1997


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The mission of Hope College is to offer with recognized excellence, academic programs in liberal arts, in the setting of a residential, undergraduate, coeducational college, and in the context of the historic Christian faith.

The “Hope People” personality profiles in this catalog were written by Amy M. Hyatt '97 of Irvine, Calif.
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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. Battling hostile forces in an untamed land, 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 53 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 Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools, the American Chemical Society, the National Association of Schools of Art and Design, the National Association of Schools of Music, the National Association of Schools of Theatre, the National Association of Schools of Dance, the National League for Nursing, the National Council for Accreditation of Teacher Education, the Council on Social Work Education, 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 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. 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 able 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 80 percent 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 $3 million in the past two years.

The 1997 Fiske Guide to Colleges, which named Hope one of its "Best Buys," describes Hope as "founded on the belief that its students should graduate with not only a top-notch education but also with an understanding of their purpose and life and within their religion," and adds, "For this small liberal arts college, such lofty ambitions are an attainable reality." U.S. News and World Report's 1996 America's Best Colleges ranked Hope among the nation's 160 best national liberal arts colleges, and the first edition of Peterson's Top Colleges for Science includes Hope among its top 190 four-year programs in the biological, chemical, geological, mathematical and physical sciences. Hope has been named to the John Templeton Foundation's biennial "Honor Roll for Character-Building Colleges" seven consecutive times, most recently for 1997-98.

Evidence of excellence abounds at Hope. For example, 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 one of only a handful of small colleges to have had four or more graduates begin study through prestigious Rhodes and Marshall scholarships since 1987.

The college's program in the sciences and mathematics was recognized as a "Program That Works" by Project Kaleidoscope of Washington, D.C., and identified as a model for other institutions to consider. Four departments in the sciences (biology, chemistry, computer science and physics) held grants through the NSF-REU (National Science Foundation Research Experiences for Undergraduates) program in the summer of 1997.
Anne Bakker-Gras, director of student activities, was named the nation's best student activities programmer by the National Association for Campus Activities (NACA), receiving the 1997 "Patsy Morley Outstanding Programmer Award." Tom Renner, director of public relations and sports information director, was chosen to serve as a volunteer in media relations in men's basketball and women's gymnastics during the 1996 Atlanta Olympics.

Hope's department of education is currently accredited by the National Council for Accreditation of Teacher Education. Hope formed the first student chapter of the Association for Supervision and Curriculum Development (ASCD), a professional organization with 198,000 members nationwide. The Hope chapter prompted the ASCD to establish an undergraduate student chapter program, and is serving as a model for other colleges and universities interested in establishing their own. In addition, the department of dance is believed to have established the nation's first honorary society for dance students, a move that is also being viewed as a model by other institutions.

According to a study of 914 institutions released by Franklin and Marshall College, Hope ranked in the top four percent in the nation in producing future Ph.D. holders in the sciences between 1920 and 1990. The department of chemistry was in the top one percent, and the college as a whole was in the top five percent.

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 249 institutions in the U.S. and only seven 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)
- Mortar Board (national honorary)
- Alpha Epsilon Delta (premedical, predental)
- Beta Beta Beta (biology)
- Delta Omicron (music)
- Delta Phi Alpha (German)
- Eta Sigma Phi (classical languages)
- Lambda Pi Eta (communication)
- Omicron Delta Epsilon (economics)
- Phi Alpha (social work)
- Phi Beta Kappa (national honorary)
- Phi Alpha Theta (history)
- Pi Delta Phi (French)
- Pi Kappa Delta (forensics)
- Pi Kappa Lambda (music)
- Pi Mu Epsilon (mathematics)
- Pi Sigma Alpha (political science)
- Psi Chi (psychology)
- Sigma Delta Pi (Spanish)
- Sigma Gamma Epsilon (geology)
- Sigma Omicron (dance)
- Sigma Pi Sigma (physics)
- 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 1996 Hope had graduated 67.4 percent of those students admitted as first-year students in the fall of 1990. 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.
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.

In recent years, approximately 85 percent of those graduating seniors registered with the prelaw advisor were accepted into law schools. Among the law schools by which these graduates have been accepted are: American, Boston University, Chicago, Chicago-Kent, Columbia, Cornell, Denver, Detroit, Duke, Georgetown, George Washington, Illinois, Indiana (Bloomington), Iowa, Loyola-Chicago, Marquette, Miami, Michigan, Minnesota, Northwestern, Notre Dame, Pittsburgh, Southern Illinois, Texas, Toledo, Valparaiso, Vanderbilt, Washington and Lee, Washington University-St. Louis, Wayne State, William and Mary, and Wisconsin.

Hope premedical students have been accepted into medical schools at a rate well above the national average. For example, during the past five years (1992 through 1996), 90 percent of the Hope applicants whose grade point average was 3.4 or above were accepted by medical schools. During that same period; another 24 students were accepted who had grade point averages below 3.4.

During the past five years (1992 through 1996), 100 percent of the Hope applicants with a grade point average of 3.2 or better were accepted into dental schools.

Since the Hope-Calvin Nursing Program began in 1984, the percentage of the program’s graduates taking the state licensing exam and passing on their first attempt has been well above the norm.

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.
Curriculum — Hope's educational program offers a variety of courses in 53 majors. Throughout this educational program, Hope is concerned with developing intellectual discipline and fellowship in inquiry. (See “The Degree Program,” page 87 and departmental listings in “The Curriculum,” beginning on page 103.) 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.

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 297.) 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 three-week May and June Terms for intensive study in one subject, a six-week regular summer program in late June and July, and one-week concentrated humanities seminars later in the summer. (See “Academic Sessions,” page 101.)

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,” pages 286, 295-297.)

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,” pages 286-294.)

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 60.)
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 co­educational balance, with last year’s student body consisting of 1,660 women and 1,189 men.

While the current racial make-up of the student body is approximately 92 percent Caucasian, there is a steady increase in the number of African American, Asian, Hispanic, Native American and international students choosing Hope. 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 58 percent receive need-based financial aid. On the whole, 87 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 20 percent are affiliated with the Reformed Church in America. The second largest denomination is Roman Catholic, representing 13 percent of the student body. Seven 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.
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, "bull sessions" in residence halls or the campus coffee shop, colloquia and performances, essays in The Anchor, and many other informal contacts.

Hope's full-time faculty number 195, and 75 individuals serve as part-time lecturers or adjunct professors. Most hold completed doctorates or other terminal degrees. The student-faculty ratio is 13-to-1, assuring students excellent opportunities for learning interaction and personal contact with professors, especially within one's major field of study.

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

Jack Ridl, professor of English, was named 1996 "Professor of the Year" for the state of Michigan by the Carnegie Foundation for the Advancement of Teaching. Stephen Hemenway, also of the English faculty, had received the honor in 1992, and biologist Harvey Blankespoor had been named national "Professor of the Year" in 1991.

Larry Wagenaar, director of the Joint Archives of Holland and an associate professor, is president of the Historical Society of Michigan. Roberta Kraft of the music faculty is serving as vice president of the Michigan Music Teachers Association (MMTA), from which she has also received "Teacher of the Year" honors.

A paper examining infinity and faith by mathematician Timothy Pennings was named an "Exemplary Paper in Humility Theology for 1996" through the Templeton Exemplary Papers Program. A new approach to teaching pre-calculus at Hope College was one of 20 winners nationwide in the first INPUT (Innovative Programs Using Technology) competition.

Pinckney Benedict, associate professor of English, received a Pushcart Prize for one of his short stories, and Jackie Bartley of the English faculty won first place in the fifth annual White Eagle Coffee Store Press Chapbook Contest. Heather Sellers of the English faculty was selected for writing residencies at the Millay Colony for the Arts in Austerlitz, N.Y., and Hawthornden Castle near Edinburgh, Scotland.

Sociologist Deborah Sturtevant received one of only 24 dissertation grants made nationwide by the Aspen Institute's Nonprofit Sector Research Fund for her investigation of the relationship between government and charitable human service nonprofits in Michigan. Assistant Provost Alfredo Gonzalez received one of only 24 fellowships awarded nationwide by the Ford Foundation to attend an international conference in India on diversity issues in higher education.

Men's basketball coach Glenn Van Wieren is the winningest basketball coach in Hope history, guiding the team to 384 victories, and has coached Hope to a record 11 Michigan Intercollegiate Athletic Association championships.

Faculty books of the past year have concerned topics ranging from the study of poetry to the history of rhetorical activity to the Supreme Court's impact on politics. Several Hope professors have gained national and international recognition in fields ranging from parasite-induced human diseases to social psychology to the writings of author/theologian C.S. Lewis to printmaking.
Two worlds live within the heart of Jack Ridl: his father’s life as a basketball coach and the circus family of his mother. These worlds have aroused a spirit of imagination in this writer and poet that showers over his students.

“I grew up in a very inventive household. We were encouraged to be imaginative and inventive,” says Professor Ridl, who was named the 1996 “Professor of the Year” for the state of Michigan.

He encourages that imaginative flair with his students in their writing. Yet, a student will not learn inspiration from Professor Ridl; rather he helps them learn it from themselves. “The students learn they can take responsibility for being inspired,” he says. “They can do it.”

Professor Ridl wants his students to look around them, notice things, and draw their own conclusions. “A lot of ‘alive’ feeling comes from being really deeply attached to the kind of energy that comes from a poem,” he says. “That comes from their taking the responsibility for being attentive, rather than my trying to impose some interpretation upon them. It really is there.”

Teaching is an on-going learning process for Professor Ridl, and one he enjoys. “You don’t learn how to coach basketball, you learn how to coach the next game and the next game. That is so ingrained in me that I have never taken a single class for granted. I’m in the locker room and I’m getting fired up. Those people have me for three hours in class and I am going to have a good time.”

The student who enters Professor Ridl’s classroom will find an atmosphere of playfulness and thoughtfulness. It will be a place where he will guide them, not lead them in their writing.

“I am primarily a responder. I have wonderful students who give me a chance to respond in thoughtful, inventive, fun ways — they give me the stuff. My dad as a coach started with the player. I start with the student. ‘What can you do?’ ‘Where are you?’ That comes from my dad. It comes from the circus. It comes from who I am.”
Research and teaching are both passions for Dr. Joanne Stewart — and the reason why she came to Hope College.

As an associate professor of chemistry, Dr. Stewart has found "a place where I can combine my interests in research and teaching. Hope is one of the top undergraduate institutions in the country where you can do both teaching and research at a level that is exciting to me."

Dr. Stewart believes that research is teaching, and an integral part of a student's education. It is what drives her interest in chemistry.

"Research is very exciting and I can't imagine not doing it," she says. "Hopefully that excitement transmits to the classroom. I know if I were teaching and not doing research it would be very difficult to stay excited about science."

Even when she first interviewed at Hope, Dr. Stewart knew after speaking with students that it was the place for her. "I didn't interview at any other schools where I could sit down with students and talk research with them," she recalls. "Each one was working on something different and each was so excited about their project. That's really impressive."

Research involves taking a new look at a problem or question — or perhaps investigating an entirely new question. Hope students conduct research in a group with fellow students and are supervised by a faculty member — a format patterned after the graduate school model. Many students even find themselves listed as co-investigators in the scholarly articles that follow the projects.

Dr. Stewart says that the students working on research projects at Hope are getting an experience they may not acquire elsewhere.

"At many schools students research only as a senior project, but not here," she says. "They get involved their first or second year and are as productive as many graduate students."

Dr. Stewart says that the research has great value for the students' future. "It goes back to the idea that research is teaching," she continues, "and so it's an integral part of the student's science education. It's not a separate thing they do for experience. It's part of their education."
Psychologist Dr. David G. Myers has the ability to teach thousands of students all over the country — and he does it all from Hope College.

Dr. Myers is the author of two widely used textbooks, *Psychology* and *Social Psychology*. Writing these books has allowed him to share his interest in psychology with numerous college students. “I really enjoy writing and the writing is teaching.”

Writing has also allowed Dr. Myers, who Hope students named the college’s Outstanding Professor in 1972, to inform the general public about new findings in psychology.

“Writing these textbooks I am able to sit in the catbird seat overlooking the whole discipline of psychology,” he says, “and from time to time, come across new information that strikes me as so interesting and humanly significant, that not just college students, but everybody should know about it.”

Dr. Myers’s research on happiness led him to publish *The Pursuit of Happiness: Who is Happy — and Why* in 1992. The book spurred more than 200 media interviews and 100 lecture invitations, and an opportunity to consult on an ABC one-hour special, *The Mystery of Happiness*.

Dr. Myers has enjoyed much success in the publication of his writing. Yet, he also stresses the important influence of Hope colleague Jack Ridl of the English faculty, with whom he has worked on articles and his books alike. In his preface to *Psychology*, he notes, “He more than anyone cultivated my delight in dancing with the language, and taught me to approach writing as a craft that shades into art.”

Dr. Myers has found that such cross-departmental collaboration is not at all uncommon at Hope, and it’s a quality of the college that he values highly.

“It’s what the liberal arts college is best at,” he says. “Universities may be better than us at some things, but we’re better at Hope when it comes to having conversations across disciplines and being each other’s students.”
Dr. Caroline Simon says she first encountered philosophy in high school, reading a selection from Plato’s *Republic*. She found it fascinating; however, her continued study of the discipline was due to more than just fascination. “The first philosophy course I took, the teacher made me very angry and I wanted to learn how to argue well enough to show him he was wrong about things.”

Dr. Simon hopes to help equip her students with the same tools. She wants them to realize that “philosophy is an ongoing conversation and a matter of being able to talk back to even the great philosophers.”

“Students have views and those views need to be examined. A good way to get yourself to examine your views is to run into people whose views are different than yours,” she continues. “That’s how I try to get students to see philosophers. These are intelligent people who have thought hard about the great questions of life. But that doesn’t mean you need to just sit back and nod your head. You can talk back to these people. The goal of the conversation is to arrive at a richer understanding than any one person could achieve on his or her own.”

Dr. Simon notes certain preconceived notions many newcomers may have when entering a philosophy course. “Students come in with three fears. One, that it is going to be hard. Another is that it will have dangerous effects on them. The other is that it’s going to be irrelevant. Philosophy is hard, but worth the effort. It is a risk — you don’t know where you’re going to come out. And, it’s not irrelevant. These people we look at in philosophy are asking the vital human questions. They’re such hard questions that we can’t assume that we have the exhaustive answer to them.”

Encouraging students to think critically in this manner has been a positive experience made possible by the sense of involvement she feels teaching at Hope allows. “It’s one of those things that I think is wonderful about Hope,” she says. “I see students develop over time. Teaching at a large university is really like doing assembly line work. Someone will come in and you kind of turn a screw and off they go, never knowing where or what they end up like.”

“Here I see students grow over time and I watch them establish themselves in the community. I find out that they have turned into thriving adults and that’s very satisfying.”
According to Professor Richard Smith, one of the differences between the theatre program at Hope and one at a large university is that at Hope “you don't have to stand in line as long in order to get cast in a show or to participate in another area of theatre.”

Hope’s theatre program offers students many opportunities to become involved and to gain a hands-on experience. Professor Smith says, “You can come here as a first-year student and immediately become involved in classes and/or production work. There are fewer such opportunities for undergraduates in a large university.”

Professor Smith notes the department of theatre provides a pre-professional training program that is geared to prepare students to enter the profession at the intern level or go on to graduate school for advanced training.

“Our program is co-curricular. Students take classes, but there is also the production component,” he says. “In classes you learn theory and technique. In production you apply the various principles of performance, design, and technical theatre. What we try to do is to give students a very broad background of knowledge and experiences in theatre arts.”

The academic and production programs try to accommodate the varying interests of students. Professor Smith says, “While students can take a general theatre major, they may also choose to specialize in areas such as lighting, sound, costumes, scenery and properties design, theatre technology, performance (acting/directing), stage management, or history and criticism of theatre.”

Interested students can become involved in various ways. “If you are interested in performance as a major or non-major, one thing you can do is audition.” Professor Smith explains that plays directed by faculty and students occur each semester and auditions are open to all students on campus. Even students who aren’t cast can still become involved in main stage productions by working behind the scenes as a volunteer or in a part-time paid position.

Professor Smith notes that work in theatre is supportive of the liberal arts educational goals of Hope. Theatre productions not only encompass dance, music, texture, and visual arts — but in many ways deal with issues of science, politics, sociology, psychology, history, philosophy, and religion.

“It is one of the reasons we welcome the participation and attendance of students from all disciplines,” he says. “We want all students to participate in theatre in some way as a means of broadening their artistic and intellectual experience while at Hope.”
ADMINISTRATION & STAFF

Many people with a variety of academic, business, counseling, and service skills make up the Hope administration. Some are "behind the scenes" people who insure the operations of the college. Many work directly with students to provide services and fulfill needs.

When he leaves his office at the end of the day, President John H. Jacobson remains a part of the Hope community.

The President's home stands right in the middle of campus, nestled between two residence halls. The location gives him a 24-hour perspective on the college, and he likes what it has shown him.

President Jacobson has always been impressed with the friendly and warm environment that Hope offers its students. "I like the campus atmosphere here," he says. "When I stepped on campus it was a different kind of place. A very friendly, open, welcome kind of place, and I like that."

He says the students he encounters "are cooperative rather than competitive with each other. They tend to be supportive of each other, kind and thoughtful."

At the same time, however, he feels that Hope students find plenty of ways to be distinctive. "Hope students are not all the same. I think that is important," he says. "You don't have that sort of uniformity here where everybody is trying to be like everybody else. Here we have diversity of backgrounds, diversity of interests and diversity of ideas."

The welcoming and friendly attitudes of students, he believes, are accompanied by the caring faculty of Hope. Together they provide opportunity to pursue varying interests and ideas. President Jacobson has found that "here more than elsewhere, faculty have a positive interest in helping the students they encounter in a personal way. They accept the idea that part of being a faculty member is this kind of individual contact."

The combination of student and faculty character coupled with a sound educational program, yields a learning experience that President Jacobson feels is second to none.

"The best education at the undergraduate level is available in institutions like this," he says. "The education offered at Hope is very sound from the academic and professional standpoint. But it is also more personal."
Knowledge, mystery, information, conversation — all this and more can be explored by the curious student at Hope’s Van Wylen Library.

As director of library services, David Jensen is committed to helping students conduct such exploration. With great passion and devotion, he and his talented staff have provided an environment in which students can learn from others and educate themselves. “It is so exciting, what is available in a place like this,” he says.

The Van Wylen Library offers various forms of print as well as electronic resources. “Our mission is to support the students and faculty in the teaching and learning process by providing access to a wide range of information resources and by assuring that the use of these resources is thoroughly integrated into the educational program of the college,” he says.

Staff members are always available and Jensen says he wants students to ask for help. “I am disturbed if someone leaves here without having expressed their need to the staff,” he says. “If they are having trouble finding what they need, then they should ask for help. That’s why we have a staff, people who like to be asked, who are waiting to be asked.”

Along with the services the library provides, Jensen believes that the architecture of the building itself creates an atmosphere that accommodates the differing study habits of each student.

“We have a fine building. There is a great sense of openness,” he says. “Yet, there are plenty of nooks and crannies if you want to feel tucked away. It’s been a wonderfully functional building.”

Jensen adds that the library is not only beneficial during a student’s college years, but has value beyond the Hope experience.

“The whole world is available in this library and I want them to use it, enjoy it, and to have fun,” he says. “There is an enormous resource available to them their whole lives for whatever they want to do — for their work, entertainment, or for life in general — and it’s all in the library.”
As resident director of the Van Vleck residence hall and a Hope graduate, Kim Mendels has had rewarding experiences in both roles.

"I loved my experience here as a student," she says. "I think it was rewarding in a lot of ways — academically, spiritually and socially. College is a good time to ask important questions about who you want to be and where you want to go."

Pursuing a master's degree in social work, Kim feels that Hope prepared her well for the future. "Going on to graduate school has been much less difficult than I thought it would be," she says. "Hope prepared me wonderfully, both academically and professionally for graduate work and the work force."

Although graduate school keeps her busy, Kim always finds time to spend with her residents and residential life staff. Kim and her husband Kevin, who works for Computing and Information Technology at Hope, live in the residence hall, and she praises its rewards.

"It's fun. I love it. It's been a great experience," she says. "It's nice because I know how important it was for me to have solid and positive relationships with Hope faculty and staff while I was here. They kept me grounded in the important things. So that has been really important to me — to provide that type of relationship to students. This is my way of giving back for the experiences I had here."

Along with building positive relationships with her residents, Kim also plans social and educational activities that get everyone involved. Holiday parties are often held in the basement for food and relaxing. The whole group goes together to seminars and other events on campus. Hay rides, bonfires, beach parties and movie nights also make for friendship-building opportunities.

Kim encourages students coming to Hope to seek out relationships with their resident directors and resident assistants.

"I think they need to look at the RA and RD as a friend and someone that makes it comfortable and possible for people coming from all different walks of life to come together — to live together in the same building, build friendships and learn from each other."
THE STUDENTS

Through the years, Hope students have displayed their academic, athletic and leadership talents, not only campus-wide, but regionally and nationally. Some prominent 1996-97 student accomplishments appear below:

A student-designed project was one of only 24 nationwide chosen for the 1997 NASA Reduced Gravity Student Flight Opportunities program, which included a chance to conduct zero-gravity research aboard NASA’s Boeing KC-135A at the Johnson Space Center in Houston, Texas.

Katie Drake, a senior from Rochester Hills, Mich., received a prestigious Goldwater Scholarship for the 1997-98 academic year. The scholarships were awarded by the Board of Trustees of the Barry M. Goldwater Scholarship and Excellence in Education Foundation to only 282 undergraduate sophomores and juniors.

Brandon Hayashi, a 1997 graduate from Kaneohe, Hawaii, won first place in the highest level in the Michigan/Ohio Division of the Japanese Speech Contest sponsored by the Japanese government on Saturday, March 22. He was one of 100 students competing in a category for college students who have been studying the language for more than one year.

Nicole Flinn, a 1997 graduate from Ionia, Mich., was named a 1997 “Outstanding Dance Educator” by the National Dance Association. The recipients were chosen from a pool comprised of nominees — one per institution — from participating colleges and universities.

Both Hope student delegations won the two “Best Delegation” awards presented during the 1997 Midwest Model League of Arab States — the ninth year in a row that Hope participants won “Best Delegation” honors. In addition, seven of the 13 Hope students who participated won individual awards.

Hope’s Mortar Board chapter was recognized as a “Mortar Board Chapter of Excellence” for 1995-96 for exemplifying the national organization’s ideals of scholarship, leadership and service.

Jodi James, a 1997 graduate from South Barrington, Ill., who was the leader of the student NASA project, was also the first Hope dance student to present original choreography during a regional meeting of the American College Dance Festival (ACDF), held in Iowa City, Iowa.

A total of 175 students participated in 11 different spring break service projects organized by the college’s Campus Ministries office. Destinations ranged from Jamaica to Honduras to New York City to the Rosebud Indian Reservation in South Dakota.

The Social Activities Committee (SAC) won seven awards, including the first-place “Comprehensive Programming Award,” during the “NACA (National Association for Campus Activities) Great Lakes Regional Awards” competition in the fall. SAC also received two awards for graphic design during the NACA’s national convention in Philadelphia, Pa., in February.

The 1996 Milestone yearbook earned a variety of honors, including a first place in the American Scholastic Press Association’s “1996 Scholastic Yearbook Awards” program.

The Hope College Chapel Choir conducted a concert tour of England and the Netherlands in May. The Symphonette toured the East Coast during its spring tour, and had toured Australia and New Zealand the year before.

The Hope men’s basketball team won a record 28th Michigan Intercollegiate Athletic Association (MIAA) championship, and advanced to the “Sweet 16” in NCAA Division III tournament play.
As he anticipated college, Anthony Perez had trouble narrowing his interests down.

At Hope, he hasn’t had to. Instead, he’s majoring in nursing while at the same time serving as editor-in-chief of the college’s yearbook, the *Milestone*.

Anthony has found the nursing program challenging and the professors helpful, with popcorn often accompanying study sessions. He also appreciates that the nursing house provides a home-like environment for the department’s students. “It’s a place on campus where we all meet for class and studying,” he says. “We end up studying all night long for exams and talking.”

Working on the yearbook, Anthony notes, was an important goal for him even when he first arrived at Hope. “It was the only thing I wanted to do,” he explains. “I was there at the activities fair when it first opened and went right to the yearbook table, and said, ‘I’m here, put me to work.’” After the first year with the book, he was offered the editorship.

“This is the greatest time of your life; it’s the freest time of your life,” Anthony says. “I want to capture that experience for everybody — the best four years of your life, and put it in one place.”

He and the *Milestone*’s devoted staff members have seen their efforts rewarded with a variety of honors. The 1996 yearbook won a second place “Best of Show Award” from the Associated Collegiate Press at the National College Media Convention held in Orlando, Fla., and a first place in the American Scholastic Press Association’s “1996 Scholastic Yearbook Awards” program.

Anthony is still uncertain about where he will be in the future when he opens up his *Milestone* to remember a few special moments at Hope. He may stay with a career in nursing, or, he notes, he might decide to pursue a career in yearbook publishing, perhaps working with other students who share his passion for chronicling their college years.

His time at Hope, though, has given him experiences that will help him with either direction.

“I’m just doing what I’m doing, and we’ll see what doors open as I get closer to leaving here,” he says. “I’m just enjoying these four years with my friends and doing the things I like to do.”
Born and raised in southern California, Megan Hicks has traveled many miles to Hope. Because she is so far from home, a question she is frequently asked is, “What made you decide to come to Hope College?”

One answer Megan will give is that the former pastor of her home church in Irvine, Calif., is now dean of the chapel at Hope. Another, is how impressed she was with the campus upon her tour as a senior in high school. Yet, the most important answer Megan will give is that she came to sing, and Hope has given her many chances to do just that.

Music has been an integral part of Megan’s life, and studying music at Hope as a vocal performance major has not only provided her with the opportunity to improve herself, but to share her talent with others. “I feel that God has given me this gift of music and when I sing I’m giving it back and sharing it. And that’s special — you can find out what God has given you and run with it. The opportunities that come up amaze me.”

Opportunities arising in music at Hope have led her to become a part of the Chapel Choir, the Collegium Musicum, the Gospel Choir and the worship team for chapel services, in addition to training in piano and guitar.

Hope’s smaller size also appealed to Megan. “I needed to go to a school that was bigger than my high school, but not so big that I was going to drown and just be a number. And when I got to Hope, I saw all of these people, people to get to know, a lot of people to meet, in a Christian atmosphere.”

Megan’s involvement does not end with music. Her other activities include being a disc jockey for Hope’s radio station, WTHS, and the Fellowship of Christian Students. “It’s awesome here. There are wonderful ways to get involved.”

