manager, 100 E. 8th St.

THE DEVELOPMENT PROGRAM

Information on annuity investment opportunities, gifts, and bequests.

College Advancement, DeWitt Center

FOREIGN STUDY PROGRAMS/INTERNATIONAL STUDENT ADVISING

Director of International Education

SUMMER SESSIONS

Information about admission, fees, course offerings, etc.

(Summer catalog printed in March)

The Registrar, DeWitt Center

GENERAL INFORMATION AND POLICY

Matters other than those previously specified.

The President, DeWitt Center



HOPE COLLEGE
HOLLAND, MICHIGAN 49423



HOPE COLLEGE
HOLLAND, MICHIGAN 49423