So do people at Hope have expectations of what this California native should be like? As Megan explains, “No, the people at Hope are more real. Something about them makes me feel much more comfortable about myself. I don’t have to be the beach baby that everyone usually expects from California.”
"I'm not happy unless I'm challenged."

That's one reason David Schrier has pursued a demanding chemistry major in anticipation of attending medical school, while also becoming involved in several campus activities and organizations.

One such campus activity is the Pull — a three-hour tug-of-war held annually between the freshman and sophomore classes over the Black River.

"It was the most challenging thing I've ever done in my life, but also the most beneficial," he says. "You learn about yourself from the Pull. You learn that you are struggling just as hard as your teammates are and you have to keep each other's morale up." After competing his sophomore year, David became one of the coaches for the next incoming freshman Pull team.

Another challenge for David has been working on Hope's campus newspaper, The Anchor. "It is sometimes a high pressure cooker because you have a deadline to meet no matter what happens, even if the computers refuse to cooperate," he says.

Despite these factors, he does enjoy his work with the paper. "The pressure is what makes it so much fun. We are a goofy staff a lot of times because we know each other so well, and we work together well."

Another organization to which David gives much of himself and from which he has learned a great deal is the Centurian fraternity. "I think this has been the most character-developing organization I could find anywhere," he says.

"I've picked up a lot of leadership skills in the fraternity and become more sure of myself and my ability to accomplish a task," he says. "I've learned to trust more because I've got a group of friends that would go out of their way to help me and I'd do the same for them."

Active involvement is central to David's experience at Hope. "I've been really impressed with how much there is for students to get involved in here. There are a diverse amount of student activities going on that you can jump right into," he says.

For David Schrier, such diversity has meant the chance to find as much of a challenge as he wishes. "I feel like I'm doing something wrong if I'm not challenging myself either physically, as in the Pull, or mentally with my classes," he says. "I would say that I do it on purpose just so I am happier with myself."
Kathryn Nichols was playing in a softball scrimmage in high school when she turned around to find her father announcing, “You got in the program!” Kathryn had applied to the college’s athletic training program when she visited Hope as a senior in high school. She had also considered a larger school for athletic training, but in the end the choice was clear. “I just felt comfortable here and didn’t other places,” she says.

The training program at Hope has provided Kathryn with valuable experiences she feels that she might not have had elsewhere. At a larger school, she says, “I would have been in class with 125 people, instead of 16 in the program here.”

Kathryn appreciates the personal attention and instruction she receives. “Professors know who you are — like they say, you’re not a number. It’s true and it’s nice.”

As part of the athletic training program, Kathryn also has a chance to gain practical experience, learning how to deal with various injuries to players by being on the scene at the men’s basketball games. “It’s really exciting,” she says. “I’ve gotten to know the team and when somebody goes down your heart starts beating a little extra, you wonder what is going on. You always have to be on your toes and you get into it as much as the players do.”

Her academic and field work are demanding, but they haven’t meant missing out on other activities, like the women’s soccer team and the Gospel Choir.

Her work in the training program also isn’t separate from her Hope experience generally. For example, she sees many of the people she meets in the training room again later, on her walks through campus. “You may not know them well, but they say ‘Hi’ and you’re not afraid to say ‘Hey, how’s it going?’ and talk for a couple of minutes.”

She enjoys such encounters, in part because she’s found that Hope people are sincere and personable. “People here are more focused on God, education and finding out who they are,” she says. “In that way they are more willing to open up and meet people, and be more vulnerable to actually showing you who they are. Where at a big university I don’t think you will find that necessarily.”
What better way to learn than by experience?

That’s the philosophy Andrew Van Eden followed during his time at Hope. With a great passion for teaching and a love for children and community, he gained experience through volunteering and the opportunities offered by the college's department of education.

Recognized nationally for his volunteer efforts, Andrew was named Neighborhood’s USA Notable of 1996 — one of only 10 volunteers in the U. S. to receive the honor. He became involved in projects such as Spring Blast, Project Pride, Youth Day, Neighborhood Watch and many more while still pursuing his education major.

Andrew became interested in volunteer work while still in high school. He worked only a few projects, “but it kind of carried on from there. Whatever I did sparked my interests.”

Although many of his classmates went away to school, Andrew found that attending Hope was helpful in his community involvement.

“This is my hometown. I know what resources are out there. I know people and I know places,” he says. “And now that I’ve been here my four years it has been a major benefit that I stayed so I could do all of these activities.”

Andrew values the lessons he learned through his community involvement and appreciates the opportunities offered through Hope’s education program.

“The major draw for the Hope education department is the experience you get in the classroom,” he says. “You get about 120 hours of field experience before you graduate and that is a plus over many other schools. They give you that real world experience.”

Teaching is what Andrew has always wanted to do. A three-week Hope May Term spent at The Rosebud Indian Reservation in South Dakota, steered him in the direction of a teaching career in the West. “I just loved it,” he says. “The kids; the whole environment there is so interesting.”

Together, Andrew’s field experience at Hope and his community involvement have prepared him well for his future. He recommends the combination of classwork and application for all students, no matter what their major.

“There are many opportunities here or outside of Hope that benefit your major or your own interests. There’s a whole world of opportunities out there for you,” he says. “I encourage anybody coming to Hope to seek them out, if not for social reasons, or fun, at least to get experience.”
“It was a mixture of excitement and intrigue,” says Miluska Monroy, as she reflects upon her arrival at Hope after traveling from her home in Peru.

Miluska’s decision to study abroad was influenced by her love of learning and desire to continue her education. She’s pursuing English and international studies majors at Hope, and between her academic work and immersion in a new culture, Miluska feels she is receiving an all-encompassing education.

“It’s a matter of learning about different cultures and the people,” she says, “the different idioms you never pick up in a book.”

Along with her study of English, Miluska also speaks Spanish, her first language, and is pursuing a French minor. “I chose to study languages because you learn how they a shape a culture,” she says. “You learn to understand, in a deeper way, people’s feelings and emotions.”

Hope has provided opportunities for Miluska to carry out her love of learning.

“For the experience I wanted, Hope was an environment where everything was captured,” she reflects. “I’ve always loved diversity and by trying different classes I think I have gotten the best of what Hope has to offer. Being willing to try new things has helped me get the most out of my education here.”

She encourages others to push themselves similarly by experiencing the college’s breadth. “If you really put in the effort and meet the challenges head-on, you can get the real flavor of the school.”

Miluska has learned a great deal that cannot be found in books from the people she has met and the friendships she has made.

“My motto has always been to be open-minded to any situation and have the willingness to share of oneself,” she says. “Every person is so unique and has so much to give.”

The continuation of her pursuit of knowledge has been rewarding for Miluska. “It’s been really enriching in the academic as well as spiritual areas for me. When you are outside of your country and away from your family, you realize what you value. These past years have been a time for me to re-evaluate and reaffirm my morals, my foundation and how I have been brought up. If people want to enrich themselves, I think Hope can truly provide an atmosphere to pursue that.”
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 25,000 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.

While at Hope, Sara Murphy pursued a theatre major that prepared her not only for a future occupation, but also for life.

Currently, she is living in Chicago, Ill., working for Center Theater Ensemble, running an educational theatre program for children that tours to elementary schools and area museums. The program is aimed at students who would not normally have the opportunity to experience live theatre. Murphy is also the resident stage manager at Center Theater Ensemble.

“It’s a great job,” she says. “I love it. It’s what I went to school for and to have a somewhat steady position is very fortunate.”

Murphy believes the department of theatre at Hope is exceptional and prepared her well for the future. “The faculty encouraged me in whatever I wanted to do. They gave me a good liberal arts theatre education,” she says. “It allowed me to explore the many facets of theatre and made me marketable for work in a lot of different areas.”

According to Murphy, the college’s faculty “are very knowledgeable, very accommodating, and very approachable. They are really dedicated and know their stuff.”

Murphy believes that Hope has “an extremely worthwhile theatre program. And anyone who is interested in a B.A. in theatre should definitely consider Hope, because it will prepare you if you want it to.” She says, “If you put the effort into it, it will prepare you for a better life.”

Accompanying her high recommendation of Hope’s theatre program, Murphy also has other advice for students: “Hope students have many high quality programs and facilities at their disposal. Opportunities arise while you’re in college that you won’t get any other time in your life. Take advantage of those and don’t let anything pass you by.”
Tom Dawson, Hope graduate, has made a successful transition to the "real world" of work. What's his secret? The combination of talent, initiative and the Hope College experience.

Dawson is an accountant and consultant with Deloitte & Touche LLP in Grand Rapids, Mich. He spends half of his time working on financial audits for various companies, from large publicly-held companies to non-profit organizations. The other half he spends as a consultant, providing advice and services on an international basis.

Dawson acquired his position after interviewing at one of the college's on-campus job fairs and began working the August after graduating. Only one year after graduation he passed the CPA, CMA, and CIA exams, a significant accomplishment.

During his time at Hope, Dawson pursued accounting and economics majors. He was also involved in many activities, such as the Arcadian fraternity and Mortar Board. He also participated in the Baker Scholars program, which is designed to develop the business leadership potential of a select group of liberal arts students.

Dawson says he chose Hope for his undergraduate education because "it was a small liberal arts school and I wanted a small college where I could have a lot of interaction with my professors."

He wasn't disappointed. The personal interaction with professors was important to Dawson, and he encourages future Hope students to take advantage of what they have to offer.

"It is definitely worthwhile to get to know your professors," he says. "The insight and wisdom they provide is amazing. What you receive is far more than what you give."

Dawson also feels the professors at Hope prepare students for more than just a specific task. "I felt they were interested in your well-being, not only academically, but other things you were involved in," he says. "They really try to develop you as a person and prepare you for life as a whole instead of just a technical background. I felt that was a definite plus."

Dawson has been pleased with his Hope experience and the preparation it provided him. "I would never regret going to Hope," he says. "If I had to do it all over again I would still go to the same place."
Holland, Michigan — Hope College is situated in a residential area two blocks away from the central business district of Holland, Michigan, a community of 40,000 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. Since the fiscal year ending June 30, 1990, more than $30 million has been spent on improving the physical plant.
Van Wylen Library, an award-winning building, opened in January of 1988. The library features an integrated online computer system, a local area network that provides access to CD-ROM and World Wide Web resources, and personal computers furnished with a variety of word processing, spread sheet, and instructional programs. The library’s five floors and 625 chairs give readers a variety of seating and study options, including individual study carrels and group study rooms. The facility is named for Hope’s ninth president and his wife, Dr. Gordon J. and Dr. Margaret D. Van Wylen.

A branch library is located in the Nykerk Hall of Music. This branch is also automated and its catalog is integrated into the main catalog of the Van Wylen Library.

The two libraries provide students and faculty with a well-selected collection of more than 300,000 volumes. In addition to books and journals, the library collects materials in many formats, including microform, video tape, and compact disc. All of the library’s holdings are carefully cataloged and most are available to users on open shelves.

An excellent reference collection, served by a superb staff, is located on the main floor, and the second floor houses a well-equipped instructional media center. The library staff conducts an active and effective research instruction program for first-year and upper-level students. Reference service is provided most hours the building is open. The library also houses a rare book collection with unusual holdings in the sciences and mathematics.

Hope College shares its automated library system with Beardslee Library of Western Theological Seminary, permitting students and faculty from the two institutions to use each other’s library resources. Other libraries in the community available to Hope College students are the Herrick Public Library and the Davenport College Library.
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 ground level of Van Wylen Library, is a joint collection for Hope College, The Holland Historical Trust, and Western Theological Seminary. 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 for Historical Studies, located north of campus in the 100 East Eighth Street office complex, supports research and writings 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 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 Computer Center has its headquarters on the main floor of Durfee Hall. User terminals are located throughout campus. In many academic programs, the computer has become an indispensable tool for both teaching and research; it is used by students in the arts, humanities, and natural and social sciences.

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 business administration programs. The facility is named for its principal donors, Marvin and Jerene DeWitt and family.
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.

VanderWerf Hall holds the offices and laboratories of the departments of computer science, mathematics, and physics and engineering. It also contains the specialized classrooms used by the departments for instruction and research. Of special note are the laboratories in physics, engineering and computer science, and the mathematics teaching laboratories. The laboratories in physics and engineering include material testing, computer aided design, bio-mechanics, electrical engineering, process control, atomic physics, nuclear physics and a VandeGraaff accelerator laboratory. The department of computer science has a large SUN workstation cluster, while the department of physics has an extensive VAX workstation cluster. These workstations are used in the instructional and research programs of all the departments. The teaching of mathematics and physics is coordinated through the VAX cluster, and students have open access to these facilities. 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 Peale Science Center houses the departments of biology, geology, chemistry and psychology. The building contains laboratories, lecture halls, a museum, greenhouse, aviary, and a reading room. This building is named for Dr. Norman Vincent Peale, and his wife, Ruth Stafford Peale, a former Hope trustee. The offices of the department of nursing are located in a cottage on 14th Street between Columbia and College Avenues.
Dimment Memorial Chapel, of Gothic design, is a beautiful edifice with classic stained glass windows. Used for all-college assemblies and convocations, it houses a four-manual Skinner organ and an 18th century Dutch gallery organ. The ground floor is used for classrooms. It 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 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, is the center for the humanities and social science departments. It houses the departments of communication, English, history, political science, philosophy, and religion. The center has been named in honor of the college's seventh president, Dr. Irwin J. Lubbers.
Graves Hall, built in 1894 and remodeled in 1962, is a beautiful stone building which houses the Department of Modern and Classical Languages, faculty offices, classrooms and seminar rooms, a language laboratory, and a 250-seat auditorium (Winants Auditorium, which was extensively remodeled in 1979). The CASA and Upward Bound programs, 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, provides modern facilities for the college’s music program. The Hall has seven teaching studios, 14 practice rooms, two classrooms, offices, a listening facility, three listening rooms, and Snow Auditorium. The Wynand Wichers addition to the Nykerk Hall of Music, constructed in 1970, includes nine practice rooms, eight studios, a large library, and another small auditorium, holding about 225 persons. The building was named for John Nykerk, former Hope professor and originator of the music program.
Dow Health and Physical Education 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, conditioning and exercise rooms, a dance studio, racquetball courts, wrestling and gymnastics rooms, classrooms, faculty offices, locker rooms, a training room, and the college's Health Center. The Dow Center also houses the Health-Fitness Center, containing sophisticated testing and therapy apparatus for the Hope-Kellogg Health Dynamics Program (see pages 191, 192).

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.

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 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 100 East complex, located on Eighth Street 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 office and classroom space for the Hope Academy of Senior Professionals (HASP), which is an organization for retirees, and the A.C. Van Raalte Institute for Historical Studies (see page 32). The college purchased the building in the fall of 1996.
The Haworth Conference and Learning 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.

Living Accommodations — Since Hope College believes it is important for students to feel they are a part of the college community, most of Hope's students live on campus; except for those who reside with their parents, are married, or have special permission from the Student Development Office.

There are many types of housing, including residence halls, apartments and cottages. The newest major addition is the Cook Residence Hall, which consists of 45 two-room suites used by students during the school year and available for conference housing during the summer. The Cook Residence Hall, which opened during the summer of 1997, 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 28-29. Some students enjoy the home-like atmosphere of approximately 55 cottages. (See “Residential Life,” pages 45-46.)

The Knickerbocker Theatre, acquired and reopened by the college in 1988 and open to the public, presents a variety of films that add extra dimensions to Hope classes. The 536-seat Knickerbocker, built in 1911, also hosts numerous live events throughout the year. The theatre is located at 86 E. Eighth Street, in Holland's downtown.
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 develop appropriate academic, career, and personal goals. Faculty advisors meet with students and their families during orientation, provide course selection counseling, monitor academic progress, and serve as referral agents.

Initially, students are assigned faculty advisors, often from the discipline students indicate as an interest. When students declare majors, the chairperson of their department assigns an advisor.

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 at Hope 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. The ASC works closely with the faculty to help students improve their study habits, learning skills, and class performance. 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 writing. Small-group help sessions are scheduled twice weekly for lower-level mathematics courses, and a walk-in mathematics lab is open for two hours Sunday through Thursday evenings. Students may register for a study skills class or schedule individual appointments concerning time management, textbook reading and studying, note taking and test preparation.

Students with disabilities may request assistance or accommodations through the ASC. If a student has a diagnosed learning disability, verification of the disability must be on file with the college.

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

HEALTH SERVICES AND THE COUNSELING CENTER

The college's Health Services and the consultations provided by the Counseling Center are intended to support students in maintaining healthy and emotionally positive lifestyles. Both the Health Services and the Counseling Center are committed to confidentiality in their treatment of students, and records are kept separately in each department and separately from academic records. Except in certain instances specified by Michigan law, medical, counseling and psychological information may be released only when authorized by the student.

The Health Clinic is located in the Dow Health and Physical Education Center. Out-patient care is offered daily at the clinic by registered nurses, a nurse practitioner or a physician assistant, or through clinics staffed by local physicians.
Appointments are requested to assure efficiency of services for both students and staff. A physician supervises allergy injections and assists students in need of more extensive physical evaluation, diagnostic work or specialty services. If a student has an evening and weekend medical emergency, a doctor may be contacted by calling the Physician's Exchange.

The Health Clinic provides health education materials such as pamphlets, tapes and videos; nutritional counseling; sexuality counseling; and residential life health presentations promoting self-care, health awareness, and healthy lifestyles and relationships.

Basic medical evaluations and care are provided at no charge as part of the student fee structure. The clinic has basic medications and supplies available to students at reasonable costs. Students are financially responsible for special medications (including allergy medications), laboratory services and visits to private physicians off-campus, as well as for hospital acute care, emergency room treatment, and medical and psychiatric hospitalization. Students are asked to inquire in advance if there are any fees for medications and services, or consult the fee schedule available at the clinic.

Because appropriate medical care requires an awareness of each student’s health history, incoming students are required to complete a medical questionnaire. Treatment cannot be provided for students who do not have such records on file. A complete immunization record is also required for registration at Hope College. Students with chronic conditions are urged to have their current medical records on file at the Health Clinic prior to their arrival on campus. Students who do not have health coverage are strongly advised to purchase the health insurance policy available through the college.
The Counseling Center provides short-term individual and group consultations as well as educational services to assist students with their personal development and crises that can occur during the college years. The Counseling Center is located upstairs in the Charles R. Sligh Jr. Center, 174 E. 11th Street.

Professional staff consisting of counselors, social workers, psychologists and consulting psychiatrists are available in a private setting to discuss student concerns. Students are encouraged and invited to meet with one of the staff to just “talk things over” and get some ideas or a different perspective with a concern which may involve only one or two visits. Or students may experience stressors that are more complex or crises that may make them desire more extensive visits. Common student concerns include academic difficulties, confusing or conflictual relationships, mood changes, adjustment to college life, conflicts with family members, alcohol and other substance use/abuse, eating problems, motivational concerns, sexuality issues, emotional or sexual harassment or abuse, stress management, struggles with depression or anxiety, or emotional problems involving the need for medication or hospitalization. Support and personal growth groups are available to address topics such as ACA (Adult Children of Alcoholics) issues, relapse prevention, stress management, assertiveness and perfectionism. All discussions are confidential except when reporting is mandated by law (such as in cases of criminal abuse or when a student is potentially harmful to self or others).

The Counseling Center has a library and references on several topics for personal reading, term papers and classroom presentations. Trained peer educators, AIM (Alcohol Issues Matter) and Team H.O.P.E. (Helping Our Peers Excel) promote emotional awareness and healthy lifestyles through campus displays, health promotion campaigns and interactive presentations in residences. The center works cooperatively with other professionals in the community and helps students find private counseling professionals if that is needed or desired.

Short-term, problem-focused counseling and psychological testing services are provided without cost to students. Students are responsible for fees for specialized evaluations such as psychiatric and medication consultations and are advised in advance of costs for these services.

DISABILITY SERVICES

The Office of Disability Services offers assistance to students with physical 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, sign language interpreters, personal attendants, 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.

Nearly all college services as well as instructional and other physical facilities are readily accessible to all students. 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.
MULTICULTURAL LIFE

The Office of Multicultural Life works with students of all racial/ethnic backgrounds in a variety of ways, providing personal guidance, assistance with financial aid questions and by linking students with campus organizations. The office's goal is to support students and to enhance their experiences at Hope by realizing that all people regardless of background are full participants in God's created world.

The office staff works closely with students, faculty and staff to incorporate programming, into Hope's full range of campus activities, that gives a well-rounded experience for Hope students and the entire campus. Such programming involves speakers, presentations, trips, workshops, worship services, resident assistant/resident director training and special projects.

The Office of Multicultural Life is located on the first floor of the DeWitt Center.

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.

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 united to encourage a clear commitment to community service through strengthening existing programs and encouraging the development of new programs on member campuses.

CAREER SERVICES

The Office of Career Services is staffed by two 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 Charles R. Sligh, Jr. Center.

For the student in the process of choosing an academic major or career, both individual and group counseling can assist in identifying options which best fit the student's values, skills, and interests. Career advisors, paraprofessionals who work in outreach programming, focus on informing students about the services that are available through the Office of Career Services. Several different career assessment tools (such as the Strong Interest Inventory, Myers-Briggs Type Indicator and the SkillScan Cardsort) are offered. The Career Library contains information on a variety of careers in all academic areas. Through internships listed at the office, students can clarify their career choices and gain work experience.

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, job matching, and preparing a set of credentials. The staff has also developed an employment referral network with educational alumni to facilitate teacher placement; a resume referral service with major corporations; on-campus interviews with corporate recruiters; and job fairs for graduates in business, education, the human services and nursing. In conjunction with specific academic departments, the staff also offers GRE and LSAT workshops for those students contemplating graduate studies.

Part-time, off-campus, summer employment and internship possibilities are posted through the Student Employment Office just off the Collegiate Student Lounge, DeWitt Center.
The Office of Special Programs focuses on program development in the areas of women's issues, sexual assault prevention and education, and non-traditional students. Its programs are designed to address needs and provide services to these particular areas of campus life.

Specific programs originating from this office include Women's Week, the annual Meyer Lectureship, and C.A.A.R.E. (Campus Assault Awareness, Response and Education). It also oversees advising of the Women's Issues Organization, the Association of Non-Traditional Students and the I.VE League for Leadership.

The Special Programs office is located on the first floor of the DeWitt Center.

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, most students should expect to 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 capacities from 40 to 300, seven apartment facilities, and approximately 55 cottages (houses on or near campus) provide living accommodations for more than 2,100 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, co-ed 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 or have senior status based upon earned credit hours. 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.

**Dining Services**

Hope College's resident dining, snack shop and catering programs are under the direction of Creative Dining Services Inc. Students have access to a dining room 21 meals per week, and the 21-meal plan ensures each student the opportunity to maintain a well-balanced diet. Also available are 15- and 10-meal-per-week plans. Dining services are available throughout the academic year except for the Thanksgiving, Christmas and Spring vacations.
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, four 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.

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 college Judicial 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 Dean of Students Office. Each student is responsible for reading and understanding the policies and regulations in the Student Handbook.

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 Campus Ministry Team — The dean of the chapel, two full-time chaplains, a director of student outreach, the director of the Gospel Choir, a music and worship leader, and an administrative coordinator work together to provide spiritual leadership to the student body. The chaplains are able to meet with students to deal with matters such as personal crisis, relational conflicts or concerns they face in clarifying their thinking on the essentials of the Christian faith. The Campus Ministry Team is located in the Keppel House, 129 E. 10th Street.
CAMPUS LIFE

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, 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. A Sunday evening service 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 student outreach, students are challenged to be aware of social needs within the community and the world. Missions trips are offered for students to reach out to communities suffering from poverty, drug abuse and spiritual hunger. In addition, programs such as the Crop Walk and Urbana help students to make a difference in the world around them.

Interpersonal Christian Growth — Through seminars, retreats, small groups, Bible studies, prayer groups, mentoring relationships, involvement in the Gospel Choir and leadership training, faculty and students are given opportunity to grow corporately and individually. Various campus organizations, such as Fellowship of Christian Students and the Union of Catholic Students, meet regularly throughout the week.

CULTURAL AFFAIRS

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.

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

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 commit-
tee helps in the selection of performers, which in 1996-97 included the Chamber Music Society of Lincoln Center; Taylor 2, dance; Aureole, a flute-violin-harp trio; A Traveling Jewish Theatre in The Last Yiddish Poet; the Joshua Redman Quintet; pianist Fabio Bidini; and soprano Theresa Santiago.

**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 1996-97 productions were Cole, Rosencrantz and Guildenstern Are Dead, Antigone, Soli's Story and Comedy of Errors.

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.

**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 Ensemble, 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 take two-week tours each spring. In May of 1997 the Chapel Choir toured the Netherlands and England.
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.

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 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 director 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.

The Social Activities Committee — The Social Activities Committee (SAC) bears the primary responsibility for programming social activities of an all-campus nature, such as dances, concerts, the Weekend Film Series, traditional events like Homecoming, an All-College Sing, 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 six sororities of a social nature, all local, exist on Hope’s campus. Each of these organizations has a college-owned residence hall or cottage which serves as living quarters and a center for activities. Approximately one-fifth of the student body belongs to these Greek organizations. The fraternities are governed by the Interfraternity Council, while the Pan Hellenic Board governs the sororities. Rush and new member education events take place in the spring semester.

In addition to the social fraternities and sororities, Hope has a 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 minority nature as well as those centered on special activities or interests. The Activities Office can give a contact person for each of these organizations, or can assist a student in forming a special club on campus.

Hope students are also involved in Holland community organizations such as Higher Horizons, a big brother-big sister program with children of the surrounding community, and the annual March to Hope, a week-long camping and hiking experience pairing a college student with an underprivileged child from the community. The Higher Horizons office is located on campus.

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 DeWitt Center.

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 radio station is housed in studios in the DeWitt Center and holds an FM license. The student-run station, which 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. A staff of approximately 100 students, including management personnel and disc jockeys, is responsible for programming.
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.
Varsity Athletics — As a member of the historic Michigan Intercollegiate Athletic Association (MIAA), which is comprised of seven Michigan colleges, Hope’s varsity athletic program has established a solid reputation for excellence and championship caliber. Hope has won the MIAA All-Sports award, which is based on the cumulative performance of each member school in the league’s 18 sports for men and women, a league-leading 19 times — including 12 times since 1979-80. 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; Dr. Anne Irwin is the director of women’s athletics. 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 - Mark Northuis

**WOMEN’S COACHING STAFF**
Basketball - Brian Morehouse  
Cross Country - Mark Northuis  
Golf - Jane Holman  
Soccer - Paul Rosenbrook  
Softball - Karla Wolters  
Swimming - John Patnott  
Tennis - Karen Page  
Track - Donna Eaton  
Volleyball - Maureen Odland

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, inner tube water polo, three-on-three volleyball, three-on-three basketball, bowling, flag football, softball, tennis, wallyball, soccer, ultimate frisbee and volleyball. There are also club sports, including competition in ice hockey, lacrosse, water polo, sailing, ultimate frisbee, and men’s volleyball.
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 early in the fall of their senior year. To obtain an application for admission, students should ask their high school guidance counselor or write to:

Hope College Admissions
69 East 10th Street; P.O. Box 9000
Holland, Michigan 49422-9000

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

1. Completed application
2. $25 application fee
3. High school transcript
4. ACT or SAT scores

The secondary school program should include four years of English, two years of mathematics, two years of a foreign language, two years of social sciences and one year of a laboratory science as well as five other academic courses.

The Admissions Committee will accept either the ACT or SAT as a component of the completed application. However, the ACT is preferred by the Admissions Committee for two reasons:

1. The scores of the subsections of the ACT are used in waiving portions of the core requirement for students whose score in the subtest area of English, Math or Science reasoning indicates a proficiency in that area.

2. Information provided by the Student Profile Report will be used by the academic advisors when counseling students in course selection and career planning.

The ACT or SAT should be taken in the spring of the Junior year or the fall of the Senior year. For more information about the ACT, students should see their high school guidance counselor or write:

ACT (American College Testing Program)
Box 414
Iowa City, IA 52240
(Hope College’s ACT reporting code is #2012)

For information about the SAT (Scholastic Aptitude Test), students should check with their high school guidance counselor or write:

SAT (The College Board)
Box 592
Princeton, NJ 08540
(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 as soon as all information has arrived. 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.
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 accepted after May 1 are expected to pay the deposit within 15 days of acceptance.

If enrolled, $200 of the deposit will be applied to the 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 charges.

INTERVIEWS AND CAMPUS VISITS

A personal visit to campus, while not a requirement, is strongly recommended and encouraged. Students and parents are welcomed to visit the Admissions Office where campus tours, class visits and faculty conferences can be arranged.

Students are urged to arrange for 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 Zone) 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 address listed below. Those arriving at Kent County Airport in Grand Rapids may arrange transportation to Hope College through the Admissions Office. Persons should notify the Admissions Office of transportation needs prior to arrival at the airport. Holland is also serviced by the Short Way-North Star and Greyhound Bus Lines. Transportation is available for visitors arriving at Holland’s Padnos Transportation Center providing prior arrangements have been made with the Office of Admissions. Amtrak services Holland from Chicago.

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

VISITATION DAYS are held several times throughout the year and provide high school students, transfer students, and their parents an opportunity to experience a day on campus. Activities available include attending classes, pre-professional conferences, eating lunch in the dining hall, and having a guided tour of the campus. Visitors should meet at 8:30 a.m. (Eastern Time Zone) in the Maas Conference Center. Pre-registration is preferred and can be arranged by using the telephone numbers listed above. Please enter the Maas Center from the south side of Phelps Hall which is located on the corner of 11th Street and Columbia Avenue. Dates for Visitation Days this academic year are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, October 3, 1997</td>
<td>Monday, January 19, 1998</td>
</tr>
<tr>
<td>Friday, October 24, 1997</td>
<td>Friday, February 6, 1998</td>
</tr>
<tr>
<td>Friday, November 7, 1997</td>
<td>Friday, February 20, 1998</td>
</tr>
<tr>
<td>Friday, November 21, 1997</td>
<td>Friday, March 6, 1998</td>
</tr>
</tbody>
</table>

JUNIOR DAYS are scheduled for Friday, April 3, 1998 and Wednesday, April 8, 1998. Students and their parents should arrive at the Maas Center at 9:00 a.m. (Eastern Time Zone) for an opportunity to learn more about Hope College, admissions, and financial aid, as well as to meet with faculty and students in academic departments of the visiting student’s interests.
ADMISSION TO HOPE

PARENTS of interested students may also attend Visitation and Junior Days. The college will hold special meetings for parents covering various topics of interest to them.

ADMISSION OF TRANSFER STUDENTS

Hope College accepts applications from students in good standing at accredited universities and colleges.

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

1. Completed application
2. $25 application fee
3. High school transcript
4. College transcript (all previous colleges)
5. ACT or SAT scores

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 as listed in the current report of the American Association of Collegiate Registrars and Admissions Officers. Exceptions to this general rule may be obtained only by application to the Registrar prior to enrollment.

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

Transfer students seeking a Hope College diploma must complete their last 30 hours 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. $25 application fee
3. Secondary school record
4. Evidence of proficiency in the English language (usually the Test of English as a 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. The TOEFL score should be 550 or above.

Students who have scores below 550 will be required to register for three semester hours of English 101, English as a Second Language, for the first semester of residence and for three semester hours of English 102, English as a Second
Language II, for the second semester of residence. Students with TOEFL scores of 550 or higher will be evaluated prior to registration to determine whether English 101 or 102 will be a requirement.

Financial aid available to international students is extremely limited. While the Admissions Committee may find a student qualified for admission, no acceptance letter or I-20 can be sent to students until they have assured the college that they have the necessary funds to finance their education at Hope. When international applicants have been accepted, the acceptance letter and an I-20 will be sent.

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 three-week May Term and the three-week June Term allow students to enroll for a maximum of 4 semester hour credits while the six-week Summer School allows enrollment for a maximum of 7 semester hour credits.

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 that 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
ADMISSION TO HOPE

The College Board. Hope is a Limited Test Center and students can take CLEP exams on campus. (Please refer to pages 83-84 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 in advanced level subjects where students score between 5 and 7 on final examinations.

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 84 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) and the College Scholarship Service (CSS) PROFILE Application. Students may secure these forms through their high school guidance offices or from the Hope College Financial Aid Office. 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 PROFILE Application by February 15 to receive priority consideration for the following school year. Transfers and returning students should submit these forms by March 15 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.

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 PROFILE FORM (a product of the College Scholarship Service) 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 AWARDS

Most aid dollars are awarded on the basis of a need analysis formula which 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, a 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:

\[
\text{Total College Expenses} - \text{Calculated Family Contribution} = \text{Maximum Financial Aid Eligibility (Direct and Indirect Costs)}
\]

The expense budget is set by the college and reflects modest indirect costs (books, travel, clothing, and personal expenses) in addition to the standard tuition, fee, room and board charges. The family contribution is a developed measurement of a family's capacity to cover a child's college expenses. A student's financial aid eligibility figure equals the difference between "Total College Expenses" and the "Family Contribution."

APPLYING FOR FINANCIAL AID

The process of applying for financial aid is not complicated. Each student wishing to apply for financial aid consideration at Hope College is asked to complete and submit both the the College Scholarship Service (CSS) PROFILE Application and the FREE APPLICATION FOR FEDERAL STUDENT AID (FAFSA). The PROFILE application is available from the Hope College Admissions Office and the FAFSA form is available in high school guidance offices. The Financial Aid Office will not act upon 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

Deadlines

Freshmen — February 15
Transfers/Upperclassmen — March 15

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 upon demonstrated financial need. There is no required grade point average for the receipt of this grant. The renewal of this award is based upon continued demonstrated financial need.

THE ACADEMIC ACHIEVEMENT AWARD — This gift aid is based upon 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.

THE FEDERAL PELL GRANT — This federal gift aid is based upon exceptional financial need and recipients are selected by the federal government. This grant will NOT BE officially credited to a student’s account until the Financial Aid Office has received a valid electronic Institutional Student Information Record (ISIR) from the federal processor. This ISIR must be received by the last day of class attendance for the student to realize the award.

THE FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT — This federal gift aid is awarded to those students who have demonstrated exceptional financial need. By federal regulation, priority in the awarding of these funds is given to those students who are eligible to receive a Federal Pell Grant.

THE MICHIGAN COMPETITIVE SCHOLARSHIP — This state gift aid (limited to Michigan residents) is based upon a student’s demonstrated financial need and ACT test score. For renewal in future years, the student must continue to demonstrate financial need and must demonstrate a cumulative grade point average of 2.0. The student must be enrolled at least half-time (six to eleven hours per semester) in a degree program to remain eligible for this award. Students enrolled part-time (six to eleven hours 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 upon 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 hours or more a semester) to remain eligible for this award. Students enrolled less than full-time (six to eleven hours a semester) are eligible for a prorated award. A student is limited to ten semesters of eligibility under this program.
B. 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 you to postpone paying a portion of your educational costs until you complete your education or leave school. Some loans are awarded on the basis of financial need and repayment does not begin until after you graduate, withdraw from college, or drop below half-time enrollment (fewer than six hours per semester). Other loans are available to both you and your parents regardless of financial need and offer various repayment options.

Loan descriptions and terms are briefly described below and in the loan promissory notes you will be required to sign. Please read these obligations carefully. Be sure you understand all rights and responsibilities before accepting a loan.

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 upon the amount they have borrowed. The following demonstrates a monthly ten-year repayment plan under the Federal Perkins Loan program:

<table>
<thead>
<tr>
<th>Total Amount Borrowed</th>
<th>Monthly Payment @5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,000</td>
<td>$30 minimum*</td>
</tr>
<tr>
<td>$4,000</td>
<td>$46.47</td>
</tr>
<tr>
<td>$5,000</td>
<td>$53.04</td>
</tr>
<tr>
<td>$6,000</td>
<td>$63.64</td>
</tr>
<tr>
<td>$7,000</td>
<td>$74.25</td>
</tr>
</tbody>
</table>

*Repayment would be accomplished in less than ten years.

Note: For those students who are first-time borrowers after October 1, 1992, the minimum monthly payment is $40.

Note: Under the terms and conditions of the Federal Perkins Loan program, student borrowers may obtain a deferral of the loan repayment for volunteer service [including service as a volunteer under the Peace Corps Act, service as a volunteer under the Domestic Volunteer Service Act of 1973 (Action programs)], or a full-time volunteer in a tax-exempt organization performing service comparable to the service performed in the Peace Corps or under the Domestic Volunteer Service Act of 1973.

WILLIAM D. FORD FEDERAL DIRECT LOAN PROGRAM

The Federal Direct Student Loan Program is a new opportunity for students to borrow money from the federal government to pay for a Hope education. Under this program, the U.S. Department of Education makes loans, through Hope College, directly to students. Direct Loans make loan repayment simpler — your payments go directly to the federal government. The following loan programs are included under the WILLIAM D. FORD FEDERAL DIRECT LOAN PROGRAM:

Federal Direct Student Loan (Subsidized and Unsubsidized): The Federal Direct Student 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 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, you are 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, you have the option of either paying this accruing interest while you are in school or of having the payment of interest deferred (and added to the loan principal) until you enter repayment on your loan (thereby increasing your overall debt). Repayment of principal begins six months after you leave school or drop 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 Student Loan Program apply to both subsidized and unsubsidized loans (i.e., loan limits, deferment provisions, etc.).

If you choose to borrow under the Federal Direct Student Loan Program, you will first be considered for the subsidized loan. If you do not qualify, or if you qualify for only a partial award, you may then borrow under the unsubsidized loan program up to the maximum amount available (with the exception noted below).

In combination, your subsidized FEDERAL DIRECT STUDENT LOAN and your FEDERAL DIRECT UNSUBSIDIZED STUDENT LOAN may not exceed the following undergraduate annual limits:

<table>
<thead>
<tr>
<th></th>
<th>Dependent Students</th>
<th>Self-Supporting Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Level:</td>
<td>$2,625/year</td>
<td>$6,625/year (maximum $2,625 subsidized)</td>
</tr>
<tr>
<td>Sophomore Level:</td>
<td>$3,500/year</td>
<td>$7,500/year (maximum $3,500 subsidized)</td>
</tr>
<tr>
<td>Junior/Senior Levels:</td>
<td>$5,500/year</td>
<td>$10,500/year (maximum $5,500 subsidized)</td>
</tr>
<tr>
<td>Aggregate Limit:</td>
<td>$23,000</td>
<td>$46,000 (maximum $23,000 subsidized)</td>
</tr>
</tbody>
</table>

Note: Your combined loan eligibility under these two programs, in combination with your financial aid, may not exceed the cost of your education for the loan period in question.

The interest rate is variable and the maximum annual interest rate that can be charged is 8.25%. (The 1996-97 rate stood at 8.25%.) This rate is determined according to a formula linked to the 91-day Treasury Bill rate and is recalculated each June. To offset the federal government’s cost of the program, a 4% loan fee will be withheld from the principal amount of the loan prior to the disbursement of funds to the student.

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 Student Loan program (both subsidized and unsubsidized), the following four types of repayment plans will be 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 paid over an extended period of time. The minimum annual repayment amount is $600 or the amount of interest due and payable each year, whichever is greater.
FINANCIAL AID FOR STUDENTS

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 not be less than 50% nor more than 150% of the amortized payment if the loan were repaid 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 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 loans begins six months after you leave school or drop below half-time status. Relative to the Federal Direct Unsubsidized Student Loan, should you choose not to make interest payments while enrolled, said interest will accrue and be capitalized (added to the loan principal), increasing your overall debt.

More specific information regarding repayment and deferments is included in the loan promissory note and the loan disclosure statement provided to student borrowers.

NOTE: Under the terms and conditions of the Federal Direct Student Loan program, student borrowers may obtain a deferral of a loan repayment for volunteer service [including service as a volunteer under the Peace Corps Act, as a volunteer under the Domestic Volunteer Service Act of 1973 (ACTION program), or performing full-time volunteer service which the U.S. Secretary of Education has determined as comparable to service in the Peace Corps or ACTION programs, for an organization exempt from taxation under Section 501(c)(3) of the Internal Revenue Code of 1954, as amended].

Federal Direct PLUS (Parent) Loan Program (eligibility NOT based upon 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 other 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) will not be able to borrow under the PLUS program. The annual PLUS loan interest rate varies, but will not exceed 9%. (The 1996-97 PLUS loan interest rate stood at 8.72%.) This rate is determined according to a formula linked to the 52-week Treasury Bill rate and is recalculated each June.

To offset the federal government’s cost of the program, a 4% loan fee will be withheld from the principal amount of the loan prior to the disbursement of funds. For a loan made for the full academic year, one half of this loan will be disbursed for the fall semester with the other half being disbursed for the spring semester.

The repayment period for a Federal Direct PLUS Loan will begin on the date the loan is fully disbursed. The first payment is due within sixty days from that date.

Applications for the FEDERAL DIRECT PLUS LOAN PROGRAM are available from the Hope College Financial Aid Office. Completed applications must be returned to the Financial Aid Office for processing.

MI-LOAN PROGRAM (A MICHIGAN LOAN PROGRAM NOT BASED UPON NEED): This educational loan program, sponsored by the Michigan Higher Education Student Loan Authority, is available to any creditworthy student (or to a student with a creditworthy co-signer) who is attending a Michigan college (regardless of the student’s state of residency). While loan eligibility is not based upon financial need, it is necessary for the applicant to submit a financial aid
application to determine potential eligibility for other financial assistance. The student borrower may borrow up to a maximum of $10,000 per academic year (dependent upon calculated credit eligibility and other possible aid resources) at either a fixed rate of 8.4% or a variable rate. (The 1996-97 variable rate stood at 8.83%.) The minimum amount that may be borrowed under this program is $500. Repayment on the loan will begin immediately following the disbursement of the loan check. Deferment of the payment of principal is available for up to five years. Borrowers may have up to fifteen years for repayment. Application packets are available through the Hope College Financial Aid Office.

C. STUDENT EMPLOYMENT - FEDERAL WORK STUDY: Awarded employment is funded either via 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 will be given highest priority in on-campus job placement. Students must be enrolled at least half-time (six or more hours a semester) and must submit the job application included with their award letter in order to receive consideration. The average work load is 9 to 10 hours per week, allowing a student to earn $1,200 to $1,400 per academic year (based upon the minimum wage of $5.15 per hour). 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. Job referrals are made during the first week of the fall semester and students are encouraged to contact the STUDENT EMPLOYMENT OFFICE in the DeWitt Center upon their arrival on campus. Should a student be unable to secure an on-campus job or choose to decline the offer of work, she/he may have the option of applying for additional loan funds. Should the student choose to pursue this option, she/he should contact the Financial Aid Office to discuss possible alternatives.

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 be have been awarded Federal Work Study funds in order to participate (as indicated on his/her award letter). Please contact the STUDENT EMPLOYMENT OFFICE for more information.

PAYMENT OF FINANCIAL AID TO STUDENTS — THE BILLING PROCESS

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

ON-CAMPUS EMPLOYMENT EARNINGS ARE NOT DIRECTLY CREDITED TO A STUDENT'S ACCOUNT. INSTEAD, THE STUDENT IS PAID DIRECTLY EVERY TWO WEEKS. SHE/HE IS THEN EXPECTED TO APPLY ALL OR PART OF SUCH EARNINGS TO THE BALANCE REMAINING ON HER/HIS ACCOUNT.

An outside scholarship award will not be applied to the student’s account until the check has been received by the Student Accounts Office. Federal Direct Student Loans (both subsidized and unsubsidized) are credited to the student’s account in two disburseals (one half of the loan is disbursed for the fall semester while the other half is disbursed for the second semester). Some forms of aid may not be credited
to the student's account until proper verification and/or other required materials are received by the Financial Aid Office. For example, a Federal Pell Grant will not be officially credited to a student's account until the Financial Aid Office has received a valid electronic Institutional Student Information Record (ISIR) from the federal processor.

Federal Direct Student Loans (both subsidized and unsubsidized) and Federal Perkins Loans require the execution of a Promissory Note. If a student has been awarded funds under either of these loan programs, a Promissory Note for the 1997-98 academic year must be signed and returned to the Financial Aid Office before the loan is credited to his/her account.

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. Any charges added after registration will be added to the outstanding balance and will be prorated over the remaining months of that semester. Any financial aid credits added to the student's account will be used to adjust her/his account and the future payments for the semester will be prorated accordingly. Financial aid that has not yet been finalized and credited to a student’s account cannot be used to reduce or replace a student’s monthly payments. Further questions regarding the Hope College billing process should be directed to the Student Accounts Office at (616) 395-7812.

FEDERAL VERIFICATION REQUIREMENTS

As student financial aid applications are processed through the federal processing agency, applications are selected (based upon specified federal criteria) to undergo the process of data verification. The Financial Aid Office 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 Financial Aid Office will notify the student and she/he will be required to submit a VERIFICATION STATEMENT and a variety of supporting documents to the Financial Aid Office (e.g., the parents' and student's federal tax returns, W-2 forms, documentation of untaxed income, etc.). The Financial Aid Office staff will then compare the student's submitted documentation 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 financial aid eligibility of the student.

If a student is selected to undergo this verification process, she/he must submit all requested documentation to the Hope College Financial Aid Office by October 31, 1997. Failure to do so will result in the cancellation of the student's federal financial aid.

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 15. Each summer, candidates who demonstrate financial need based upon 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 upon an evaluation of the financial aid application. For those awards with renewal criteria based upon the demonstration of a specific cumulative grade point average (GPA),
the GPA in 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 parents’ 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 will 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 will 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. Satisfactory Academic Progress requirements to be eligible for all aid administered by Hope College shall be defined according to the tables displayed within these guidelines and academic standing as contained in the Hope College Catalog section on General Academic Regulations.

Programs Affected:
- Hope College-sponsored Scholarships, Grants, and Loans
- Michigan Scholarship and Grant Programs
- Paul Douglas Teacher Scholarships
- National Merit Scholarships
- Federal Grants and Loans
- Federal Work-Study Employment
- Robert C. Byrd Honor Scholarships
- Non-Michigan State Scholarships/Grants
- Other Outside Scholarships/Grants/Loans

Measurement of Progress:
Academic progress is defined in terms of the number of credit hours a student has earned at Hope College in relation to the number of years in attendance. The following tables demonstrate the minimum requirements a student must meet in order to remain in good standing.
### SATISFACTORY ACADEMIC PROGRESS - TABLE #1

<table>
<thead>
<tr>
<th>After this number of Academic Years in attendance:</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A Full-time student</strong> must have earned at least this number of hours:</td>
<td>16</td>
<td>40</td>
<td>68</td>
<td>96</td>
<td>126</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A Part-time student</strong> must have earned at least this number of hours:</td>
<td>8</td>
<td>20</td>
<td>34</td>
<td>48</td>
<td>63</td>
<td>78</td>
<td>93</td>
<td>108</td>
<td>126</td>
</tr>
</tbody>
</table>

**NOTE:** Academic progress is measured against a normal maximum time frame of five (5) academic years as a full-time student. For a part-time student, progress is measured against a maximum time frame of nine (9) academic years.

**NOTE:**
1. An Academic Year equals two (2) semesters plus summer sessions in which a student enrolls during the summer directly following the academic year under review.
2. A semester in which a student is enrolled for fewer than six (6) hours will not be counted when determining academic progress.
3. A full-time student is one who is enrolled for at least 12 hours per semester. A part-time student is one who is enrolled for not fewer than six (6) hours but not more than 11 hours per semester.
4. If a student repeats a course, the hours of this course will be included when reviewing the student’s academic progress.
5. The student’s academic progress will be measured against his/her EARNED HOURS. Therefore, if a student withdraws from a course or receives an incomplete, the hours of these classes will not be considered when measuring his/her academic progress.
6. CLEP hours are not included in the measurement of EARNED HOURS.

### Varying Enrollment Patterns:

For those students with varying enrollment patterns (part-time/full-time), the following table will be used:

### SATISFACTORY ACADEMIC PROGRESS - TABLE #2

<table>
<thead>
<tr>
<th>Semester #</th>
<th>Full-Time Enrollment</th>
<th>Part-Time Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>4</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>5</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>6</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>7</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>9</td>
<td>15</td>
<td>7.5</td>
</tr>
<tr>
<td>10</td>
<td>15</td>
<td>7.5</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>7.5</td>
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<tr>
<td>12</td>
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<tr>
<td>16</td>
<td></td>
<td>7.5</td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

68
The numbers represented under the Full-Time and Part-Time columns represent the number of hours to be completed under that enrollment status for the semester in question. For example, a student enrolls full-time for his/her first three semesters of enrollment and then enrolls as a part-time student in his/her fourth semester. The student would have had to accumulate 34 hours at the end of his/her fourth semester (8 hrs. + 8 hrs. + 12 hrs. + 6 hrs.).

Transfer Students are automatically eligible for financial aid assistance based upon meeting the normal admission requirements. The continued progress of a transfer student will be measured solely against his/her Hope College record in regard to credits earned and years in attendance. If at the end of his/her first year of enrollment at Hope the transfer student does not make satisfactory progress, he/she will be eligible for one academic year of probation as described below in the Evaluating Progress section.

NOTE: In using TABLE 1, a transfer student’s progress is measured in the same way as that of a first-time student, beginning with year #1. For example, a student transfers to Hope. After completion of one year, the transfer student would be expected to have completed at least 16 hours during that year.

Evaluating Progress

Academic Progress is evaluated at the end of each academic year to determine a student’s financial aid eligibility for the following academic year.

At the time of evaluation, if a student is noted as not making progress, she/he will be placed on Satisfactory Progress Probation for one (1) academic year. By the end of this probationary academic year, the student must meet the stated cumulative hours requirement of that academic year as defined within the above Tables. Should the student fail to meet the required number of hours, she/he will no longer be eligible for financial assistance for the following academic year.

NOTE: The student applying for financial aid for the first time as an upperclassman will be considered eligible to receive aid for one (1) academic year even if she/he does not meet the progress requirements. This year will be considered as his/her year of probation. By the end of this probationary year, if the student still fails to meet the given standard, she/he will no longer be eligible for financial assistance.

Transfer Hours

Transfer hours earned at a previously attended institution will not be included in a student’s earned hours when assessing continued satisfactory academic progress. However, should a student enroll at another institution during the summer (while maintaining enrollment status at Hope College), such transfer hours earned during the summer will be applicable toward meeting the progress standard at Hope College.

CLEP Hours

CLEP Hours earned cannot be included in a student’s satisfactory academic progress calculation.

Procedures For Appeal

Upon written appeal by the student, failure to meet satisfactory academic progress requirements will be evaluated by the Financial Aid Director. The student will be notified of the decision within two (2) weeks of receipt of the appeal. The following types of information may be considered in determining whether the student is still maintaining satisfactory progress.

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. This would mean that the semester would be counted as a semester in attendance, but no credits could be earned by the student.

Non-Degree-Seeking Students
In determining progress for the Non-Degree-seeking student, the element of a time frame for completion of a degree is not applicable.

Reinstatement of Financial Aid
Any student denied financial assistance for failure to maintain satisfactory progress must earn the required number of hours as specified by the above Tables by the close of the applicable academic year.

NOTE: The Probationary Academic Year is counted as a year in attendance and must be counted as such when referring to the Tables.

If the student has progressed in a satisfactory manner, his/her financial assistance may be renewed dependent upon the student's demonstrated financial need and available funding.

Maximum Aid Eligibility
The maximum time frames for financial aid eligibility are as follows:
- Full-time students — five years or ten semesters
- Part-time students — ten years or twenty semesters

REFUND POLICY
For those students who withdraw from Hope College in a given semester and who have had federal TITLE IV aid, state aid, institutional aid, and/or private aid applied to their institutional charges for that semester, federal regulations require Hope College to determine which funds, if any, are to be returned to the individual aid programs.

Note: Federal TITLE IV aid is defined as the Pell Grant, the Supplemental Educational Opportunity Grant, the Perkins Loan, the Federal Direct Stafford/Ford Loan (subsidized and unsubsidized), or the PLUS loan programs.

Three different formulas exist for determining the amount of the refund. They are as follows:

The Federal Pro Rata Refund Policy: This policy provides a refund if a student attending Hope College for the first time is receiving Federal TITLE IV aid and withdraws before completing 60% of his/her first semester of enrollment. The percentage of the refund is equal to the number of weeks remaining in the semester divided by the number of weeks in the semester, rounded down to the nearest 10%.

The Standard Federal Refund Policy: This refund policy applies to the student who is receiving Federal TITLE IV aid and for whom the Federal Pro Rata Policy does not apply. By federal regulation, Hope College is required to calculate a refund for such a student using either this standard Federal Refund Policy or the Hope College Refund Policy, whichever provides the greater total refund. The standard Federal Refund Policy allows for a refund (of tuition, fees, room, and board) if the student who has received Federal Title IV financial aid leaves school before completing 50% of the semester. The percentage of refund is 100% if the student leaves on or before the first day of classes, 90% if the student withdraws between the first day of class but before 10% of the semester has been completed, 50% if the student withdraws after 10% but before 25% of the semester has been completed, and 25% if the student withdraws after 25% but before 50% of the semester has been
FINANCIAL AID FOR STUDENTS

completed. After 50% of the semester has been completed, there is no refund under this policy.

The Hope College Refund Policy: This refund calculation applies to the student who withdraws and who is NOT receiving any form of Federal TITLE IV assistance. See the STUDENT EXPENSES section for more information regarding this policy.

Administrative Fee: As permitted under federal law, a $100 Administrative Fee will be retained by Hope College from the amount to be refunded.

Refund Distribution: Following the calculation of the student’s refund, funds will be distributed to the appropriate programs and/or individuals as dictated by federal/state law or institutional policy. If the student received any form of federal TITLE IV assistance for the award period in question, any refund will be distributed in the following order:

1. Federal Direct Unsubsidized Student Loan
2. Federal Direct Subsidized Student Loan
3. Federal Direct PLUS Loan
4. Federal Perkins Loan
5. Federal Pell Grant
6. Federal Supplemental Educational Opportunity Grant (FSEOG)
7. Other Federal Student Financial Aid (SFA) programs
8. Other Federal, State, private, or institutional sources of aid
9. The Student

Repayments: For purposes of Repayment, financial aid funds are applied to a student’s account in the order of grants, scholarships, and then student loans. If funds have been released to a student due to a credit balance on his/her account, they are released in the order of student loans, scholarships, and then grants.

Examples: Examples of common refund cases can be secured by contacting the Director of Financial Aid.

IF YOU HAVE ANY QUESTIONS OR PROBLEMS, CONTACT US:

OFFICE STAFF:

Financial Aid Office
Hope College
PO Box 9000
Holland, MI 49422-9000
Phone: (616) 395-7765

Phyllis K. Hooyman
Director of Financial Aid

Connie Ramirez
Associate Director of Financial Aid

Marty Strom
Assistant Director of Financial Aid

Kendra Williams
Assistant Director of Financial Aid

MERIT-BASED SCHOLARSHIPS

As part of its commitment to academic excellence, Hope College seeks to recognize students who have compiled superior academic records while in high school. The scholarships listed below are awarded to freshmen primarily on the basis of academic achievement. Financial need is not a criterion. These scholarships are applicable to tuition only and are typically restricted to one award per student recipient. (Exception: Distinguished Artist Award recipients may receive other Hope merit awards.)
Application: Students who have applied for admission to Hope College are automatically eligible for scholarship consideration. No special scholarship application is necessary with the exception of Distinguished Artist Awards. Information collected in the admission process will be used to select scholarship recipients.

Deadline: Students whose applications for admission (and all supportive materials) are received on or before February 15 (January 20 in the case of the Trustee Scholarship) of their senior year in high school are assured consideration for merit-based scholarships. Recipients will be notified on a rolling basis, concluding in early April.

Renewal: All merit scholarships are renewable annually for a maximum of eight semesters contingent upon academic performance and full-time enrollment.

1. TRUSTEE SCHOLARSHIP — The purpose of this fund is to recognize in a significant way the accomplishments and abilities of those incoming freshmen with the most distinguished records of accomplishment, in and out of the classroom.

   Students whose applications for admission (and all supportive materials) are received on or before January 20 will be considered. A small group of finalists will be asked to submit an essay and invited to the campus to be interviewed by faculty members. Factors used in the selection of scholarship winners include the interview, the essay, and materials in the admission file.

   Trustee Scholars are included in all special activities scheduled as part of the Presidential Scholars Program.

   Contact: Office of Admissions

2. NATIONAL MERIT SCHOLARSHIPS — Hope College annually sponsors scholarship recipients through the National Merit Scholarship Program. Consideration is limited to National Merit Finalists who have Hope College as their first choice with the National Merit Scholarship Corporation.

   National Merit Scholars attending Hope College will receive scholarship stipends, whether or not financial need is demonstrated.

   National Merit Scholars are included in all special activities scheduled as part of the Presidential Scholars Program.

   Contact: Office of Admissions

3. PRESIDENTIAL SCHOLARSHIPS — The goal of this program is to recognize broad academic achievement, to provide opportunity for broad intellectual exploration, and to encourage students to fully develop their academic abilities and interests. Special out-of-class activities are scheduled for freshmen Presidential Scholars.

   Students are selected on the basis of the overall academic record in high school, marked intellectual interest, demonstrated leadership abilities, and involvement in school/community activities.

   Contact: Office of Admissions

4. ENDOWED SCHOLARSHIPS — These scholarships are awarded on the basis of the overall academic record in high school, including course selection, grades, class rank, and standardized test scores.

   Contact: Office of Admissions

5. DISTINGUISHED SCHOLAR AWARDS — These scholarships are awarded on the basis of the overall academic record in high school, including course selection, grades, class rank, and standardized test scores.

   Contact: Office of Admissions
6. REFORMED CHURCH HONOR AWARDS — These scholarships are awarded to students from the incoming freshman class. A student or student's parents must be members of or active participants in a congregation of the Reformed Church in America. They are based upon high school grade point average, and test scores or rank in class.

7. ALUMNI HONOR SCHOLARSHIPS — These scholarships are awarded to students from the incoming freshman class based upon high school grade point average, and test scores or rank in class.

   Contact: Office of Admissions

8. VALEDICTORIAN SCHOLARSHIPS — These scholarships are available to high school valedictorians enrolling as freshmen at Hope College who are not selected to receive one of the other Hope-sponsored merit-based scholarships.

   Contact: Office of Admissions

9. DISTINGUISHED ARTIST AWARDS — These scholarships are awarded to students on the basis of artistic talent and academic records. Awards will be made in the visual arts, dance, theatre, and music.

   Contacts: Chairperson of the Art Department
             Chairperson of the Dance Department
             Chairperson of the Theatre Department
             Chairperson of the Music Department

   Renewable annually to a maximum of 8 semesters contingent upon academic performance, artistic involvement (as defined by the awarding department), and full-time enrollment.
STUDENT EXPENSES
ACADEMIC YEAR 1997-1998

<table>
<thead>
<tr>
<th>General Fees:¹</th>
<th>Per Semester</th>
<th>Academic Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition — 12 to 16 credit hours</td>
<td>$7,394.00</td>
<td>$14,788.00</td>
</tr>
<tr>
<td>Board — 21 meals per week²</td>
<td>$1,277.00</td>
<td>$ 2,554.00</td>
</tr>
<tr>
<td>Room³</td>
<td>$1,071.00</td>
<td>$ 2,142.00</td>
</tr>
<tr>
<td>Activity Fee</td>
<td>$  45.00</td>
<td>$   90.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$9,787.00</strong></td>
<td><strong>$19,574.00</strong></td>
</tr>
</tbody>
</table>

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 $300.00 per class and are in addition to the general fees.

Music Lesson Fee:⁴ Organ, Piano, Voice or Instrument
One thirty-minute lesson per week
for one semester .............................. 2 hrs. credit $62.00

One sixty-minute lesson per week
for one semester .............................. 3 hrs. credit $83.00

Special Fees:
Application (Paid by each student upon application for admission) $25.00
FOCUS Program $230.00
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 56 for more information. $300.00
Readmit Deposit⁵ $200.00
Tuition Deposit: Payable at time of fall registration which occurs during the spring and applied toward fall tuition. $100.00
Tuition above normal 16-hour load (per credit hour) $165.00
Tuition: 8-11 hour load (per credit hour) $515.00
Tuition: 5-7 hour load (per credit hour) $330.00
Tuition: 1-4 hour load (per credit hour) $225.00
Tutorial: Per credit hour (by special arrangement) $460.00
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: $2,392.00 per year, 10 meal plan: $2,230.00 per year.
3. All rooms in college housing are contracted for the college academic year. Other housing options are available if space permits at additional charges of from $214.00 to $678.00 per year.
4. Fees for music lessons are in addition to the normal credit hour charge.
5. Tuition deposit and readmit deposit are not refundable if the student does not enroll.
6. Students enrolled for 1-4 credit hours are not eligible to receive special college services and attend college events except by payment of service fees and admission charges.

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 Student Accounts Office. A late payment fee will be added to accounts not paid in full by August 26, 1997 for the fall semester and December 31, 1997 for the spring semester.
In accordance with standard practice at colleges and universities, students are required to make satisfactory arrangements with the Student Accounts 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\(^1\).

**Adjustments:**\(^2\)

Contractual arrangements with members of the faculty and staff, and other provisions for education and residence, are made by the college for an entire year in advance to accommodate each registered student for the full academic year; therefore, should a student withdraw before the end of a semester the following rules 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. Changes in boarding plans can be made through the first week of classes. Any requests for a late change in board plan must be submitted to the Director of Food Services for consideration.

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 1997** —
   - 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 1998** —
   - 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 Student Accounts 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 80 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.
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:

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

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-semester hour course earns 12, 9, 6, 3, or 0 quality points respectively. The number of earned quality points divided by the number of semester hours attempted (excluding "Pass" hours 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. Copies of midterm grades are issued to the student at the college; final grades are mailed to the student at his/her home address.

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.
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. Knowingly represent the work of others as his/her own. This includes, but is not limited to, plagiarism. Plagiarism is defined on page 577 of The St. Martin's Handbook (the official writing handbook of the college).
4. Falsify or fabricate data. This has particular application to laboratory work and research.
5. 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.

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 arrange an informal, private meeting with the student within one week. At that meeting, 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.
   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.

PROBATION: The college requires that its degree students attain a minimum 2.0 cumulative grade point average for the awarding of the A.B., B.S., B.S.N. or
B.Mus. degree. A student whose cumulative grade point average indicates that the accomplishment of the degree objective is in jeopardy is placed on academic probation. The following schedule applies:

- 0-32 sem. hrs. attempted — below 1.6 cum. gpa — probation
- 33-50 sem. hrs. attempted — below 1.7 cum. gpa — probation
- 51-65 sem. hrs. attempted — below 1.8 cum. gpa — probation
- 66-79 sem. hrs. attempted — below 1.9 cum. gpa — probation
- 80-95 sem. hrs. attempted — below 1.95 cum. gpa — probation
- 96 + sem. hrs. attempted — below 2.0 cum. gpa — probation

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

DISMISSAL: A student may be dismissed from the degree program for academic reasons if, in the judgment of the college, such action is felt to be in the best interest of the student. Such action is possible for a student if he or she has been on probation for two succeeding semesters, his/her cumulative grade point average is significantly below the guidelines above, and his/her academic record shows no trend toward the improvement of his/her grade point average. A letter informing the student of his/her dismissal is sent by the Registrar and a copy of this letter is sent to the student’s faculty advisor and to the student’s parents or guardian. The decision to dismiss a student for academic reasons may be appealed, if done so within ten days of receipt of the letter from the Registrar, to the Student Standing and Appeals Committee.

If a student is dismissed from the degree program for academic reasons, the earliest he/she may apply for readmission to the degree program is one academic year from the date of his/her dismissal. At the time of his/her application for readmission, the student must present convincing evidence of his/her ability and desire to complete Hope’s degree program. Opportunity may be given the student to demonstrate this ability and desire to complete the degree program by allowing him/her to enroll at Hope as a non-degree student.

A student experiencing academic difficulty is encouraged to seek help from his/her faculty advisor or from the college’s staff. The college desires to aid the student in every way possible to attain his/her degree objective. Questions relative to 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 at 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 benefit hours. 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 fourth 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.

PASS/FAIL OPTION
Each 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 hours 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. 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. The professor will not be informed of the student’s election of the pass-fail grading system for his/her particular course, but this information will be available to the professor at his/her request from the Registrar. 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 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 sixteen hours per semester. Regularly enrolled students must carry a minimum of twelve semester hours of course work each semester to maintain full-time status. Veteran students under the G.I. Bill must carry a minimum of twelve hours 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 twelve semester hours.

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

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

**CLASSIFICATION OF CLASSES — Eligibility**

- **FRESHMAN** — Fewer than 24 hours of credit
- **SOPHOMORE** — Student must have 24-57 hours of credit
- **JUNIOR** — Student must have 58-89 hours of credit
- **SENIOR** — Student must have 90 hours of credit

**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.

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.

CORRESPONDENCE CREDIT

Credit for correspondence work is accepted by Hope College provided that these courses are offered by an accredited institution and are approximate equivalents to Hope College courses.

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 core 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.

<table>
<thead>
<tr>
<th>CLEP Exam</th>
<th>Score For Credit</th>
<th>Sem. Hrs.</th>
<th>Hope Equivalent Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting, Introductory</td>
<td>47</td>
<td>6</td>
<td>Bus. Ad. 221, 222</td>
</tr>
<tr>
<td>American Government</td>
<td>47</td>
<td>3</td>
<td>Pol. Sci. 101</td>
</tr>
<tr>
<td>Am. History I; Early-1877</td>
<td>46</td>
<td>3</td>
<td>None - Elective</td>
</tr>
<tr>
<td>Am. History II; 1865-Present</td>
<td>46</td>
<td>3</td>
<td>None - Elective</td>
</tr>
<tr>
<td>American Literature</td>
<td>46</td>
<td>6</td>
<td>None - Elective</td>
</tr>
<tr>
<td>Analysis &amp; Interp. of Lit.</td>
<td>49</td>
<td>6</td>
<td>English 245, 246, 247</td>
</tr>
<tr>
<td>Biology, Introductory</td>
<td>46</td>
<td>6</td>
<td>Biology 100, 111, 112</td>
</tr>
<tr>
<td>Business Law, Introductory</td>
<td>51</td>
<td>3</td>
<td>Bus. Ad. 341</td>
</tr>
<tr>
<td>Chemistry, General</td>
<td>47</td>
<td>6</td>
<td>Chemistry 101, 102</td>
</tr>
<tr>
<td>*College French — First Year</td>
<td>41</td>
<td>7</td>
<td>French 101, 102</td>
</tr>
<tr>
<td></td>
<td>53</td>
<td>6</td>
<td>French 201, 202</td>
</tr>
<tr>
<td>*College German — First Year</td>
<td>40</td>
<td>7</td>
<td>German 101, 102</td>
</tr>
<tr>
<td></td>
<td>48</td>
<td>6</td>
<td>German 201, 202</td>
</tr>
</tbody>
</table>

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### GENERAL ACADEMIC REGULATIONS

<table>
<thead>
<tr>
<th>CLEP Exam</th>
<th>Score</th>
<th>For Credit</th>
<th>Sem. Hrs.</th>
<th>Hope Equivalent Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>*College Spanish — First Year</td>
<td>41</td>
<td>7</td>
<td>Spanish 101, 102</td>
<td></td>
</tr>
<tr>
<td>— Second Year</td>
<td>50</td>
<td>6</td>
<td>Spanish 201, 202</td>
<td></td>
</tr>
<tr>
<td>Computers &amp; Data Processing</td>
<td>47</td>
<td>3</td>
<td>None/Elective Credit</td>
<td></td>
</tr>
<tr>
<td>English Literature</td>
<td>46</td>
<td>6</td>
<td>None — Elective</td>
<td></td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td>45</td>
<td>3</td>
<td>None — Elective</td>
<td></td>
</tr>
<tr>
<td>Literature, Analysis &amp; Interp.</td>
<td>49</td>
<td>6</td>
<td>English 245, 246, 247</td>
<td></td>
</tr>
<tr>
<td>Macroeconomics, Introductory</td>
<td>48</td>
<td>3</td>
<td>Econ. 211</td>
<td></td>
</tr>
<tr>
<td>Microeconomics, Introductory</td>
<td>47</td>
<td>3</td>
<td>Econ. 212</td>
<td></td>
</tr>
<tr>
<td>Management, Introductory</td>
<td>47</td>
<td>3</td>
<td>Bus. Ad: 351</td>
<td></td>
</tr>
<tr>
<td>Marketing, Introductory</td>
<td>48</td>
<td>3</td>
<td>Bus. Ad. 331</td>
<td></td>
</tr>
<tr>
<td>Psychology, Introductory</td>
<td>47</td>
<td>3</td>
<td>Psychology 100 — 3 credits</td>
<td></td>
</tr>
<tr>
<td>Sociology, Introductory</td>
<td>47</td>
<td>3</td>
<td>Sociology 101</td>
<td></td>
</tr>
<tr>
<td>Western Civilization I (Ancient)</td>
<td>50</td>
<td>3</td>
<td>History 130</td>
<td></td>
</tr>
<tr>
<td>Western Civilization II (Modern)</td>
<td>50</td>
<td>3</td>
<td>History 131</td>
<td></td>
</tr>
</tbody>
</table>

*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. Although general examinations are not given credit, the general examinations are also available at the CLEP Test Center, Registrar's office, DeWitt Center.

**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 hours required for graduation is 32 hours, 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 has chosen St. Martin’s Handbook to be the official writing handbook for students. The faculty will use the rules of grammar, mechanics, as presented in the handbook 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 Summer Session 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.

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:

The degree of Bachelor of Arts, Summa Cum Laude, will be conferred upon those who have met all the requirements for the degree and attained an average grade of 3.870 quality points.

The degree of Bachelor of Arts, Magna Cum Laude, will be conferred upon those who have met all the requirements for the degree and attained an average grade of 3.600 quality points.

The degree of Bachelor of Arts, Cum Laude, will be conferred upon those who have met all the requirements for the degree and have attained an average of 3.300 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.

ACCREDITATION
Hope College is accredited by the North Central Association of Colleges and Secondary Schools, and has professional accreditation from the American Chemical Society, the Council on Social Work Education, the National Association of Schools of Art and Design, the National Association of Schools of Dance, the National Council for the Accreditation of Teacher Education, the National Association of Schools of Music, the National Association of Schools of Theatre, and the National League of Nursing.
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 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 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.
II. REQUIREMENTS FOR THE BACHELOR’S DEGREE

Requirements for the Bachelor’s degree briefly stated are:

1. Completion of at least 126 semester hours with a minimum 2.0 cumulative grade point average. (Courses with numbers below 100 do not count toward the 126 hours.)

2. Completion of the core curriculum.

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 credit hours 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 core requirements of Hope College and have a total of 156 credits earned in combination. The core 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 core.

SEMESTER HOURS 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) credit hours 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 hours of the Hope College degree program must be completed at Hope College or in an off-campus program sponsored by Hope College. This latter category would include the Great Lakes Colleges Association programs and those of the Institute for European and/or Asian Studies. 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 hours 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 CORE CURRICULUM

Qualified students may obtain waivers of certain portions of the Core Curriculum. Consult the listing below for waiver procedures for individual components. ACT-based waivers are granted automatically and no further action is necessary by the student. Students should note that waivers do not grant college credit hours.

Note: Adjustments to the Core Curriculum have been made for the Bachelor of Music and the Bachelor of Science in Nursing degrees. See the department of music or department of nursing course section for the core requirements for these degree programs.

The Core Curriculum consists of the following components:

A. FUNDAMENTAL SKILLS — 7 SEMESTER HOURS

1. Expository Writing I. (English 113) 4 hours

Rationale and Objectives
Knowledge has little value unless it can be communicated to others; therefore, every course offered in the college should help students improve their writing skills. The freshman rhetoric course is to be viewed as a foundation course, not as an end in itself. The emphasis of this course is placed upon rhetoric and the fundamentals of expository writing.

Course Pattern
A four credit-hour course to be taken in the freshman year, English 113, aims at developing the student's ability to reflect critically, logically and speculatively on significant topics and ideas and to express reflection clearly and concisely. The area of exploration varies with individual instructors.

This course assumes that students entering it will have already achieved some understanding of principles of grammar, syntax, and mechanics. To provide help for students who show significant deficiencies in these areas, the Academic Support Center will provide individualized instruction for any student needing and requesting help in developing writing skills.

Students who present a score of 30 on the ACT-English exam may take English 213, 214, or 215 to satisfy the English 113 requirement.

2. Mathematics (3 hours)

Rationale and Objectives
In a society which depends heavily on quantitative definition and analysis of issues and problems, basic mathematical skills are clearly necessary if a person is to function effectively. The aim of the mathematics requirement is to help the student achieve this facility in using quantitative symbols and methods. All courses eligible for fulfilling the requirement should help students understand better the nature and structure of mathematics.

Course Pattern
Since students enter college with significant differences in their mathematical skills, and since their vocational directions may require specific mathematical skills, no single course is best for all students. Therefore, a variety of course offerings are provided from which the student may choose. Advisors will assist students in making a wise choice, in light of background and major directions.

Students who present a score of 28 on the ACT-Math exam qualify for a waiver of this component of the core.
Rationale and Objectives

In order for modern persons to live responsibly in a pluralist society, they need to have some sense of the ways in which the thoughts and actions of the past have shaped their present. In a multi-lingual world they need to deepen their understanding of language, including those not native to them, in part to develop an appreciation of the cultural contributions of other people. The cultural history requirement introduces students to the chief intellectual developments of the western cultural tradition, by directing their study to significant primary documents and artistic creations in chronological sequence. Second language acquisition enhances the student's ability to gain access to materials not in English and provides a complementary opportunity for the examination of the western cultural tradition from another vantage point.

Course Pattern — Language (7 semester hours)

Four options can be exercised to satisfy this requirement:

Option 1 — Complete a course number 102 or 172 in the department of modern and classical languages.

Option 2 — Be placed in Hope's 200-level course on the basis of a placement test administered by the department of modern and classical languages.

Option 3 — Present a minimum score of 550 on a CEEB Foreign Language Achievement Test (The Reading-Listening Test, if possible). This test is normally taken during the junior or senior year in high school.

Option 4 — Complete one semester of concentrated study of a language under the auspices of a foreign study program recognized by the college and approved by the chairperson of the department of modern and classical languages.

Note: A student who is a native speaker of a language other than English is exempted from the language component of the Cultural History and Language requirement.

Course Pattern — Cultural History (12 semester hours)

To meet the objectives of these requirements, the student must satisfy two components:

Component 1 — Complete one course from each of the following disciplines: English, History, and Philosophy. The student must select from the following approved ancient period courses: English 231, History 130, or Philosophy 219 or from the following approved modern period courses: English 232, History 131, or Philosophy 220.

Component 2 — Complete one additional course from the approved courses listed above or complete a 201 or 271 course in the department of modern and classical languages. Or complete Philosophy 218, The History of Science and Technology. If a 201 modern language course is selected, 1 ancient period course is required from the other 9 hours. If a 271 ancient language course is selected, 1 modern period course is required from the other 9 hours.
Alternate Course Pattern for Both Language and Cultural History

A. IDS 123, 124 — Two Souls of Germany. An integrated language and culture program focusing on Germany from the age of Goethe to the collapse of the Weimar Republic. Corequisite for IDS 123 is: The completion of German 101, 102; IDS 123, 124; and two additional courses from the cultural history component of the core curriculum (one of which must be English 231, History 130, or Philosophy 219) will fulfill the 19-hour Cultural History and Language component of the core curriculum.

B. IDS 133-134 — The Golden Age of Greece. Concentrated study of classical Greek language combined with the study of Greek culture and history, concentrating on Athens in the 5th century B.C. This program plus two courses from the cultural history component of the core curriculum (one of which must be English 232, History 131, or Philosophy 220), will fulfill the 19-hour Cultural History and Language component of the core curriculum.

The college is committed to excellence in written expression. Every course fulfilling the Cultural History requirement will include writing and the evaluation of writing.

C. SOCIAL SCIENCE — 6 SEMESTER HOURS

Rationale and Objectives
This requirement helps students understand the structure and functions of the major institutions of society and the major patterns of human behavior. Then students can bring their understandings to bear upon problems they will face and decisions they will make if they are to live effectively and constructively in society.

Course Pattern
One course must be chosen from the core-designated courses in the economics or political science areas — courses currently designated to satisfy this portion of the core are Economics 211 and Political Science 101; and one course must be chosen from the core-designated courses in the communication, psychology, or sociology areas — courses currently designated to satisfy this portion of the core are Communication 101, Psychology 100, Psychology 200, Sociology 101, and Sociology 151.

D. NATURAL SCIENCES — 8 SEMESTER HOURS

Rationale and Objectives
The magnitude of science and technology in today's world is prevalent and raises challenges and problems for modern men and women individually and collectively. The purposes of this segment are to deepen the student's understanding of the scientific interpretation of the natural world, to explore the aims, methods, limitations, and moral implications of the scientific enterprise, and to study the influence of science and technology on society and the environment.

Course Pattern
To meet these objectives, the student must:
1. EITHER complete a four semester-hour introductory course with laboratory in the natural sciences and complete another four hours of science. For the non-science major, the overall objectives of the second component are best met with completion of 2 two-credit-hour topical courses in the natural sciences. It is recommended that at least one of these courses must be taken in a department other than the one in which the laboratory course is taken. Total requirement is 8 hours.
2. OR, for students who have good high school preparation in natural science and who present a score of 28 on the ACT-Natural Science exam, complete 6 credit hours of science. At least two departments should be represented in the student's choice. A course in computer science is allowed toward fulfillment of this requirement.

E. PERFORMING & FINE ARTS — 6 SEMESTER HOURS

Rationale and Objectives
A liberally educated person knows, understands, and experiences those creations of humankind which speak powerfully in a form generally identified as art.

To develop aesthetic sensibilities of the arts, a student should not only be introduced to the artistic reactions of others but also be involved in the creative process. Part of the arts requirement (three hours) is designed to introduce students to masterpieces and to provide them with the background and skills important for an appreciative understanding. The other part of the requirement is designed to help students explore further, but it especially encourages them to engage actively in the creative and performing process.

Course Pattern
The student may fulfill these objectives by

1. Completing an introductory course in art, music, theatre, or an interdisciplinary course in the arts. Courses designated to fulfill this requirement are Art 161, 162, IDS 101, Music 101, Theatre 101, 153.

2. AND, completing three hours of course work in one or more disciplines other than the one chosen for the introductory course. Another introductory course, performance or studio course, fine arts theory or history may be used to fulfill or partially fulfill this three-hour block.

A student with an extensive fine arts background may apply to the chairpersons of the individual departments for a waiver of either component of this requirement.

F. RELIGION — 6 SEMESTER HOURS

Rationale and Objectives
The Christian faith has had a profound influence on the history of western civilization and is a powerful force shaping the future. The notion that all of life and nature are gifts of God and that mankind is called to be a faithful steward of these gifts makes the study of the Christian religion an essential part of the curriculum. This segment is designed to aid students to develop a mature understanding of the Judeo-Christian tradition, to acquaint them with the methodological tools used in the study of religion, to sharpen their ability to evaluate their own religious commitments, and to assist them in evolving an integrated world view.

Course Pattern
Three hours are to be elected from the Basic Studies in Religion: Religion 111, 121, 131, 141 or 151. The remaining three hours are to be drawn from an appropriate upper-level religion course. For junior and senior transfer students, a total of 3 hours is required.

Students with extensive religious training may apply to the chairperson of the department of religion for a waiver of the Basic Studies component of this requirement.
G. PHYSICAL EDUCATION — 2 SEMESTER HOURS

Rationale and Objectives

Physical health and fitness have ideally been part of the liberally educated person since the time of the ancient Greeks. The purpose of this requirement is to help students understand the principles of proper diet and exercise and establish habits and skills that will enable them to reach and maintain good health and physical fitness for life.

Course Pattern

This requirement is met by completing Kinesiology 140, Health Dynamics, a two-credit-hour course.

The first part of this course will focus on the knowledge of diet and exercise as they relate to fitness and health. The second part will deal with the application of the principles established and will involve students in activities which best suit their physical fitness needs.

Waivers are not granted for this requirement. Transfer students may substitute activity courses for this requirement.

H. SENIOR SEMINAR — 3 SEMESTER HOURS

Rationale and Objectives

Hope College is an institution which professes that life is regarded as God’s trust to humankind. In this context students are encouraged to discover and develop 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 core requirement was developed.

Through personal assessment of one’s education and life view, the Senior Seminar is intended to serve as the capstone of Hope College education. The Seminars are designed to help students 1) consider how the Christian faith can inform a philosophy for living, 2) articulate a philosophy for living in a coherent, disciplined, yet personal way, and 3) understand secular contemporary values in a Christian perspective.

Course Pattern

Senior Seminars are three-credit-hour courses offered both semesters. Courses should be taken by second-semester juniors and seniors unless by special permission. See the Department of Interdisciplinary Studies section for courses approved to fulfill this requirement.

Waivers are not granted for this requirement.

GENERAL EDUCATION REQUIREMENTS — 1998 AND BEYOND

The Core Curriculum as it appears on the previous pages will disappear from the 1998-99 college catalog. Replacing it will be the new general education program adopted by the faculty in April, 1996. The new general education program will be in full operation for the 1998-99 academic year.

The new general education curriculum will offer students clearly-defined criteria for success. The program will also give information to students about their progress toward meeting these criteria and multiple opportunities to attain them. Those criteria have been labeled as KNOWING HOW and KNOWING ABOUT:

The Knowing How criteria will emphasize and teach Skills of Learning — critical thinking; mathematical thinking; reading, listening, and viewing with understanding, sensitivity, and critical acumen; and written and oral communication; and
THE DEGREE PROGRAM

Habits of Learning — analytic and systematic thinking; appreciation for tradition; creativity; curiosity and openness to new ideas; intellectual courage and honesty; moral and spiritual discernment and responsibility.

The Knowing About criteria relate directly to the mission of the college, namely, “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.” The general education program, therefore, will (a) Enable students to explore and understand the central questions of human identity; (b) Prepare students to live in a changing world; (c) Educate students for a life of service; and (d) Increase students’ capacity for delighting and participating in creative processes and the world around them.

Further, the following characteristics will be woven through the general education curriculum: active learning, different ways of knowing, oral communication, written communication, critical thinking, library research, cultural diversity including global perspective and international education, and the integration of faith and learning.

Questions will naturally arise as to how this change will affect those students who are currently under what will soon be labeled the “old” core curriculum. The catalog addresses these concerns under the heading CATALOG OF ENTRANCE (page 89, Catalog): currently enrolled students may elect to stay under the old requirements or opt for the new. Students who are currently enrolled or who are admitted for the 1997-98 academic year will have a choice; students admitted for the 1998-99 academic year will be under the new general education requirements.

Academic Year 1997-98 will be a year of transition. Some new courses will be offered with a view to the full implementation of the new general education program in 1998 and beyond.

OVERVIEW — GENERAL EDUCATION PROGRAM — 1998 AND BEYOND

First-Year Seminar — 2 credit hours (IDS 100)
An interdisciplinary introduction to the liberal arts and to college-level ways of learning. This two-credit-hour 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.

Note: This seminar must be taken in the first semester of a first-year student’s academic program.

Expository Writing I — 4 credit hours (English 113)
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.

Note: English 113 should be taken in the first year of a student’s academic program.

Health Dynamics — 2 credit hours (KIN 140)
This course will emphasize the importance of good health, a healthy diet, and the value of exercise, seeking to develop patterns that will serve each student for life.

Note: Health Dynamics should be taken in the first year of a student’s academic program.

Mathematics and Natural Science — 10 credit hours
Science majors: courses already required in the natural sciences and mathematics for natural science division majors will satisfy this requirement. If using disciplinary courses for Nat Sci I and Nat Sci II, two disciplines must be represented.

Non-Science majors: any combination of 10 hours in the natural sciences division with the stipulation that two of the ten hours be in mathematics. The rest can be a
combination of GEMS courses, math courses, computer science courses; natural science courses. This requirement stresses the interdisciplinary nature of the sciences, therefore there must be represented in this requirement either a GEMS course with a lab or two disciplinary lab courses, each from different disciplines.

**Foreign Language — 4 credit hours**

First-year college-level competency required. Successful completion of the second semester of first-year language (courses numbered 102, 122, 172) will satisfy this requirement.

**Religious Studies — 6 credit hours**

A two-credit-hour Basic Studies course (REL 100) to be taught topically plus an approved four-credit-hour upper-level religion course.

Note: Religion 100 must be taken before enrolling in an upper-level religion course.

**Social Sciences — 6 credit hours**

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.

Note: A Social Science I course must be taken before enrolling in a Social Science II course.

**The Arts — 6 credit hours**

Two courses will be required. The first will be a four-credit introductory arts course, including the current Encounter with the Arts (IDS 101); the second, a two-credit studio or performance course or an accumulation of two credit hours in studio and performance courses.

**Cultural Heritage — 8 credit hours**

This requirement can be met by taking IDS 171 & 172, an interdisciplinary course blending literature, history, and philosophy. This requirement can also be met by taking IDS 171 and another course from English 232, History 131, Philosophy 220 (this course number will change in the future) or by taking English 231, History 130 or Philosophy 219 (course number will change) followed by IDS 172.

(This arrangement will be allowed only when the disciplinary courses become four-credit courses in 1998. For currently enrolled students, cf. above.)

Note: Chronology is important in this requirement, therefore the ancient-period course must be taken before the modern-period course.

**Senior Seminar — 3 credit hours**

This course is intended to be a capstone to the student's liberal arts experience. Central to this course is an understanding of how Christianity may influence a world and life view. Courses fulfilling this requirement are to be selected from the IDS 400-level offerings designated as senior seminars.

**Additional Requirements for General Education**

One course designated as emphasizing cultural diversity. Courses satisfying this requirement may be in the general education program or the major program and will be flagged as such.
THE MAJOR PROGRAMS

The bachelor degree requires the successful completion of a major program. The Bachelor of Arts degree may be earned in 37 fields of major concentration: ancient civilization, accounting, art, biology, business administration, chemistry, classical languages, communication, computer science, dance, economics, engineering physics, English, French, geology, geochemistry, geophysics, German, history, humanities, international studies, kinesiology (athletic training, exercise science, teaching and coaching), language arts, Latin, 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, vocal music education, and/or instrumental music education.

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

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 pages 98-100 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 credit hours of course work aimed at providing depth in the defined field of inquiry.
3. Of these hours, 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.

5. The Composite Major Committee shall consist of the Registrar, a divisional dean, and two ad hoc faculty members invited to review a particular application. One of the ad hoc faculty members may serve as the student’s academic advisor when the application is approved.

THE 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 composite programs already approved. Such a student should consult with the department of education by the end of the sophomore year. The composite major leading to certification in elementary education consists of a minimum of 36 hours in related academic fields and requires a concentration of at least 18 hours in one academic field. At present, the following composite majors are approved:

Language Arts (Communication, English Language, Foreign Language) — Focus is on language as a communicating art.

Humanities (Literature, Art, Music)

Social Studies (History, Political Science, Sociology, Economics, Psychology)

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

THE GEOLOGY-PHYSICS COMPOSITE MAJOR is an integrated curriculum designed to prepare students who are planning to follow a graduate career in geophysics.

Required Courses:

Geology: 101 (or equivalent), 215, 241, 315 and 441
Mathematics: 131, 132, 231
Physics: 121, 122, 270, 241, 242, 280, 381, 382

Three additional courses are required; at least one in the department of geological and environmental sciences and one in physics. These courses are:

Geology: 332, 432, 453
Physics: 342, 352, 361, 362

Students contemplating the geophysics major should consult with the chairpersons of the departments of geological and environmental sciences, and physics for additional information.
THE DEGREE PROGRAM

THE GEOLOGY-CHEMISTRY COMPOSITE MAJOR is an integrated curriculum designed to prepare students who are planning to follow a graduate career in geochemistry.

Required Courses:
Chemistry: 111, 113, 114, 121, 221, 322, and 343
Geology: 101 (or equivalent), 215, 241, 332, 430, 453
Mathematics: 131, 132, 231, 270
Physics: 121, 122, 141

Students contemplating the geology-chemistry composite major should consult with the chairpersons of the departments of geological and environmental sciences, and chemistry for further information.

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, international economics, government, international law, history, sociology, and the arts.

In addition to the normal sequence of courses taken to satisfy the general requirements of Hope College, 18 hours of required courses, and a modern language successfully completed through the second year level or demonstrated equivalency, plus 18-19 credit hours with an economic-political science focus, or 18 credit hours with a cultural-historical focus, are needed to complete the International Studies Composite Major.

Furthermore, it is strongly recommended that students participate in an international, off-campus program for at least a semester and preferably for a full year. Credits earned in such programs for parallel courses may be substituted for requirement or elective courses at the discretion of the Registrar.

Requirements for all international studies majors include:
Economics 211 (also applies to college core)
History 355
Political Science 251
Sociology 151 (also applies to college core)

One history and one political science course from among the following Africa, Asia, and Latin America courses:
History 260, 268, 271, 280, 310, 312
Political Science 262, 270, 301, 302, 304

One foreign language with successful completion through the second year level.

Option A: Economics/Political Science Focus:
Economics 311 or 312 or Political Science 263 or 378
Economics 401 or Political Science 342
Economics 402 or 404*
Political Science 352

Two additional courses from among the following:
Economics 318
Political Science 300
Sociology 311, 312

*Students who have not taken Economics 311 or 312 and who wish to take Economics 404 must obtain the permission of the instructor.
Option B: Cultural/Historical Focus:
Six courses from those listed below with at least one course each in the arts, history, religion. Additionally, it is required that three (and recommended that four) of these six courses be area-specific to Africa, Asia, Europe or Latin America. Other areas are also possible through specialized reading courses.
The Arts: Art history courses numbered 300 (except 366, 368); Theatre history courses numbered 300 (except 306).
History: Any non-U.S. history course numbered 200 or higher
Religion: 141 (core), 221, 241, 243, 343
Modern Languages: Any literature or civilization course numbered 300 or higher.

THE COMMUNICATION/ENGLISH COMPOSITE MAJOR is designed to equip students with speaking, reading, listening, and writing skills, as well as a background in communication theory, familiarity with a range of literature, and practical experience in media.

ALL-COLLEGE REQUIREMENTS:
English 231
Communication 101

COMMUNICATION AND ENGLISH REQUIREMENTS:
Communication 140
Communication 151
Communication 160
Communication 220 or 210
Communication 451, 460, 463
English 245 or 248
Twelve hours of literature courses, at least nine in courses numbered 270 and above
Five or six hours of writing to be chosen from:
English 213, English 214, English 215, English 313, a creative writing class, English 493, Communication 255, and Communication 356

ELECTIVE COURSES (5 or 6 hours required, more recommended):
English 359 or Communication 395
Additional writing courses in English and/or Communication
Communication 251 and/or other broadcasting courses
Additional literature courses

CO-CURRICULAR PROGRAMS:
Students electing the Communication-English Composite Major are required to have two semesters of experience working on one or more of the campus media: the Anchor, Opus, Milestone, and WTHS.

MINORS
While minors are not required for the degree, concentrations of course work in a department may qualify students to have this minor listed on their permanent record. Consult the departmental listings for approved minor programs. Minor declaration forms are available at the Registrar's Office.

Minors are required for teacher certification 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 (ninth) period ending at 5:20 p.m., with some evening offerings available. The college calendar is listed on page 360 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

Students may spend the last three weeks of May or the first three weeks of June by enrolling in one course for three hours credit. This concentrated approach allows for innovation in the nature of the course and the mode of instruction. Some of the college’s regular and traditional courses are offered along with several novel courses that can only be approached in this manner. Some of the courses taught are off-campus or made up of one, two or three-day-long field trips. College facilities are available for dining and housing. By enrolling in May Term, June Term, and the regular Summer Session, a student can accumulate nearly an entire semester’s credit at Hope College. For further information about these sessions, contact the Registrar.

THE SUMMER SESSION

Hope College offers a program of summer school study on its campus for Hope students and those from other colleges. The session extends for six weeks, from the end of June to the beginning of August.

The courses are undergraduate credit courses which can be applied toward the A.B. degree at Hope or transferred to other universities or colleges. 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 summer study taken at the Hope summer school. Veterans may apply for full privileges under the G.I. Bill. A few courses are offered which may be acceptable at universities for graduate credit. Enrollment in the summer session does not assure admission as a degree candidate. Admission is flexible and open to high school seniors.

For full details on the regular summer course program, write to the Registrar.

AUGUST SEMINARS

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

CREDIT HOURS — The number of hours a course meets each week determines its worth in credit hours. Courses usually run 2, 3, or 4 credit hours a semester, which means classes meet two or three times a week. Since each credit hour 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 hour.

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

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

MINOR — The fulfillment of a specified number of credit hours in fields of study related to the student’s minor. Particularly applicable to those students concerned with teacher certification, but all students may declare minor programs which will become part of the student’s record.

PREREQUISITE — The course(s) a student must have taken before he can 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 credit hours. A student must complete 126 credit hours at a point average of 2.00 to be eligible for a degree and the hours must be in the required and elected courses.
Faculty: Mr. Mayer, Chairperson; Ms. Hillman, Ms. Mahsun, Mr. McCombs*, Mr. Michel, Mr. Nelson, Mr. Wilson.

Course offerings in the Department of Art 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 is accredited by the National Association of Schools of Art and Design.

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

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

The Department of Art 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 Philadelphia
• 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 DePree 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

MAJOR: A major consists of at least 42 credit hours of art in either of the following two programs:

A. ART MAJOR — STUDIO CONCENTRATION
The studio major consists of a broad selection of studio courses. Required courses are Art 103, 104, 111, 131, 141 and 121. The studio major is also required to have a concentration (at least 9 additional hours above the basic course) in either painting, printmaking, drawing, sculpture, ceramics, or photography (may be taken in Special Problems Studio-Photography). In addition to the above studio courses, the student is required to take Introduction to Art History I and II (Art 161, 162) and two additional courses in art history. Art 365 and 369 are strongly recommended. A major with a studio concentration must present a comprehensive portfolio and an exhibition of his/her work 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 hour is 3 clock hours of work to one credit hour.

B. ART MAJOR — ART HISTORY CONCENTRATION
Majors with an area of concentration in art history must fulfill course work in art to be divided as follows: 27 hours in art history, including Art 161 and 162; 3 hours of directed studies undertaken in a special problem area leading toward a Senior Art History paper; 6 hours in studio to be taken from the 100 level (Art 201 may be included); one additional course in either studio or art history. If graduate work is contemplated, a reading knowledge of two foreign languages is recommended.

*Sabbatical Leave, Fall Semester 1997
A major in art is expected to take related course work in such areas as history, literature, music, and theatre. Art students are expected to visit museum collections and special exhibitions regularly. If at all possible, foreign study and travel are strongly recommended during the student's stay at Hope.

**MINOR:** A minor with a studio concentration consists of 21 credit hours in art, including 3 credits above the 100 level and 15 credit hours selected as follows: Art 161, 162 or 365, and Art 103, 104, 141, and Art 111.

A minor with an art history concentration consists of 21 credit hours in Art, including 3 credit hours in studio and 18 credit hours of art history.

**Art History Courses**

161. *Introduction to Art History I* — This is an introductory survey of art history from Pre-Historic art to the Renaissance. Major cultural and period styles will be examined chronologically with regular reference to the Renaissance and Western and Modern art. Goals are: a heightened visual perception; an awareness of fundamental ideas and cultural values embodied in art; a critical approach to the work of art via formal and stylistic analysis; iconographical analysis. No prerequisite.

*Wilson, Mahsun*

162. *Introduction to Art History II* — This is an introductory survey of art history from the Renaissance to the present. Major cultural and period styles will be examined chronologically. Goals are: a heightened visual perception; an awareness of fundamental ideas and cultural values embodied in art; a critical approach to the work of art via formal and stylistic analysis; iconographical analysis. No prerequisite.

*Wilson, Mahsun*

295. *Special Studies* — Studies and research in areas of art history or studio not covered in regular course listings. Course topics to be announced. Prerequisite: written permission of professor.

*Three Hours Staff When Feasible*

360. *Ancient Art* — A study of the development of the arts from the early Mediterranean cultures to late antiquity. Pre-historic, Near Eastern, Egyptian, Aegean, Greek, Etruscan and Roman art and architecture will be surveyed with special attention to Greece and Rome. Prerequisite: Art 161, 162 or written permission of professor.

*Three Hours Wilson When Feasible*


*Three Hours Wilson When Feasible*

362. *Renaissance Art* — A study of the art and architecture of the 14th, 15th and 16th centuries in northern and southern Europe. Prerequisite: Art 161, 162 or written permission of professor.

*Three Hours Staff When Feasible*

363. *Dutch Art in the Golden Age of Rembrandt* — A study of the features of the art and architecture of Europe in the 17th and 18th centuries. Special focus is placed on the Dutch Baroque tradition. Prerequisite: Art 161, 162 or written permission of professor.

*Three Hours Wilson When Feasible*

364. *History of Modern Architecture* — The development of modern architectural forms in the nineteenth and twentieth centuries. Emphasis is given to evolution in Europe and the United States. Prerequisite: Art 161, 162 or written permission of professor.

*Three Hours Wilson When Feasible*
365. Introduction to the History of Modern Art — This course undertakes a selective treatment of an important and popular subject: 19th and 20th century tendencies in European art up to WW II. Consideration will be given to aspects of Romanticism, Realism, Impressionism, Post-Impressionism, Symbolist and Fantasy art of the turn of the century, Fauvism, Expressionism, Cubism, Dada and Surrealism. Prerequisite: Art 161, 162 or written permission of professor. Studio majors are strongly advised to take this course early in their art program.

Three Hours Mahsun Yearly

366. History of American Art — The history and development of the painting and sculpture of America from the seventeenth to the twentieth century. Special emphasis is given to historical, sociological, and cultural factors which have influenced the character and development of American art forms. Prerequisite: Art 161, 162 or written permission of professor.

Three Hours Wilson When Feasible

367. Non-Western Art — A brief survey of the arts of India, China and Japan. Prerequisite: Art 161, 162 or written permission of professor.

Three Hours Staff When Feasible

369. Contemporary Art Movements — A course in the development of current movements involving research and readings in Pop Art, Minimal Art, Kinetic Art, Happenings, Earthworks and Conceptual Art, with specific references to Dadaism, Surrealism and Abstract Expressionism. Prerequisite: Art 161, 162 or written permission of professor. Studio majors are strongly advised to take this course early in their art program.

Three Hours Mahsun When Feasible

374. 19th Century Painting and Sculpture — This is an advanced survey of nineteenth century painting and sculpture in Europe. In-depth treatment is given to the philosophical ideas and aesthetic values underlying the art movements, e.g., Neo-Classicism, Romanticism, Realism, Impressionism, which comprise the early Modern period. Connections with cultural, political and social developments of the period and the methodology of the discipline are emphasized. Prerequisite: 161, 162 or written permission of professor.

Three Hours Mahsun

378. African Art — A survey of the major art producing groups of sub-Saharan West Africa. Prerequisite: Art 161, 162 or written permission of professor.

Three Hours Staff When Feasible

Studio Art Courses

103. Basic Painting — A study of the elements of design through applied problems in painting. The course investigates two-dimensional design concepts. No prerequisite.

Three Hours Michel Both Semesters

104. Basic Sculpture — A study of the elements of design through applied three-dimensional problems in sculpture. The course investigates three-dimensional design concepts. No prerequisite.

Three Hours Mayer Both Semesters

108. Introduction to Environmental Design — This course is concerned with developing an awareness of the importance of design in everyday life and exploring the basic design principles as they relate to artificial environments. Various disciplines, such as interior design, architecture, graphic design and industrial design will be explored through slide lectures, studio problems and field trips. No prerequisite.

Three Hours Hillman Both Semesters
111. Basic Printmaking — A study of the techniques and procedures involved in using certain graphic media, such as etching, drypoint, and woodcut.

   *Three Hours McCombs Both Semesters*

121. Painting II — Experimentation with various painting media leading to the development of painting skills. Students work in a variety of concepts. Prerequisite: Art 103, Art 141 or written permission of instructor.

   *Three Hours Michel Both Semesters*

131. Sculpture II — An exploration of various sculpture materials and processes including direct metal, wood construction and mixed media. Specific assignments may vary from semester to semester. Prerequisite: Art 104 or written permission of instructor.

   *Three Hours Mayer Both Semesters*

141. Basic Drawing — A study of various drawing media and techniques such as pencil, pen and ink, charcoal and wash. The course investigates a variety of drawing approaches including the study of the structure and movements of the human figure. No prerequisite.

   *Three Hours Hillman, McCombs Both Semesters*

151. Basic Ceramics — Introduction to Ceramic processes; coil, slab and wheel work are focused on in utilitarian and sculptural modes. Raku, stoneware glazing and firing are explored. No prerequisite.

   *Three Hours Staff Both Semesters*

181. Watercolor — Traditional and contemporary approaches to water soluble painting exploring fundamental techniques and color theory through work with still lifes, figure studies, outdoor assignments, slide lectures and demonstrations. No prerequisite.

   *Three Hours McCombs Yearly*

201. Fundamentals of Photographic Art — 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.

   *Three Hours Nelson Yearly*

301. Developing Visual Awareness — Designed for the prospective art teacher, this course investigates the many facets of creative development from childhood to adulthood. Materials and techniques suitable for teaching and supervising art as a major subject are emphasized and methods of guiding and motivating creative expression K-12 are observed, discussed and practiced. Not open to students who have taken Art 340. No prerequisite.

   *Three Hours Staff When Feasible*

311. Printmaking II — Continuation of Art 111. May be repeated for credit with permission of instructor. Prerequisite: Art 111.

   *Three Hours McCombs Both Semesters*

321. Painting III — Continuation of Art 121. May be repeated for credit with written permission of the instructor. Prerequisite: Art 121.

   *Three Hours Michel Both Semesters*

331. Sculpture III — Individual experimentation in all sculptural media including oxyacetylene and arc welding, M.I.G. and T.I.G. welding and metal casting. May be repeated for credit with permission of instructor. Prerequisite: Art 131.

   *Three Hours Mayer Both Semesters*

340. Art for Elementary Education Students — The purpose of this course is to aid students in elementary education in developing a practical knowledge of art and exploring basic art principles and problems through creative studio work. Same as Education 340. No prerequisite.

   *Two Hours Staff When Feasible*
341. Drawing II — Continuation of Art 141. Experimentation in a wide variety of media is encouraged. May be repeated for credit with permission of the instructor. Prerequisite: Art 141.  
*Three Hours McCombs Yearly*

351. Ceramics II — Continuation of Art 151. Includes 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 151.  
*Three Hours Staff Both Semesters*

389. GLCA Arts Program — The Great Lakes Colleges Association Arts Program, presently based in New York City, involves the student in a full semester 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 hours within the department.  
*Sixteen Hours (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 written permission of the instructor.  
*Two or Three Hours Staff Both Semesters*

491. Independent Study in Art History — Independent study for advanced students with considerable background in art history, and who wish to study a particular aspect of the discipline. Independent research is emphasized. Under special circumstances, the course may be repeated for credit, subject to the approval of the department chairperson. Prerequisite: advanced standing and written permission of the instructor.  
*Two or Three Hours Wilson, Mahsun Both Semesters*
Faculty: Mr. Barney, Chairperson; Mr. Blankespoor, Mr. Brady, Ms. Burnatowska-Hledin, Mr. Cronkite, Mr. Evans, Mr. Gentile, Mr. Gerbens, Ms. Liao, Ms. McDonough, Mr. Murray, Mr. Netzly, Ms. Sydlik, Ms. Tverberg, 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 Biology Department offers all Hope College students an opportunity to participate in biology, either in depth as biology majors, or at some appropriate non-majors level. 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, or dental schools. Our success of placing students in those schools is outstanding. Other students go on to careers in the allied-health professions, industrial research and laboratory positions, conservation biology, and secondary education.

We give students the chance to learn biology in well-taught courses in a diverse curriculum, and we also provide students 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, coevolution of plants and fruit-eating birds, behavioral ecology of tropical birds, and the effect of habitat on the diversity of spiders.
- botanists are investigating chemical defense mechanisms, and classical and molecular plant systematics.
- physiologists are studying water relationships in animals by looking at temperature regulation and thirst in rats, volume regulation in ciliated protozoa, and the role of vasopressin receptors.
- geneticists and molecular biologists are studying environmental mutagenesis and carcinogenesis due to pesticides and other agricultural chemicals, receptor cloning, the utilization of bacteria for production of organic chemicals, lipid metabolism in yeast, and the action of calcitonin.
- zoologists are investigating the systematics of spiders, host-parasite relationships of trematodes, the contractile vacuole system of protozoa, and the migration of horseshoe crabs.

The department has well-equipped laboratories and a 55-acre nature preserve for both teaching and research, and a well-supplied library of books and current journals. Recently acquired additions to our capabilities include a computer lab for statistical analyses and simulation studies, diode array spectrophotometers, gamma and scintillation counters, a video image analysis system, a molecular biology laboratory, and facilities for plant and animal tissue culture and gene cloning and amplification.

Qualified students can spend a semester at the Oak Ridge National Laboratory, at a university abroad, or in an internship while pursuing their other studies at Hope College.

**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 Biology Department 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 hours of biology, including the 4 required biology courses, 1 semester of mathematics and 1 year of chemistry. The B.S. in biology requires completion of a minimum of 67 hours in the natural sciences. At least 36 of the 67 hours must be in biology and include the 4 required biology courses. Also required are Chemistry 111, 113, 114, 121, 221, 231 and 255; 2 semesters of mathematics; plus 8 hours from natural science departments other than biology and chemistry.

**Required courses:** Biology majors desiring either a B.A. or a B.S. must take Biology 150 (Biological Unity and Diversity) followed by Biology 240 (Cells and Genetics), Biology 260 (Organismal Biology), and Biology 280 (Ecology and Evolutionary Biology). The 3 required 200-level courses may be taken in any sequence.

**Important Considerations:**
1. Biology 150 and 240, 260 or 280 and Chemistry 111, 113, 114, 121 should be taken in the first year of college if possible.
2. The year of chemistry must include laboratory each semester. For most students the preferable chemistry sequence for the minimal requirement is Chemistry 111, 113, 114 and 121. Chemistry 101 and 102 will satisfy the chemistry requirement for some, but these are terminal courses and do not prepare a student for additional chemistry.
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.
4. Students planning to teach biology in secondary school must take at least 30 hours of biology.

**BIOLOGY MINOR:** The minimum requirement for a biology minor is 20 hours of biology including Biology 150, 240, 260, and 280, plus 4 more hours selected from other courses in the department. Students must maintain a minimum GPA of 2.0 in biology for the minor.

**NON-SCIENCE MAJORS:** The Department of Biology offers courses that are designed primarily for students who wish to satisfy the college science requirement with biology.

**Courses designed primarily for non-science majors:**

100. **General Biology** — A course that explores the various levels of biological organization from molecules and cells to populations and communities. Human-kind’s position in and its relationship to the biological world are a focal point. Three lectures and one 2-hour laboratory per week.

   *Four Hours Staff Both Semesters*

217. **Heredity and Evolution** — This course considers the mechanisms of inheritance of genetic traits and their evolutionary implications. Emphasis is upon human genetics and evolution. Two lectures per week.

   *Two Hours Brady Spring Semester*
Courses designed for science majors:

150. Biological Unity and Diversity — Living things display an enormous amount of diversity in structure and function. This course will sample that diversity, examine ways of analyzing it, and also view the underlying unifying characteristics of all living things. Emphasis will be on the study of the patterns which have emerged during the evolution of life. Three hours of lecture and one 3-hour lab per week.

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 recommended for biology majors, premedical or predental students, or for students intending to pursue advanced degrees in biology. Not open to students who have taken Biology 442.

222. Human Anatomy — A course where the human body is studied from histological and gross anatomical perspectives. Intended for students in the allied health field. Labs require dissections, microscope work, and use of computer programs. A student normally may not take both Human Anatomy and Comparative Anatomy for credit. Three lectures and one 3-hour lab period per week.

231. Biology of Microorganisms — 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 2-hour labs per week. Prerequisite: Biology 112, Chemistry 101, Chemistry 102 or permission of the instructor.

232. Comparative Anatomy of Vertebrates — An evolutionary study of the vertebrate body, emphasizing adaptations to aquatic and terrestrial habitats. Lab work includes a detailed study of vertebrate skeletons and extensive dissections of shark, amphibian, and mammalian specimens. A student normally may not take both Human Anatomy and Comparative Anatomy for credit. Three lectures and one 3-hour laboratory period per week. Prerequisite: Biology 111.

234. 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. Prerequisite: Biology 111.

237. 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 lab exercises and several field trips and 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. Prerequisite: Biology 111 and 112.

240. Cells and Genetics — 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 lab per week. Prerequisite: Biology 150 (Biological Unity and Diversity), or waiver exam for Biology 150, or Biology 222.
BIOLOGY

(Human Anatomy), or consent of the Chair of Biology. At least one semester of chemistry is highly recommended.  

Four Hours Staff Both Semesters

241. Plant Morphology — A comparative morphological study of the major plant groups from the algae through the vascular plants. Three lectures and one 3-hour laboratory per week. Prerequisite: Biology 111.  

Four Hours Netzly Fall Semester

251. Biology of Insects — The course is an introduction to the identification, structure, life cycle and behavior of insects. Field aspects will be stressed. Three lectures and two 2-hour laboratories per week. Prerequisites: Biology 111 and 112.  

Four Hours Blankespoor Fall Semester Even Years

260. Organismal Biology — An examination of the relationships between structure and function in organisms with a special emphasis of vascular plants and vertebrate animals. 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 4-hour lab per week. Prequisite: Biology 150 (Biological Unity and Diversity) or waiver exam.  

Four Hours Staff Spring Semester

270. Plant Pathology — A study of plants and their pathogens, pests and parasites; including current concepts of pathogenicity, natural host defense mechanisms and human control methods. Students will learn and perform isolation, culture, inoculation, diagnostic and aseptic techniques through investigative experiments both in the laboratory and outdoors. Three lectures and two 1.5-hour laboratories per week. Prerequisites: Biology 111, 112.  

Four Hours Netzly Fall Semester Even Years

280. Ecology and Evolutionary Biology — A broad overview of ecology and evolutionary biology, emphasizing the ways in which organisms interact with their physical and biological environments and how the results of such interactions drive the forces of evolution. Three lectures and one 3-hour lab per week. Prerequisite: Biology 150 (Biological Unity and Diversity) or waiver exam.  

Four Hours Staff Fall Semester

290. 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. 

One, Two, or Three Hours Staff Both Semesters

295. Studies in Biology — A lecture, laboratory or seminar class in a special topic of biology.

315. Principles of Ecology — The basic concepts of the interrelation of living organisms and their environment are studied. Three lecture periods and one 3-hour laboratory per week. Additional out-of-class hours are required. Prerequisites: Biology 111, 112, and Chemistry 221.  

Four Hours Murray, Winnett-Murray Fall 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 two 1.5-hour laboratories per week. Prerequisites: Biology 111 and Chemistry 221.  

Four Hours Netzly Spring Semester Even Years

340. Plant Anatomy — A study of plant cells and tissues, especially those of flowering plants. Laboratory includes slide study, tissue processing and microscope slide preparation. Two lectures and two 2-hour labs per week. Prerequisite: Biology 111.  

Four Hours Staff Spring Semester Odd Years
343. Vascular Plant Systematics — A study of the biology and evolutionary relationships of selected families of vascular plants; and the principles of plant classification. The laboratory will involve field work and concentrate on the local flora. Three lectures and one 3-hour lab per week. Additional out-of-class hours are required. Prerequisite: Biology 111.

Four Hours Evans Fall Semester Odd Years

348. Cell Biology — A study of cells at the molecular level. Topics covered include: structure and function of cell organelles, exchange of materials across the cell membrane, control of enzyme activity and biosynthesis, mechanisms of metabolic interconversions and energy conversions, response to radiations, and current concepts in the regulation of cell growth and differentiation. Three lectures and one 3-hour laboratory per week. Prerequisites: One year of Biology and Chemistry 221, or permission of instructor.

Four Hours Burnatowska-Hledin Fall Semester

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 two 3-hour laboratories per week. Prerequisites: Biology 111, 112, and one year of chemistry, or permission of instructor.

Five Hours Cronkite Spring Semester

356. Genetics — A course presenting the fundamentals of genetics in relation to general biological problems. Three lectures per week. The laboratory (1 credit hour) is optional and may be taken concurrent with the lecture portion or after the lecture portion is completed. Prerequisites: Biology 111, 112, and Chemistry 231.

Three Hours McDonough Fall Semester

357. Genetics Laboratory — The laboratory is optional and may be taken concurrently with the lecture portion or after the lecture portion is completed. Prerequisites: Biology 111, 112, 356, and Chemistry 231. Biology 356 may be taken concurrently.

One Hour McDonough Fall Semester

366. Molecular Biology — An advanced course which emphasizes basic molecular processes such as the synthesis of DNA, RNA and proteins as well as genetic phenomena in both prokaryotic and eukaryotic cells. Three lectures per week. The laboratory is optional and may be taken concurrently or after the lecture portion is completed. Prerequisite: Biology 356 or permission of the instructor.

Three Hours Staff Spring Semester

367. Molecular Biology Laboratory — This laboratory course introduces basic molecular biology experiments, including purification and characterization of recombinant DNA. Techniques include in vitro gene manipulation, mutagenesis of DNA, gel electrophoresis and Southern transfer and hybridization. Laboratory 3 hours twice a week. Discussion session 1 hour per week. Prerequisite: Chemistry 315 or permission of instructor. One Hour Staff Spring Semester (Second Half)

372. Biology of Animal Parasites — An introduction to identification, classification, structure, life cycles, pathogenicity and adaptations of animal parasites, especially those affecting humans and domestic animals. Two lectures and two 3-hour laboratories per week. Prerequisite: One year of biology.

Four Hours Blankespoor Fall Semester Odd 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
BIOLOGY

repeated for a maximum of 6 hours credit. Prerequisite: Permission of instructor. Variable Credit 1-3 Hours Staff May Term

385. Environmental Genetic Toxicology — This course deals with the biological consequences to humans of the chemical contamination of the environment. Topics cover principles and practices of toxicology and mutagenicity of a variety of chemicals such as drugs, heavy metals, pesticides and food additives. Alternate Years. Prerequisite: Biology 356, or Chemistry 311, or permission of instructor.

Three Hours Gentile Semester Varies

421. Evolutionary Biology — A study of current theories concerning the process of evolution and its mechanisms involving both micro and macro evolution. Current theories concerning human evolution are explored. Three lectures and one 3-hour laboratory/discussion per week. Prerequisite: One year of biology.

Four Hours Brady Fall Semester

442. Vertebrate Physiology — A study of the various organ systems of vertebrates with particular emphasis on their integration to maintain homeostasis under different physiological conditions. Three lectures and two 3-hour laboratories per week. Prerequisites: Five semesters of biology or permission of instructor. Not open to students who have taken Biology 221.

Five Hours Barney Spring Semester Even 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. Requires permission of the instructor with whom the student will work.

Credit by Arrangement Staff Both Semesters

495. Advanced Topics in Biology

499. Internship — An opportunity to gain practical experience in the work place. Requires formal application and permission of the department chairperson.

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 other colleges and universities. 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. Not for credit. Assistants receive an hourly wage.
Faculty: Mr. Seymour, Chairperson; Ms. Bennett, Mr. Boyer, Ms. Burnatowska-Hledin*, Mr. Elrod, Mr. Mungall, Mr. Peaslee, Mr. Polik, Ms. Sanford, Mr. Silver, Ms. Stewart, Mr. Taylor, Mr. Williams.

The Chemistry Department 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 Chemistry Department 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) credit hours of science major chemistry courses, two semesters of physics with laboratory, and Calculus I and II. 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 study. The chemistry courses must include: Chemistry 111, 121, 221, 231; six (6) credit hours of laboratory courses (e.g., Chemistry 113, 114, 255, and 256); 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.

*Joint appointment with Biology Department
BACHELOR OF SCIENCE DEGREE AND THE A.C.S. CERTIFIED MAJOR IN CHEMISTRY — The B.S. degree in chemistry requires thirty-six (36) credit hours of science major chemistry courses and a total of sixty (60) credit hours 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 basic courses in chemistry, physics, and mathematics. Dependent on the student’s background in mathematics, General Physics 121 may be taken concurrently with Chemistry 111 in the freshman year or taken no later than the first semester of the sophomore year. College Physics 105, 106, 107 and 108 do not satisfy requirements for the B.S. degree.

The basic Chemistry, Mathematics, and Physics courses required for the B.S. degree and for the A.C.S. Certified Chemistry Major are:

<table>
<thead>
<tr>
<th>Chemistry Course</th>
<th>Mathematics Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem 111 (3) General Chem I</td>
<td>Math 131 Calc I</td>
</tr>
<tr>
<td>Chem 113 (1) Gen Chem Lab I</td>
<td>Math 132 Calc II</td>
</tr>
<tr>
<td>Chem 121 (3) General Chem II</td>
<td>Phys 121 Gen Phys I</td>
</tr>
<tr>
<td>Chem 114 (1) Gen Chem Lab II</td>
<td>Phys 141 Phys Lab I</td>
</tr>
<tr>
<td>Chem 221 (3) Organic Chem I</td>
<td>Phys 122 Gen Phys II</td>
</tr>
<tr>
<td>Chem 255 (2) Org Chem Lab I</td>
<td>Phys 142 Phys Lab II</td>
</tr>
<tr>
<td>Chem 231 (3) Organic Chem II</td>
<td></td>
</tr>
<tr>
<td>Chem 256 (2) Org Chem Lab II</td>
<td>Strongly Recommended Courses:</td>
</tr>
<tr>
<td>Chem 322 (3) Inorganic Chem</td>
<td>Math 231 Multivariable Math I</td>
</tr>
<tr>
<td>Chem 331 (2) Analytical Chem</td>
<td>Math 232 Multivariable Math II</td>
</tr>
<tr>
<td>Chem 332 (2) Analytical Chem Lab</td>
<td></td>
</tr>
<tr>
<td>Chem 343 (3) Physical Chem I</td>
<td></td>
</tr>
<tr>
<td>Chem 345 (2) Phys Chem Lab I</td>
<td></td>
</tr>
<tr>
<td>Chem 344 (3) Physical Chem II</td>
<td></td>
</tr>
<tr>
<td>Chem 346 (2) Phys Chem Lab II</td>
<td></td>
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</tbody>
</table>

In addition, for the B.S. degree, a student must complete one (1) additional credit hour of chemistry courses at the 300 or 400 level. Suggested advanced level courses are listed below.

For the A.C.S. Certified Chemistry Major with a B.S. degree, a student must complete six (6) additional credit hours of 300 or 400 level chemistry lecture courses and additional laboratory experience which must include Chem 315 or Chem 452 or Chem 490. With approval of the chairperson of the Chemistry Department, a chemistry-related, advanced level course from another natural science department 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:

<table>
<thead>
<tr>
<th>Chemistry Course</th>
<th>Mathematics Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem 311 (3) Biochemistry I</td>
<td>Chem 422 (3) Struct. Dynam. &amp; Syn. II</td>
</tr>
<tr>
<td>Chem 314 (3) Biochemistry II</td>
<td>Chem 452 (3) Chem Instrumentation</td>
</tr>
<tr>
<td>Chem 315 (1) Biochem Lab</td>
<td>Chem 490 (1, 2, 3) Research</td>
</tr>
<tr>
<td>Chem 421 (3) Struct. Dynam. &amp; Syn. I</td>
<td></td>
</tr>
</tbody>
</table>

For students planning to go to graduate school in chemistry it is essential to take Mathematics 231 and 232. Additional courses in physics, such as Physics 241, 242, 270, and courses in statistics and computer science, are highly recommended.

Premedical, predental 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 pages 304-305.
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 145-147), which include a 30-hour Education Department 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 should include Chemistry 322, 331, 332, 343 and additional upper-level courses to meet the 30-hour requirement. Chemistry 105 may count toward the 30-hour requirement.

Students interested in chemical engineering should consult with the chairperson of the Department of Chemistry or the pre-engineering advisor early in their undergraduate program. Several cooperative programs with engineering schools are available. See page 304 for further details.

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 — The A.C.S. certified B.S. degree with biochemistry emphasis consists of two components: (a) thirty credit hours of core courses in chemistry that includes general, organic, physical and analytical chemistry (see list above for B.S. in chemistry; note that Chem 322 (Inorganic) and Chem 346 (Phys. Chem. Lab II) are not required for the biochemistry degree) and (b) fourteen hours in biology/biochemistry courses to include Biology 240 (Cells and Genetics), Chem 311 (Biochemistry I), Chem 314 (Biochemistry II), Chem 315 (Biochemistry Lab) and one semester of advanced biology. The advanced biology course may be Biology 356 (Genetics), Biology 366 (Molecular Biology), or Biology/Chemistry 490 (Biochemical Research). The foundation courses in math and physics listed above for the B.S. degree also are required.

CHEMISTRY MINOR

The requirement for a chemistry minor is twenty-one (21) credit hours of chemistry courses including: Chemistry 111, 113, 114, 121, 221, 255, 322, and five (5) additional credit hours of science major chemistry courses.

BIOCHEMISTRY MINOR

The requirement for a biochemistry minor is twenty-two (22) credit hours of chemistry courses including: Chemistry 111, 113, 114, 121, 221, 231, 255, 311 and 314.

COURSES DESIGNED PRIMARILY FOR STUDENTS NOT MAJORING IN ONE OF THE SCIENCES

101. Principles of Chemistry I — This course aims to develop an understanding of fundamental chemical principles and introductory descriptive inorganic chemistry. The course is designed for pre-nursing and all students who are not majoring in one of the sciences. It does not count toward a chemistry major. Lecture, 3 hours per week; laboratory, one 3-hour session per week.

Four Hours Taylor, Staff Fall Semester

102. Principles of Chemistry II — This course is a continuation of Chemistry 101. Introductory organic chemistry and biochemistry are emphasized. Lecture, 3 hours per week; laboratory, one 3-hour session per week. Prerequisite: Chemistry 101 or equivalent.

Four Hours Williams, Staff Spring Semester
105. Contemporary Chemistry — This course is intended to provide an understanding of the nature and scope of chemistry. It treats the development of chemical technology and the accompanying benefits and problems, including pollution, consumer products, and nuclear chemistry. Lecture, 2 hours per week.
   Two Hours Williams Both Semesters

246. Chemistry for Elementary Teachers — This course is designed to introduce the prospective elementary school teacher to chemical sciences appropriate to elementary education. An understanding of the properties of materials and the nature of chemical change in terms of atomic and molecular behavior is stressed. Laboratory involves experiments that are applicable for teaching elementary pupils. This course is open only to prospective elementary teachers. Two 2-hour sessions per week of combined lecture and laboratory.
   Two and One-Half Hours Seymour 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 Hours Elrod, Peaslee, Stewart, Williams Fall Semester

113. Laboratory of General and Analytical Chemistry I — This course provides an introduction to techniques and laboratory procedures. Topics include inorganic synthesis, volumetric analysis, potentiometric titration, colorimetry, spectroscopy, colligative properties, gas laws, and computerized data collection and analysis. Laboratory, one 3-hour session per week. Corequisite: Chemistry 111.
   One Hour Staff Fall Semester

114. Laboratory of General and Analytical Chemistry II — This is a continuation of Chemistry 113 including qualitative analysis, calorimetry, study of reaction rates by spectrophotometry, determination of acid dissociation constants, electrochemistry and the Nernst equation. Laboratory, one 3-hour session per week. Corequisite: Chemistry 121.
   One hour 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 Hours Staff, Williams 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 Hours Silver, Mungall 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, 3 hours per week; discussion session, 1 hour per week. Prerequisite: a grade of C- or better in Chemistry 221.
   Three Hours Taylor, Sanford 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. Corequisite: Chem 221. Prerequisite: Chemistry 121.

Two Hours Bennett, Mungall, Sanford, Silver, Taylor 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. Corequisite: Chem 231. Prerequisites: Chemistry 221 and 255.

One or Two Hours Bennett, Mungall, Sanford, Taylor Spring Semester

295. Studies in Chemistry — A lecture and/or laboratory course in a chemical area of current interest.

Three Hours Staff Both Semesters

311. Biochemistry I — The biochemistry of proteins, carbohydrates, lipids, enzymes, coenzymes, and nucleic acids is discussed together with the important metabolic pathways. Lecture, 3 hours per week. Prerequisite: a grade of C- or better in Chemistry 231.

Three Hours Boyer Fall Semester

314. Biochemistry II — The course is a continuation of Chemistry 311 with emphasis on biosynthetic pathways, regulatory processes, transfer of genetic information, and recombinant DNA. Lecture, 3 hours per week. Prerequisite: a grade of C- or better in Chemistry 311.

Three Hours Burnatowska-Hledin Spring Semester

315. Biochemistry Laboratory — This laboratory course introduces general biochemistry molecular experiments including characterization of amino acids, carbohydrates, proteins, nucleic acids, and lipids; N-terminal analysis of proteins; enzyme kinetics, and purification and characterization of DNA; and lipid analysis. Techniques include chromatography, electrophoresis and spectrophotometry. Laboratory, one 5-hour session per week; discussion session, 1 hour per week. This course is offered during the first half of the spring semester. Prerequisite: Chemistry 311.

One Hour Boyer 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 231.

Three Hours Stewart 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, 2 hours per week. Prerequisites: Chemistry 114, 121, and Physics 122 or 132. Corequisite: Chemistry 332.

Two Hours Seymour 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, and data handling. Methods of analysis include standard volumetric procedures, UV/VIS spectroscopy, atomic absorption, ion selective electrodes and HPLC. Extensive data analysis using spreadsheets. Laboratory, one 5-hour session per week; discussion session, one hour per week. Corequisite: Chemistry 331. Chemistry 331 and 332 must be taken during the same semester.

Two Hours Seymour, Stewart Fall Semester

343. Physical Chemistry I — Emphasis is placed on a study of the thermal properties of matter. The way in which temperature, pressure, volume and chemical
composition determine the state of chemical equilibrium, and the rate at which equilibrium is attained are studied. An understanding of these effects in terms of molecular behavior is stressed. Lecture, 3 hours per week; discussion session, 1 hour per week. Prerequisites: Chemistry 121, Mathematics 132 and Physics 122. Mathematics 231 is strongly recommended.

Three Hours Elrod 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 Hours Elrod Spring Semester

345. Physical Chemistry Laboratory I — Laboratory experiments provide an introduction to modern laboratory techniques used in physical chemistry. The work stresses the use of instrumentation, vacuum techniques, glass blowing, kinetics, and thermochemistry in obtaining accurate data from chemical systems. Laboratory, one 4-hour session per week; discussion session, 1 hour per week. Corequisite: Chemistry 343.

Two Hours Polik Fall Semester

346. Physical Chemistry Laboratory II — Molecular structure and interactions are studied using nuclear magnetic resonance, Fourier transform infrared, ultraviolet-visible, fluorescence, and laser spectroscopy. Laboratory, one 3-hour session per week; discussion session, 1 hour per week. Corequisite: Chemistry 344.

Two Hours Polik, Peaslee Spring Semester

421. Structure, Dynamics and Synthesis I — Lectures cover organometallic chemistry, organic syntheses, and selected topics in advanced inorganic chemistry. Lecture, 3 hours per week. Prerequisites: Chemistry 231 and 344.

Three Hours Sanford, Silver Fall Semester

422. Structure, Dynamics, and Synthesis II — This course provides an integrated discussion of advanced topics in chemistry. Topics include molecular symmetry and group theory, computational chemistry, and molecular orbital theory. Lecture, 3 hours per week. Prerequisites: Chemistry 231, 322 and 344.

Three Hours Polik Spring Semester

452. Chemical Instrumentation — Selected instrumental techniques useful in chemistry are discussed in terms of the general principles that guide the present rapid development in chemical instrumentation. Topics include separation techniques, electrochemical methods, optical and X-ray spectroscopy, mass spectroscopy, and nuclear magnetic resonance spectroscopy, as well as discussion of papers from the current literature. Lecture, 2 hours per week; laboratory, one 3-hour session per week. Prerequisites: Chemistry 231, 331, 332, and 345.

Three Hours Seymour Spring Semester Even Years

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. Students should contact faculty or department chairperson to arrange for research with a faculty member.

One, Two or Three Hours Staff Both Semesters

700. Recent Advances in Chemistry — Stresses recent developments and modern techniques in various areas of chemistry. For local area chemists. Course not open to undergraduate students at Hope College.

Six Hours (Maximum) Staff
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 150).
Faculty: Mr. Herrick*, Chairperson; Mr. Nielsen, Acting Chairperson Fall Semester; Mr. Boudreau, Ms. DeWitt-Brinks, Ms. Johnston, Mr. MacDoniels.

In 1987, the Hope College Department of Communication 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. In 1995 the department was recognized as one of the two outstanding small college departments of communication in the nation by the Speech Communication Association. The department seeks students interested in improving their communication knowledge and effectiveness.

Communication knowledge and skill are essential for success and full participation in a democratic, complex, and rapidly changing society. Communication competence is crucial to several of the learning goals in management education cited by Robert Hahn (1982) in the “National Report for Training and Development”:

• ability to interact easily and productively with others;
• ability to think critically;
• ability to communicate ideas;
• ability to balance conflicting viewpoints; and,
• tolerance and trust in relations with others.

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 (including journalism and public relations) and electronically mediated mass contexts.

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, closed-circuit television, public relations, human resource development, and government often stem from opportunities provided to communication majors. The 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 three hours of the core curriculum social science requirement. The course satisfies this requirement by helping the student understand the societal influences on the human communication process and by sensitizing the student to major patterns of behavior recognizable in diverse communication contexts. (Performance oriented communication activities help students apply these understandings in making more effective communication choices.)

COMMUNICATION MAJOR — The communication major curriculum is designed to provide a balanced education emphasizing theoretic understanding and skill development across all significant communication contexts. A student would most likely enter the program through any one of four introductory courses (101, 140, 151, 160). It is assumed that majors will progress through the course offerings

*Sabbatical Leave, Fall Semester 1997
COMMUNICATION

in somewhat chronological fashion, with exceptions where skill and theoretic understanding warrant departure from prescribed course sequencing.

A communication major may be obtained by completing 33 hours in the Communication Department according to the following criteria:

<table>
<thead>
<tr>
<th>Required: Introduction to the Communication Process (101)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Presentations (140)</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Mass Communication (151)</td>
<td>3</td>
</tr>
<tr>
<td>Analytic Skills in Communication (160)</td>
<td>3</td>
</tr>
<tr>
<td>One course from among:</td>
<td></td>
</tr>
<tr>
<td>Interpersonal Communication (210)</td>
<td></td>
</tr>
<tr>
<td>Task Group Leadership (220)</td>
<td></td>
</tr>
<tr>
<td>Advanced Analytic Skills in Communication (261)</td>
<td></td>
</tr>
</tbody>
</table>

| One course from among:                                  |   |
| Methods of Social Research (SOC 262)                    |   |
| Research Methods (PSY 200)                              |   |
| Research Methods (SSR 295)                              | 3 |

| One additional three-hour course at COM 200 level        |   |
| (COM 241-COM 295)                                       |   |

| Electives: 12 hours above the 300 level including 451, 460 or 463 | 12 |

COMMUNICATION MINOR — A minor in communication may be obtained by taking at least 21 hours of communication courses in one of several areas: Business/Organizational Communication, Communication and Mass Media, Communication and Social Influence (recommended for preseminary and prelaw students) and Communication in Interpersonal Relations. Minors are defined by these options:

**OPTION A — BUSINESS/ORGANIZATIONAL COMMUNICATION**
- Introduction to Communication Process (101)
- Public Presentation (140)
- Analytic Skills in Communication (160)
- Task Group Leadership (220)
- Print Media I (255) or Media Production I (251)
- Small Group Communication (320)
- Organizational Communication (330)

**OPTION B — COMMUNICATION IN MASS MEDIA**
- Introduction to Communication Process (101)
- Introduction to Mass Communication (151)
- Analytic Skills in Communication (160)
- Media Production I (251)
- Print Media I (255) or Media Production II (352)
- Media Production III (353) or Print Media II (356)
- Mass Communication Theory and Criticism (451)

**OPTION C — COMMUNICATION AND SOCIAL INFLUENCE**
- (recommended for preseminary and prelaw students)
- Introduction to Communication Process (101)
- Public Presentations (140)
- Analytic Skills In Communication (160)
- Task Group Leadership (220)
- Advanced Analytic Skills in Communication (261) or Persuasion (295)
COMMUNICATION

Theory and Criticism of Rhetoric (463)
Plus three elective hours

OPTION D — COMMUNICATION IN INTERPERSONAL RELATIONS
Introduction to Communication Process (101)
Introduction to Mass Communication (151)
Analytic Skills in Communication (160)
Interpersonal Communication (210)
Task Group Leadership (220)
Small Group Communication (320)
Organizational Communication (330) or Communication Theory (460)

OPTION E — COMMUNICATION FOR SECONDARY TEACHING CERTIFICATION

To be recommended for approval for student teaching in speech communication, a student must have at least a 2.25 overall GPA and at least a 2.50 GPA in the following courses.

Before the student can teach in a speech communication placement, or any combination placement in which speech communication is a part, she/he must have completed all of the required coursework listed below. It is strongly recommended that the student have participated in at least two of the activities listed below before student teaching.

Coursework: (23 hours)
Comm 101 Introduction to Communication Process
Comm 140 Public Presentations
Comm 151 Introduction to Mass Communication
Comm 160 Analytic Skills in Communication
Comm 210 Interpersonal Communication
Comm 220 Task Group Leadership
Comm 388 Teaching of Speech Communication

One of the following:
Comm 251 Media Production I (Radio and Television)
Comm 255 Print Media I (Journalism)
Thea 101 Introduction to the Theatre
Thea 105 Introduction to Theatre Practice
Thea 130 Oral Interpretation of Literature

*A student may replace Comm 140 with Comm 241 (Advanced Public Presentations) upon demonstration of understanding and skill in public speaking. This option is encouraged for students who have had high school and/or college forensics and/or debate experience. Activities: Before graduation, the student must complete at least one semester's experience in three of the following activities:
journalism: the Anchor, Milestone, Opus, or Print Media II (Comm 356)
media: WTHS, TV media production (Media Production II, Comm 352, or Media Production III, Comm 353)
theatre: performance or technical theatre

101. Introduction to Communication Process — This course introduces three major research perspectives on human communication: rhetorical, scientific, and interpretive. Historical and theoretical connections among the three perspectives are explored. Readings, exercises, and assignments are designed to assist a fuller understanding of the complex communication process.

Three Hours MacDoniels, Johnston Both Semesters
140. Public Presentations — This course introduces the student to the theory and practice of public speaking. Topics covered include methods of organizing a speech, delivery, the types and uses of evidence, and the effective use of visual aids. Students prepare and deliver several speeches including an informative speech, a persuasive speech and occasional speech, and a career simulation.

   Three Hours DeWitt-Brinks, Pocock  Both Semesters

151. Introduction to Mass Communication — An analysis of the forms and purposes of mass communication. The course focuses on the organization, structure, management and unique characteristics of the broadcast, print and film media.

   Three Hours Nielsen  Both Semesters

160. Analytic Skills in Communication — This course covers the types of reasoning commonly employed in argumentative discourse. The student learns how to identify these types, employ them in argument, and the refutations to which each is susceptible. Analysis of sample arguments is stressed.

   Three Hours Herrick  Both Semesters

210. Communication in Interpersonal Relations — A systematic analysis of the process of communication in the development and maintenance of interpersonal relationships. The developing and ongoing interpersonal relations of members of the class will be considered through theories of interpersonal communication. Prerequisite: Communication 101 recommended.

   Three Hours Johnston, MacDoniels  Occasionally

220. Task Group Leadership — This course will focus on the small task group with particular attention given to the communication skills of successful leaders. Problem-solving methods and communication skills related to productive input and task efforts, skills necessary to plan, chair and manage the activities of the task group along with training in parliamentary skills will be emphasized. Prerequisite: Communication 101 recommended.

   Three Hours MacDoniels  Both Semesters

241. Advanced Presentations — This course is designed for students who wish to continue their study and practice of public oral presentation. Students will prepare and present extended informative, persuasive and analytical speeches on contemporary topics, grounded in rhetorical theory and research. Students will study and practice impromptu speaking skill development. A major unit of the course will involve study and practice of argumentation within the context of an academic debate structure.

   Three Hours Staff  Occasionally

251. Media Production I: Radio and Television — Investigation, participation and criticism of the production process in Radio and Television Broadcasting (Commercial, Educational and Instructional). This course is a first taste of the process of communication by the electronic media, designed to be relevant for those utilizing sound and picture for professional purposes as well as for those interested in media as an adjunct to other interest areas. Course structure includes lecture/discussion plus individual production labs.

   Three Hours Nielsen  Both Semesters

255. Print Media I (Journalism) — Students will learn why print media messages are prepared in specific ways for both journalistic and public relations purposes. Practice in the forms of simple news stories and news collection and copy processing techniques. Prerequisite: English 113 recommended.

   Three Hours Boudreau  Fall Semester

257. Communication for Public Relations — An introduction to communication between corporations, smaller businesses, non-profit organizations and government and human service agencies and their internal and external publics, with
particular attention to the uses of media. The course simulates public relations and management situations using case studies.  

**Three Hours Staff Once a Year**

259. Media Projects — Under faculty direction, the student will develop and apply publishing/production methods in preparation of newspapers, newsletters, brochures, print advertisements, audio or video materials or other print or electronic media projects.

**One Hour Nielsen Both Semesters**

261. Advanced Analytic Skills in Communication — This course is designed to follow Communication 160, Analytic Skills in Communication. Construction and presentation of arguments in persuasive messages is emphasized. The theory of argumentation is also developed. Prerequisites: Communication 140 and Communication 160.

**Three Hours Herrick Spring Semester**

320. Small Group Communication — An investigation of current theory and research into the communication processes in small, task-oriented groups. Emphasis is on the interactional dynamics, the problem-solving and decision-making processes, the stages of group development, and the relationship of the individual to the group. Such issues as personality factors and leadership dynamics are also explored. Students will read, report and critique current small group communication research and engage in a research project. Prerequisites: Communication 220 required, Research Methods recommended.

**Three Hours MacDoniels Spring Semester**

330. Organizational Communication — This course is designed to provide students with an understanding of communication processes within the context of a complex planned, deliberately structured, goal directed and culturally unique social system. Course considers how communication practices define organizational structures and how organizational members use communication processes to achieve both personal goals and the goals of the organization. Students will participate in several methods of describing communication processes in organizations including survey, interview and content analysis. Prerequisites: Communication 101, Communication 220 and Research Methods, or permission of the instructor.

**Three Hours MacDoniels Fall Semester**

350. Issues in Mass Media — An examination of the relative effects of the several communication media on society. Study focuses on the relevant controversies surrounding the print and broadcast media, the formation of individual attitudes and public opinion, and the research evidence reflecting the degree of media influence. Students will engage in individual research projects. Prerequisite: two prior courses in mass communication or permission of instructor.

**Three Hours Boudreau Fall Semester**

352. Media Production II — Advanced experiences in studio television production. Focus will be on the creation of media formats in the student's interest area, techniques of television program direction and analysis and critique of current commercial and educational programming forms. Emphasis is given to the importance of viable content development prior to integration with media communication processes. Class members will produce programming for MOSAIC television series. Prerequisite: Communication 251, or permission of instructor.

**Three Hours Nielsen Spring Semester**

353. Media Production III — Advanced experiences in electronic field production/film technique for broadcast, closed-circuit and cable television. Focus on location/studio shooting and editing of videotape film materials. Class members will function
as producers/directors/camera operators/editors for projects. Prerequisite: Communication 251, or permission of instructor. **Three Hours Nielsen Fall Semester**

**356. Print Media II (Journalism)** — Advanced study of the process of communicating via print media by participating in the development and publication of complex stories, including features. Electronic publishing methods will introduce page design and photo-editing. Students will be encouraged to develop a specialty like sports, science or cultural reporting, public relations, or community journalism. Prerequisite: Communication 255, or equivalent.

**Three Hours Boudreau Spring Semester**

**357. Broadcast News and Documentary Production** — An investigation of the news and formation function of the broadcast media. Experience in preparation, production and presentation of television news and documentary formats. Students will produce THURSDAY JOURNAL for local cablevision. The purpose is to train students in gathering and processing nonfiction material for broadcast, create awareness of the process by which television creates a view of the world and understand the impact of news and documentary formats on audiences. Prerequisite: Communication 251 or permission of instructor.

**Three Hours Nielsen Spring Semester**

**359. Print Media III** — Students will learn the editor's role in relation to clients, writers, art directors, photographers, readers and publishers in order to manage the computer-assisted production process for print media. Design, copy-editing and photo-editing principles and legal and ethical responsibilities will be studied.

**Three Hours Boudreau Occasionally**

**388. The Teaching of Speech-Communication** — An explanation of the materials, methods and procedures essential in planning, structuring, and conducting curricular and co-curricular speech-communication activities in the school. Emphasis is focused on text evaluation, innovative classroom methods, assignment preparation and evaluative criteria. Same as Education 388. Should be taken concurrently with Education 360, Secondary Principles and Methods. Prerequisite: a major or minor in communication.

**Three Hours Staff Once Every Two Years**

**390. Advanced Studies in Communication** — A lecture, seminar or intern program in a special topic of the discipline offered for majors in the department.

**One to Three Hours Staff Both Semesters**

**395. Persuasion** — This course provides a comprehensive view of persuasion by analyzing how persuasion operates at both an interpersonal and a social level. We will study the process of persuasion in many different contexts, including: advertising, interpersonal interactions, mass media, popular culture, and legal, political and social systems. Prerequisite: Communication 210 recommended.

**Three Hours Johnston Both Semesters**

**399. Communication Internship** — Student interns are assigned to organizations, agencies or communication media industries to observe, assist, assume regular duties, or engage in special projects under the supervision of skilled professionals. Students are generally not paid and are expected to maintain approximately thirty hours of placement for each hour of credit. Prerequisite: permission of instructor.

**One, Two or Three Hours (may be repeated up to six hours) Johnston, MacDoniels, Nielsen Both Semesters**

**451. Mass Communication Theory and Criticism** — This seminar examines theories of mass communication and explores implications for criticism of media
performance, including ethical, humanistic and scientific approaches. Prerequisite: two prior courses in mass communication or permission of the instructor.

Three Hours Staff Fall Semester

460. Communication Theory — This course systematically reviews the major theoretical contributions to the field of communication studies. Attention is paid to diverse philosophical and theoretic influences in the development of communication theory. Students will review the theory and research in selected topic areas and present their findings in a major paper presented to the seminar group. Prerequisites: Communication 101, 160, 210 or 220, and research methods.

Four Hours Johnston Spring Semester

463. Theory and Criticism of Rhetoric — This course surveys the major theories of rhetoric from ancient times to the present. The critical implications of the theories are explored, with oral and written criticism of persuasive communication providing opportunities to put these implications to work. Among the rhetorical theories covered are those of Plato, Aristotle, George Campbell, Kenneth Burke, I. A. Richards, and Michel Foucault. Prerequisite: Communication 160.

Three Hours Herrick Fall Semester

490. Independent Studies in Communication — A program permitting advanced students in Communication an opportunity to broaden their perspectives or intensify study in a communication area of unique interest. Eligibility requirements for the program are: senior standing (or approval), approved topic area, written proposal following format prescribed by department and presented at time of registration to chairperson and instructor, and final departmental approval of proposal. Prerequisite: approval.

One, Two or Three Hours Johnston, MacDoniels, Nielsen Both Semesters

495. Advanced Studies in Communication — A lecture, seminar or intern program in a special topic of the discipline offered for majors in the department.

One, Two or Three Hours Staff Both Semesters
Faculty: Mr. Dershem, Chairperson; Mr. Denelsbeck, Mr. Jipping, Mr. Stegink.

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 which includes the basic fundamentals of the field and which allows them 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 computer graphics, computational geometry, concurrent systems, programming languages, artificial intelligence, networking, and data communications.

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 35 powerful Sun workstations for classroom and research work. These systems provide a Unix environment, 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. The departmental network is also accessible from residence halls via direct network connection. Many microcomputers are available for use by students and faculty, and are located throughout the campus in dorms and labs. All students have access to electronic mail and the Internet.

THE COMPUTER SCIENCE MAJOR — The department offers major programs that emphasize problem solving and communications 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 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 analysis, computer design, process control, operations research, 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 which includes at least 30 hours of credit in computer science courses, not including 140. These 30 hours must include Computer Science 225, 283, 286, 480, and 488. Mathematics 131 and 132 are required in addition to the 30 hour computer science requirement.

The requirement for the B.S. degree in Computer Science is a plan of study approved by the department which includes at least 36 hours of credit in computer science courses, not including 140. These 36 hours must include Computer Science 225, 283, 286, 480, and 488. Physics 241 and 242 may be counted toward the 36 hour requirement. Mathematics 131, 132, and 310 are required in addition to the 36 hour computer science requirement. A total of 60 hours of classes in the natural sciences must be completed. Mathematics and computer science courses count toward this 60 hour requirement.
The requirement for a computer science major for education certification is at least 30 hours of computer science including 120, 140, 225, 283, 286, and 700.

**COMPUTER SCIENCE MINOR** — A minor in computer science consists of a minimum of 18 hours of computer science credit, six hours of which must be numbered 300 or higher.

The requirements for a computer science minor for education certification include the following: a minimum of 21 hours of computer science credit, including 120, 140, 225, 283, 286, and 700.

**120. Introduction to Computer Science** — This is an introductory course and serves as a prerequisite for all computer science courses numbered 200 or higher. Emphasis is placed on problem solving techniques, programming skills, and program style and design. Students in this class gain extensive experience programming in a higher-level language. This course has a laboratory component.

*Four Hours Staff Both Semesters*

**140. Business Computing** — This course introduces students to the computing skills needed in the completion of the Business Administration major 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 Hours Staff Both Semesters*

**160. Scientific Computer Programming** — An introduction to computers, FORTRAN and C programming, and methods of scientific problem solving and data reduction under timesharing and batch modes of operation. Techniques in least squares fitting, sorting, transcendental equations solving, and the Monte Carlo method will be introduced. Features of the operating system, utility processors, and file management will be included. Corequisite: Mathematics 131. This course is the same as Physics 160.

*Three Hours 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 C++ programming language and the Unix operating system on state-of-the-art workstations. This course has a laboratory component. Prerequisite: Computer Science 120 or equivalent.

*Four Hours Staff Both Semesters*


*Three Hours Staff Spring Semester*

**286. Introduction to Data Structures** — Data structures and their representations; data abstraction, internal representation, sets, stacks, queues, trees, graphs, and their applications. Prerequisite: Computer Science 225.

*Three Hours Staff Fall Semester*

**295. Studies in Computer Science** — A course offered in response to student interest and need. Deals with topics in computer science which are not included in regular courses.

*One, Two or Three Hours Staff*

Three Hours Staff Fall Semester

340. Computer Graphics — An introduction to the concepts, techniques, algorithms, and data structures used in computer graphics and their implementation in programming. Topics include graphics hardware, transformations, clipping, windowing, polygon filling, perspective, hidden lines and surfaces, color, shading, and ray tracing. Projects involve a wide variety of application areas. Programming is done in C on color graphics workstations. Prerequisite: Computer Science 225. Alternate years, 1998-99.

Three Hours Stegink Spring Semester


Three Hours Jipping Fall Semester

374. Parallel and Distributed Computing — An introduction to concepts, methods, and algorithms of parallel computing. Hardware and software concepts are discussed. The student will understand basic concepts about parallelism and concurrency and will be able to program using these concepts. The student will gain experience with several concurrent programming environments as well as parallel algorithms, and will program on specialized hardware as well as general purpose workstations. Prerequisite: Computer Science 286. Alternate years, 1997-98.

Three Hours Staff Spring Semester


Three Hours Dershem Fall Semester

386. Algorithms — Analysis and implementation of algorithms. Study of algorithms for arithmetic, sorting, string processing, geometry and graphics. Other topics include algorithm machines, dynamic programming, and NP-completeness. Prerequisite: Computer Science 286. Alternate years, 1997-98.

Three Hours Dershem Fall Semester

390. Database Management Systems — Detailed study of the fundamentals of database technology to establish the vocabulary and processing methods of the subject. Practical database models. Applications of database systems in business organizations. Management considerations for effective implementation of database systems. Case studies, written reports, and programming exercises will be employed to develop relevant knowledge. Prerequisite: Computer Science 286. Alternate years, 1997-98.

Three Hours Staff Spring Semester

480. Senior Project Seminar — Principles of software engineering and project design. Each student will also complete a major software or research project, either individually or as a part of a team. This course is required of all computer science majors. Prerequisite: Computer Science 286 and Senior status.

Three Hours Staff Fall Semester
488. **Theoretical Computer Science** — Basic theoretical principles of computer science including automata, context free grammars, Turing machines, Church's Thesis, and unsolvability. A mathematical approach will be taken including proofs and derivations. Prerequisite: Computer Science 286.

*Three Hours Staff Spring 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, or Three Hours 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.

*Three Hours Stegink*

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, networks and data communications, object-oriented programming 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.

*Three Hours Staff*


*Four Hours Staff*
Faculty: Ms. DeBruyn, Chairperson; Ms. Filips, Ms. Graham, Mr. Iannacone, Ms. McIlhargey, Mr. Rivera. Assisting Faculty: Mr. Aschbrenner, Ms. Bombe, Ms. Irwin, Mr. Landes, Mr. Smith, and Guest Faculty.

The Dance Department is certified by the National Association of Schools of Dance.

The dance program follows Hope's philosophy of liberal arts education by providing opportunities for students' intellectual, artistic, and physical development. Hope's diverse resident and guest faculty, fine studios and performance facilities, performance and teaching opportunities and curriculum, divided among modern, 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 and private school programs K-12
- professional dancers in New York City and other key cities
- students in professional company schools in major dance centers
- managers for dance companies
- directors of dance for recreational and fitness centers
- dance therapists
- dance historians

Freshmen considering a dance major should meet with the department chairperson early in the year in order to plan their curriculum. All freshmen considering a dance major are encouraged to complete as much of the core curriculum as possible during their freshman year.

Please note that all level II and III technique courses may be repeated for credit.

CORE COURSES: The following core courses are recommended for all dance students:
- Biology 112 for dual majors in psychology, biology (pre-med), and engineering
- IDS 101 for fulfillment of Fine Arts requirement
- Three hours of dance technique at levels I and II, or any three-credit course from theatre, music or visual art

DANCE MAJOR OPTIONS — The Dance Department offers the following options:
- Dance performance/choreography is a 58.5 credit major in dance
- Dance education is a 32.5 credit major in dance, plus education requirements for meeting the requirements for teacher certification from the Michigan Department of Education. Students majoring in dance education must contact the Education Department and Dance Department for counseling.
- 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 Dance Department chairperson.
- Dance medicine consists of a 43.5 credit dance major and fulfillment of the pre-medicine requirements. See Dance Department chairperson for additional information.
- Dance engineering is a dual major of 36 credits in engineering and 43.5 credits in dance. See Dance Department chairperson for additional information.

Anyone wanting to major in one of the above five areas should get a course requirement sheet from the department chairperson.
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 one musical theatre production, two annual dance concerts, and perform or produce at least two choreographed pieces for the student concerts. One teaching assistantship in a Technique I class as a junior or senior is also required.

**DANCE MINOR** — The dance minor consists of a minimum of 20 credit hours divided between technique and theory.

**Required Technique Courses:** Modern I and II (106/126), Jazz I and II (116/117), Ballet Novice (203), Folk, Square, and Social Dance (110) and Period Dance (114).

**Recommended Technique Course:** Tap I (118)

**Required Theory Courses:** Eurhythmics (201), Anatomical Kinesiology (221), Dance Improvisation (300), Dance Composition (305), Teaching of Dance (315), and Dance History Survey (316).

**Recommended Theory Courses:** Makeup Design and Techniques (215), Lighting Design (223), Costume Design (224), Dance Repertory (301), Creative Dance for Children (310), and Adagio (412). The minimum expectation is that the dance minor will participate in college dance activities for at least two semesters, including auditions of performances and a mini-teaching assignment.

**Teacher Certification** has been available since 1975. Certification is for grades K-12. Students must meet all requirements of the Education Department.

### COURSE OFFERINGS

**106. Modern Dance I Beginning** — Education in body movement through dance techniques designed to teach an understanding of rhythm and relaxation and a presentation of basic movement problems. *One Hour DeBruyn Both Semesters*

**106. Modern Dance I Advanced** — A continuation of Modern I Beginning designed for the student with at least one semester of modern. Purpose of this course is to develop additional technique and basic principles. *One Hour DeBruyn Both Semesters*

**110. Folk, Square, and Social Dance** — An introduction to folk, square, and social dance techniques. Special emphasis will be placed on the cultural aspects of the development of these types of dance. *One Hour Booker Spring Semester*

**114. Period Dance** — Research and execution of representative social dances from historical periods to present time. No prerequisites. *Two Hours Graham Fall Semester Even Years*

**116A. Jazz I Beginning** — 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 Hour McIlhargey Both Semesters*

**116B. Jazz I Advanced** — A continuation of Jazz I Beginning; 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.  

117A. Jazz II Beginning — A continuation of Jazz I Advanced; designed to prepare the student for dance composition and improvisation, with emphasis on improvement of technique, style, and performance.  

One Hour McIlhargey Both Semesters

117B. Jazz II Advanced — A continuation of Jazz II Beginning; 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 Hour Graham Both Semesters

118A. Tap I Beginning — An introduction to tap dance techniques, emphasizing the use of this dance form in theatrical performance.  

One Hour Filips Both Semesters

118B. Tap I Advanced — A continuation of Tap I Beginning with a more in-depth study of tap exercises. The exercises are designed to loosen the ankle/foot and to develop beginning combinations.  

One Hour Filips Both Semesters

119. Tap II — A continuation of Tap I Advanced, with emphasis on performance technique. Intermediate tap, barre, and center work, and a consideration of basic tap choreography. Course may be repeated for credit. One Hour Filips Both Semesters

126A. Modern Dance II Beginning — 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 Hour Iannacone, Rivera Both Semesters

126B. Modern Dance II Advanced — A continuation of Modern II Beginning, emphasis is placed on technique and repertory. Course may be repeated for credit.  

One Hour Iannacone, Rivera Both Semesters

130. Dance for Sport — A combination of movements through dance technique that the athlete can use in sport, isolating rhythm, energy, and spatial awareness to enhance his/her movement ability.  

One Hour DeBruyn Spring Semester

201. Eurhythmics — A course designed to aid the student in discovering that rhythm is experienced physically as well as mathematically conceived. Linear and contrapuntal rhythm within the various metric forms is studied through physical motion to acquire the feel of rhythm.  

One-Half Hour Aschbrenner Both Semesters

203A. Ballet, Beginning Novice — A study of basic foot, arm, and body positions in ballet. Designed for the student with no previous training in any dance form. The student is introduced to the barre for fundamental ballet exercises, followed by center work and combinations of dance steps. One Hour Graham Both Semesters

203B. Ballet, Experienced Novice — A continuation of Ballet, Beginning Novice; designed for the student with at least one semester of ballet. The purpose of this course is to develop understanding of basic technique and principles.  

One Hour Graham Both Semesters

204A. Ballet, Beginning Intermediate — A continuation of Ballet, Experienced Novice; intermediate technique with barre and center work. Some consideration is given to anatomy and dance history as these subjects relate to ballet performance.  

One Hour Iannacone, Graham Both Semesters

204B. Ballet, Intermediate — A continuation of Ballet, Beginning Intermediate; intermediate and advanced technique; designed to further develop performance
skills. Emphasis is placed on technique and the importance of rhythm, dynamics, spiral awareness, and projection as means of creating variety in dance.

One Hour Graham Both Semesters

215. Makeup Design and Techniques — Study of the principles of makeup and hair fashion for the stage. Training in skills and techniques needed for understanding the design and application of straight, character, and fantasy makeup. Emphasis will be on facial anatomy, physiognomy, corrective makeup, skin textures, materials, modeling, analysis, special structures, ventilation of hairpieces.

Three Hours Bombe Spring Semester

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. Same as KIN 221.

Three Hours Irwin Both Semesters

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. Prerequisite: Theatre 210 and 211, or permission of the instructor.

Three Hours Landes Fall Semester Even Years

300. Dance Improvisation — 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. Prerequisites: Dance 106, 116, 117, 126.

One Hour DeBruyn 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 Hours Rivera Spring Semester

305. Dance Composition — An introductory course in the rhythmic structure of dance, including problems in line, design, dynamics, theme, and group choreography. Prerequisite: see department chairperson.

Two Hours DeBruyn Spring Semester Even Years

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 Hours DeBruyn Fall Semester

312. Dance Technique III — Advanced technique in the areas of ballet, modern, and jazz including an introduction to repertory. Prerequisites — two of the following: Modern II; Ballet, Intermediate; Jazz II.

Three Hours Rivera Spring Semester

315. Teaching Of Dance — Methods, principles and techniques in the teaching of dance, climax by a mini-assignment in the public schools, K-12. Open to majors and minors only.

Two Hours 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 ballet and dance in America.

*Three Hours  DeBruyn  Fall Semester Even Years*

### 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 Hours  DeBruyn  Fall Semester Odd Years*

### 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.

*Two Hours  Graham  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 Hour  DeBruyn  Spring Semester Even Years*

### 360. Dance Therapy — An introductory course in dance therapy exploring methods, concepts and techniques used by therapists today.

*Three Hours  Leventhal  Spring Semester Even 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 Hours  Eddy  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 Hours  Guest  May Term Even Years*

### 410. Dance Technique IV — An advanced course in technique. Prerequisite: majors only.

*Two Hours  Rivera  Spring Semester*

### 412. Adagio — An introduction to partnering techniques including lifts, turns, and sustained adagio work. Prerequisite: by permission of instructor only.

*One Hour  Iannacone  Fall Semester*

### 460. Dance Scholarship — 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 Hours  Graham  Spring Semester Even Years*

### 480. Dance Production — 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 Hours  Iannacone  Fall Semester*

### 490. Independent Study — Advanced research in dance history and other studies.

*Two-Three Hours  Staff  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-Three Hours  DeBruyn  Both Semesters*
Faculty: Mr. Heisler, Chairperson; Ms. Boyd*, Mr. Gentenaar, Mr. Gibson, Ms. Hendrix, Mr. Japinga, Ms. Klay**, Ms. Kruse, Mr. Lunn, Mr. Martin, Mr. Muiderman, Mr. Smith, Mr. Steen. Adjunct Faculty: Mr. Iverson, Mr. Zessin. Assisting Faculty: Ms. Kruse.

The Department of Economics and Business Administration seeks to prepare students with the professional skills and academic breadth necessary for leadership and service in the dynamic world of business and economics. Both theoretical and applied concepts of economics, accounting and business are stressed. Economic theory and quantitative skills serve as the cornerstone for advanced work in economics and management. Knowledge of mathematics, strong verbal 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 in Philadelphia, 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. produced market research and benefit/cost studies.
3. prepared employee personnel handbooks.
4. participated in a business consulting program with the local Chamber of Commerce.
5. prepared econometric forecasts for local businesses.

Courses in investments and business law are taught by assisting faculty members, who are full-time specialists in their respective fields.

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 thirty-three 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 an accounting major which includes 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, beginning in the year 2000, some states will require candidates to have earned 150 semester credit hours (5 years) prior to taking the exam. (Michigan is not currently one of those states.) These additional credit hours may be taken at either the graduate or undergraduate level, including here at Hope. In most cases, no additional accounting classes beyond those in our major would be required. Any student contemplating taking the C.P.A. exam in a state other than Michigan should confer with his/her advisor no later than the first semester of his/her junior year.

*Leave of Absence, Academic Year 1997-98
**Meiji Gakuin University Exchange Professor, Fall Semester 1997
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 thirty hours. 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 9 hours of electives in economics. It is also required that students take one semester of calculus and Mathematics 110. Students considering graduate work are strongly encouraged to take additional courses in mathematics. Courses in accounting and computer science are strongly recommended.

**BUSINESS ADMINISTRATION MAJOR** — A major in business administration consists of thirty hours in the department including nine hours of economics (Economics 211, 212 and either 311 or 312), Financial Accounting (Business 221), Managerial Accounting (Business 222), Principles of Management (Business 351), Principles of Finance (Business 371), Principles of Marketing (Business 331), a departmental seminar (Business 431, 441, 452, or 460), and three hours of department electives. In addition, Finite Mathematics (Mathematics 110) and one of the following communication skill courses are required: Communication 101, 140, 160, Theatre 161, 130, English 213, 214, 254, 255, or 256.

Students considering graduate work should take calculus. Work in computer science and advanced mathematics is strongly encouraged.

**ECONOMICS/BUSINESS ADMINISTRATION DOUBLE MAJOR** — The double major in Economics and Business Administration consists of forty-five hours in the department, eight hours of mathematics and two to three hours of communication skills. The following departmental 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 Economics Research Project (Economics 480), six hours of economics electives, Financial Accounting (Business 221), Managerial Accounting (Business 222), Principles of Marketing (Business 331), Principles of Management (Business 351), Principles of Finance (Business 371), and a departmental business seminar (Business 431, 441, 452 or 460). In addition, Finite Mathematics (Mathematics 110), one semester of calculus and one of the following communication skills courses are required. Communication 101, 140, 160, Theatre 161, 130, English 213, 214, 254, 255, 256. Work in computer science and advanced mathematics is strongly encouraged.

**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 fifty-one hours in the department including nine hours of economics (Economics 211 and 212 and either 311 or 312), Principles of Marketing (Business 331), Business Law I (Business 341), Principles of Management (Business 351), Principles of Finance (Business 371), and the following thirty hours of
accounting courses: Financial Accounting (Business 221), Managerial Accounting (Business 222), Intermediate Accounting I and II (Business 321 and 322), Accounting Information Systems (Business 333), Cost Accounting (Business 375), Auditing (Business 423), Federal Tax Accounting (Business 425), Advanced Accounting (Business 427) and Accounting Theory (Business 441). In addition, Finite Mathematics (Mathematics 110) and one of the following communication skills courses is required: Communication 101, 140, 160, Theatre 130, 161, English 213, 214, 254, 255 or 256.

BUSINESS ADMINISTRATION MINOR — The minor requirements for Business Administration consist of twenty-one hours of course work. Courses required are: Principles of Macroeconomics (Economics 211), Principles of Microeconomics (Economics 212), Principles of Management (Business 351), Principles of Marketing (Business 331), Principles of Finance (Business 371), Financial Accounting (Business 221), and an additional three-hour course in Business Administration.

ECONOMICS MINOR — The minor requirements for Economics consist of twenty-one hours 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 three additional three-hour courses in Economics.

BUSINESS ADMINISTRATION/FRENCH DOUBLE MAJOR — In addition to on-campus courses in French, Business Administration and Economics, students interested in a double major in Business Administration/French should consider a semester or full year in Dijon, the capital of French Burgundy. This program, administered by the Institute of European Studies, offers the following special features:

- One-semester study of European business management practices and international economics, offered in cooperation with l'Ecole Superieure de Commerce de Dijon, one of the leading business schools in France,
- Full-year option available to students with advanced French language skills,
- Courses available in both French and English,
- Housing available in French homes,
- Field trips to companies and historic locations in Burgundy and other areas of Europe,
- Selected internships available during the summer for students with advanced French language skills.

PROGRAM FOR NON-MAJORS — Students who are non-majors and have a desire to take a few courses that will enable them to understand the business process are encouraged to enroll in the following courses: Principles of Macroeconomics (Economics 211), Principles of Microeconomics (Economics 212), Financial Accounting (Business 221), Principles of Marketing (Business 331), and Principles of Finance (Business 371).

INTERNSHIPS — Internship programs which place students into professional relationships with managers in organizations (profit making firms as well as not-for-profit organizations) are available in major metropolitan centers in the U.S. as well as in the local western Michigan area. These internships are supervised and yield academic credit.
INTERNSHIPS IN SOCIAL RESPONSIBILITY — The objective of this program is to enable Accounting, Business Administration and Economics students to explore and strengthen their knowledge about the ways they can apply their skills in organizations that are serving human needs. Generally, a student works in the business department of a medical, educational, agricultural, developmental or religious organization. The locations typically would be Africa, the Middle East or Asia.

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

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, business administration, 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.

Three Hours Staff Both Semesters

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.

Three Hours Staff 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 Three Hours 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.

Three Hours Gentenaar

303. Comparative Economic Systems — Every economy has to accomplish certain basic tasks: determine what, where, how and how much is to be produced; allocate the aggregate amount of goods and services produced, distribute its material benefits among the members of society; and maintain economic relations with the outside world. The set of institutions established in any society to accomplish these tasks is its economic system. This course comprises a comparison of these institutions. Prerequisites: Economics 211 and 212.

Three Hours Heisler

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.

Three Hours Klay Spring Semester

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 212 and Mathematics 110, 210 or equivalent.

Three Hours Gentenaar 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. Three Hours Gentenaar Both Semesters

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. Three Hours Heisler, 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, 212, and Economics 311. Three Hours Klay

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 or Three Hours 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. Three Hours Klay Fall 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, 212 and 312. Three Hours Lunn

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. Prerequisites: Economics 211, 212 and 312; or permission of the instructor. Three Hours Steen

405. Managerial Economics — The application of microeconomic theory and quantitative methods to business decision-making problems. Topics covered in the course include demand estimation, empirical cost analysis, pricing policies, linear programming and optimization and decision-making in the presence of risk. Prerequisites: Economics 211, 212 and 312. Three Hours Staff

480. Senior Research Project — A capstone course required of all economics majors designed to develop advanced skills in economic research and writing. Assigned readings and seminar discussions provide an opportunity for enhanced understanding of the nature of economic analysis as a part of social scientific thinking and research. A major research paper is prepared in conjunction with a departmental faculty member. Prerequisites: Economics 306, 311 and 312; or permission of instructor. Three Hours Lunn Fall 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 or Three Hours 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 or Three Hours Staff Both Semesters

B — Business Administration

220. Quantitative Management — Decision-making techniques developed in the context of an information-decision system. Examination of quantitative methods used to develop decision models applicable to situations which lend themselves to numerical analysis. Prerequisite: Mathematics 110 or Mathematics 210.  
Three Hours Staff

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. Three hours of lecture and discussion.  
Three Hours Boyd, Hendrix 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. Three hours of lecture and discussion. Enrollment is limited to those receiving a passing grade in Business 221.  
Three Hours Hendrix, Martin Spring Semester

295. Studies in Business — A lecture or seminar class in a special topic of business for majors and non-majors in business. For example, Ethics and Accounting has been offered under this topic number. One, Two or Three Hours 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 sheet and the statement of cash flows, asset and liability recognition and measurement problems, and accounting for owners' equity. Prerequisites: Business 221 and 222. Enrollment in 322 is limited to those receiving a passing grade in 321. (321, Fall only; 322, Spring only).  
Six Hours Boyd, Hendrix

331. Principles of Marketing — The application of contemporary theories of the behavioral sciences, managerial economics, and managerial accounting to the marketing of products, services and ideas. Prerequisites: Economics 211 and 212.  
Three Hours Gibson, Japinga Both Semesters

332. Marketing Communications — Theories and practices of advertising sales management, promotion and public relations as they relate to the overall marketing program. Findings in communication theory: broad policy and strategy. Prerequisite: Business 331.  
Three Hours Staff

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: Business 222.  
Three Hours Martin Fall Semester
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 Hours Zessin Both Semesters

351. Principles of Management — Study of modern managerial principles and processes as usually associated with business but important also in the conduct of church, school and other organizations. Prerequisites: Economics 211 and 212, or consent of instructor.

Three Hours Muiderman Both Semesters

352. Human Resource Management — The analytical and applied approach to human resource management for potential human resource professionals, line management, or employees. Traditional personnel and labor relations topics are presented such as job analysis, recruiting, selection, training and evaluation. The diagnosis, evaluation, design, and implementation of personnel practices is included. Prerequisite: Business 351.

Three Hours Gibson Spring Semester

355. Investment Fundamentals — Analysis and appraisal of investment alternatives as found in real estate, bonds, and preferred and common stock with emphasis on arrangements and programs meeting needs of individual investors. Prerequisites: Economics 211 and 212 and Business 221 and 222.

Three Hours Iverson Both Semesters

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 locations in England.

Three Hours Heisler, Muiderman May Term

371. Principles of Finance — 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 the capital budgeting process, capital structure, and dividend policy. Prerequisites: Business 221 and Mathematics 110; Computer Science 140 recommended.

Three Hours Smith Both Semesters

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. Prerequisite: Business 222.

Three Hours Boyd Spring Semester

395. Advanced Studies in Business — A lecture or seminar in a special topic in advanced business or accounting. For example, Operations Management has recently been offered under this number. Prerequisite: approval of the chairperson.

One, Two or Three Hours Staff Both Semesters

423. Auditing — An introduction to basic auditing techniques, audit evidence, statistical sampling in auditing, auditing through and around the computer, and audit reports and opinions. Prerequisite: Business 333.

Three Hours Hendrix Spring Semester

425. Federal Tax Accounting — An introduction to federal tax accounting as it relates to income tax for individuals, partnerships, and corporations, as well as federal estate and gift taxes. Completion of Business Administration 322 is recommended, but not required.

Three Hours Martin Fall Semester

Three Hours Boyd Spring Semester

431. Marketing Strategy — This course develops decision-making skills in marketing. 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 business. Topics include marketing opportunity analysis, market segmentation, product promotion, channels of distribution, pricing strategies, and the analysis of complete marketing programs. Prerequisites: Business 222, 331, 351 and 371.

Three Hours Japinga

441. Accounting Theory — A participative seminar style course covering areas of financial accounting theory which are controversial and subject to differences of opinion within the academic community. A major paper and class presentation are both required. Prerequisite: Business 322.

Three Hours Martin Fall Semester

452. Management Problems — Advanced case-method study of significant problems arising in the business administration field, integrating subject matter of lower level courses. Special lectures and business simulation techniques are utilized as supplements to case work. Prerequisites: Business 222, 331, 351 and 371. For seniors only.

Three Hours Muiderman

460. Business Policy — This course is a challenging capstone departmental seminar for the business student. The material covered is concerned with strategic management and the causes of success and/or failure. The course is integrative in that it builds on the knowledge gained in other business courses such as management, marketing, finance, and accounting. Information is also obtained and applied through the reading of journal articles, discussion, and case analysis of company situations. Prerequisites: Business 222, 331, 351, 371.

Three Hours Gibson Both Semesters

490. Independent Studies in Business — Independent studies in advanced business under the supervision of a designated staff member. Prerequisites: advanced standing in the department and approval of the chairperson.

One, Two or Three Hours Staff Both Semesters

495. Advanced Studies in Business — A lecture or seminar in a special topic in advanced business or accounting. For example, Total Quality Management, Advanced Tax Accounting, Fund Accounting, and Finance Seminar have recently been offered under this number. Prerequisite: approval of the chairperson.

One, Two or Three Hours Staff Both Semesters

499. Management Internships — This course is a practical experience for students. It enables them to make use of their classroom knowledge of business and accounting in an organizational setting. Internships are offered in Accounting, Finance, Human Resources and Marketing. Interns are supervised by organizational managers. Placements are made in the Holland-Zeeland area. Students earn three hours of academic credit by working approximately ten hours a week at the internship site, attending a weekly one-hour seminar of interns and faculty, maintaining a journal, writing an analysis of the functional areas of their organization, and making a presentation of this analysis in the seminar.

Three Hours Gentenaar, Gibson, Hendrix, Japinga
Faculty: Mrs. Wessman, Chairperson; Mr. Bultman, Mrs. Cherup, Mrs. Cook, Mrs. Dell'Olio, Mr. Donk, Ms. Hwang, Mr. Mezeske, Mrs. Miller, Mr. Wolthuis, Mr. Yelding, Mr. Zwart.

The Education Department 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 will complete at least four field placements in area schools prior to student teaching. Throughout the professional sequence, prospective teachers will develop increasing competence and confidence in the professional abilities identified by Education faculty. These abilities will 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, 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 self-contained, inclusive, resource or main-streamed 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. A packet of application materials is available in the Education office.

COMPLETED APPLICATION INCLUDES THE FOLLOWING ITEMS:

1. Program application form
2. Three rating sheets from faculty members
3. Major/minor declaration forms
4. Successful field placement evaluations for Ed 221 and Ed 226
5. Passing scores on the Michigan Test for Teacher Certification (basic skills)
6. Current negative TB test
7. Signed statement of commitment to professionalism
8. Cumulative GPA of 2.5/4.0 scale
9. Special Education majors are also required to submit an essay on "Why I Want to Major in L.D. or E.I."

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 Education Department’s Director of Certification for specific requirements.

In fulfilling the requirements for a teaching certificate in the State of Michigan, the Hope College student must do the following:* 
1. Secure formal admission to the Teacher Education program.
2. Complete the Professional Education Sequence which has been established:
   b. Secondary — Complete Education 220, 221, 225, 226, 285, 286, 287, 360, 480 or 485, 500, and a special methods course in the major or minor field.
3. Earn a GPA of at least 2.5 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.
4. Complete the requirements for a major and minor** approved by the Education Department.
   a. Elementary: selected majors of 30 hours or a composite major of 36 hours and a substantive minor of 20 hours, a regular academic minor of 20 hours, or a composite minor of 24 hours.
   b. Secondary: selected major of 30-33 hours and a selected minor of 20-22 hours or a composite minor of 24 hours. Composite minors may be obtained in Natural Science and Social Science only.
5. Satisfy the general requirements for the A.B., B.M., or B.S. degree at Hope College.

Students are urged to plan their programs carefully and should begin that process early in their college careers. Students interested in the teacher education program are urged to attend group advising sessions offered each semester by the Education Department prior to advising week. Students may also meet individually with Education faculty. It is suggested that students enroll in Education 220, 221, 225 and 226 during their freshmen or 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 core requirements by taking courses specifically designed for prospective elementary teachers. Further information about recommended courses is available in the Education Department.

After approval from the Education Department, students fulfill their student teaching experience in urban, suburban or rural school districts. Some students

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*State of Michigan requirements are subject to periodic change. Students must meet State of Michigan and Education Department requirements for teacher certification in effect at the time application is made for certification.

**Specific requirements for composite majors and minors are available from the Education Department office.
requirement in the Philadelphia Program or through the Chicago Metropolitan Center semester.

SPECIAL EDUCATION: The Education Department offers majors in the areas of the Emotionally Impaired and Learning Disabled for Elementary Certification. These are highly intensive programs and students must receive favorable course and field evaluations to be allowed to enter the program.

K-12 TEACHING SPECIALISTS: In the areas of Art, Computer Science, Music, Physical Education and Dance. Hope College offers K-12 programs for teaching specialists.

The Education Department provides each student desiring certification a comprehensive 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 Education Department Office.

PLACEMENT — Special efforts are made by the Placement Office to help teacher candidates secure teaching positions, but the college does not guarantee the placement of students in positions. Credentials must be completed during the semester in which the student does student teaching. They are then placed on file in the Placement Office.

ACCREDITATION — Hope College's Teacher Education programs are approved by the Michigan Department of Education and are fully accredited by the National Council for Accreditation of Teacher Education. The college maintains membership in the American Association of Colleges for Teacher Education and the Michigan Association of Colleges for Teacher Education.

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 to be taken concurrently. Three Hours Donk, Hwang, Wessman 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 Hour Donk, Hwang, Wessman Both Semesters

225. The Exceptional Child — A study of the person who deviates markedly from the norm — mentally, physically or socially — and requires special attention in regard to his/her education, development or behavior. Special attention is directed toward the following persons: autistic, emotionally impaired, gifted, hearing impaired, learning disabled, mentally impaired, physically or otherwise health impaired, speech and language impaired, and visually impaired. Corequisite: Education 226. Prerequisite: Education 220 or Psychology 100. Sophomore standing. Cross listed as Psychology 225. Three Hours Cherup, Wolthuis 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 and/or cognitive disabilities, or who are at-risk, as well as gifted and talented individuals.

**241. Introduction to Emotionally Impaired** — An introduction to historic, philosophical, etiological, and current instructional perspectives in educating emotionally impaired students. Current national, state, and local programming alternatives and issues will be explored and evaluated. Prevalent research, theoretical perspectives, legislation provisions and concerns will be examined. Implications for effective programming will be stressed. Prerequisite: Education 225.

**314. Field Experience: Elementary and Middle School Emotionally Impaired** — One half-day per week placement with emotionally impaired students. This experience will provide opportunities for individual and small group instruction, management, and observation. A regularly scheduled seminar will be provided to integrate the placement experience with appropriate theoretical and conceptual models. Required for E.I. majors, and must be taken concurrently with Education 241.

**253. Introduction to Learning Disabilities** — Legal and working definitions of a learning disability will be presented and key issues affecting the field will be studied. Historical and current theories and their implications in the classroom setting will be addressed. A field placement component is required.

**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.

**351. Introduction to Assessment** — Investigation and application of appropriate assessment procedures and techniques for special needs students. Norm and criterion referenced procedures are examined and evaluated. Current research and literature resources are reviewed.

**LEVEL TWO: PROFESSIONAL SEQUENCE COURSES**

**280. Literacy I: Reading and Language Arts, Birth to Second Grade** — An in-depth examination of literacy issues which begin at birth and develop through the second grade. The four language arts, reading, writing, listening and speaking, will be studied in an interactive, integrated manner to guide the prospective teacher through a developmentally appropriate, constructivist analysis of emerging literacy. Through children's literature, diagnosis and assessment, reading strategies, phonics, 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.

**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.

**282. Literacy II: Reading and the Language Arts, Grades 3-6** — The focus of this course is the transitional reader, the child becoming 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. Instructional scaffolding for continued student growth will be an additional focus. Informal and formal assessment, children's literature, and the integrated language arts will provide a framework for a child study and a personal philosophy of diagnostic teaching. Prerequisites: admission to the Teacher Education program, Education 280 and 281. Corequisite: Education 283.

Three Hours Mezeske Both Semesters

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 Hour Mezeske Both Semesters

285. Secondary Reading/Language Arts Across Disciplines — This course will focus on the integration of reading and language arts strategies into grades 6-12 content subjects. Course topics will include the use of literature; reading, writing, listening and speaking as tools for diverse learners in content subjects; diagnostic teaching; study skills; direct skill instruction and formal/informal assessment practices. Planning for content area lessons and units will be integrated with Education 287. Also recommended for elementary teachers who wish to teach middle school. Prerequisites: admission into the Teacher Education program. Must be taken concurrently with Education 286 and 287.

Three Hours Mezeske Both Semesters

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 287 and requires a minimum of two hours a week. Corequisite: Education 285 and 287.

One Hour Mezeske, Wessman Both Semesters

287. Instructional Design for 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. Research and instructional technologies will be utilized to design, monitor, assess, and evaluate instructional plans. Includes an overview of classroom and behavior management theories and techniques. Recommended also for elementary teachers who wish to teach in middle school. Course is to be taken concurrently with Education 285 and 286 as the first secondary professional courses after acceptance into the Teacher Education program.

Two Hours Wessman 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 Hours Ball Both Semesters

310. Elementary Curriculum and Methods (Math, Science, Social Studies) — An examination of the modern elementary school curriculum — its philosophy, structure, organization, and methods of instruction. Includes general principles and practices that 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 Hours Dell'Olio, Zwart Both Semesters
311. Elementary Curriculum and Methods Field Placement — Approximately 40
hours participation and observation in local elementary or middle school class-
rooms. Students will observe instruction; keep reflective logs; work with individual
students and small and large groups; and develop original lesson plans and units.
Recommended for the semester prior to student teaching. Prerequisite: admission
to the Teacher Education program. Corequisites: Education 310 and 312.

One Hour Dell'Olio Both Semesters

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 class-
room organization, setting individual and group behavioral expectations, developing
and implementing classroom rules and procedures, working proactively with students,
and organizing for small and large group instruction. Prerequisites: admission to the
Teacher Education program and completion of Education 280, 281, 282 and 283.
Corequisite: Education 310 and 311.

Two Hours Dell'Olio Both Semesters

321. Teaching of Social Studies in the Secondary School — Methods and materials
used in teaching the social studies at the junior and senior high school levels.
Studies of procedures, teaching aids, trends, preparation of resource teaching units,
evaluation, etc. Prerequisite: admission to the Teacher Education program.

Two Hours Staff Fall Semester

323. Teaching of Mathematics in the Secondary School — Methods of teaching
mathematics with emphasis on new approaches, curriculum changes, trends in modern
mathematics, and history of mathematics. Same as Math 323. Prerequisite: admission
to the Teacher Education program.

Two Hours DeYoung Spring Semester

331. Teaching of Science in the Secondary School — 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. Alternate years. Prerequisite:
admission to the Teacher Education program.

Two Hours Staff Fall Semester

342. Psychoeducational Strategies — A comprehensive review of the unique
curricular and programming alternatives for school aged emotionally impaired
students. Emphasis is placed upon problems, issues and strategies which are
associated with special education programs for this population of students both
locally and nationally. Prerequisites: Education 241, 242, admission to Teacher
Education program.

Three Hours Wolthuis 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 Hours Van Wieren Fall Semester

342, 344, 347, 348. 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: Special Education — Knowl-
edge and classroom application of various diagnostic-evaluative instruments are
emphasized. Demonstration of competency in informal and formal evaluation
tools, analysis and diagnosis, as well as program planning and development at the
elementary and middle school levels is required. Remediation methods and mate-
rials appropriate for emotionally impaired and learning disabled students in aca-
demic, social, and motor areas are examined and incorporated into the field
experience. Must be taken concurrently with Education 354 and 359. Prerequisites: Education 241 or 253 and 351 and admission to the Teacher Education program.

Three Hours Cook Spring Semester

354-01. Field Experience: Elementary and Middle School – Learning Disabilities
— This placement provides an opportunity to integrate information covered in Education 352 and Education 359 to field placement settings. Emphasis will be on application of assessment, prescription, lesson design and remediation techniques. Must be taken concurrently with Education 352 and Education 359. Prerequisite: Education 253 and 351 and admission to the Teacher Education program.

Three Hours Cherup, Cook Spring Semester

354-02. Field Experience: Elementary and Middle School – Emotionally Impaired
— This placement provides an opportunity to integrate information covered in Education 352 and Education 359 to field placement settings. Emphasis will be on application of assessment, prescription, lesson design and remediation techniques. Must be taken concurrently with Education 352 and Education 359. Prerequisite: Education 241 and 351 and admission to Teacher Education program.

Three Hours Cherup, Cook Spring Semester

359. Instructional Design: Elementary and Middle School L.D./E.I.
— Curricular methods and materials appropriate for instruction of learning disabled and emotionally impaired students will be studied. Emphasis will be placed upon development of programming based on specific objectives for the individual student. Focus will include oral language, reading, written language, mathematics and social behavior related to teaching strategies. Prerequisites: Education 241 or 253 and 351 and admission to the Teacher Education program. Recommended for the junior year. Must be taken concurrently with Education 352 and Education 354-01 or 02.

Four Hours Cherup, Cook Spring Semester

360. Secondary Principles and Methods
— 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 and includes a 25-30 hour placement. When possible, students should schedule their content-area methods courses concurrently with this course. Prerequisite: admission to the Teacher Education program.

Four Hours 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 Hours Staff Fall Semester

375. Middle School Music Methods
— Observation, teaching techniques in the general music class and chorus. Study of materials, administration. Junior and senior music majors only, others by permission; recommended prerequisite: Music 300. Next offered 1994-95.

Two Hours Staff Spring Semester

376. Secondary Choral Methods
— The development and observation of teaching procedures in the Junior and Senior high school choral program with emphasis on vocal literature, choral style and rehearsal techniques. Music majors only; others by permission of instructor. Next offered 1994-95.

Two Hours Staff Fall Semester

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 Education Department.

381. Teaching Religion in Secondary Schools — Methods of teaching the academic study of religion at the secondary level. Emphasis is placed on legality, curriculum, methods, and materials of instruction. Prerequisite: admission to the Teacher Education program.

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, Linguistics 364, or Psychology 220.

384. Teaching of Foreign Languages — Methods of teaching French, Spanish, German, and Latin at the elementary school, high school, or college levels. Required of those planning to teach these languages in the secondary school.

388. The Teaching of Speech/Communication — Procedures, materials, and methods for conducting the varied activities required of a speech teacher such as conducting classes, directing dramatics and forensics, evaluation of texts, assignments, and types of examination. Prerequisite: a major or minor in communication.

395. March to Hope — A week-long, multicultural backpacking/survival experience. Each participant is paired one-on-one with youth from an inner-city or rural environment. A challenging environment aids in the development of meaningful individual and group relationships. Includes course requirements prior to and after the march.

451. Classroom and Behavior Management: L.D./E.I. — An overview of classroom and behavior management relative to the unique needs of learning disabled and emotionally impaired students. To be taken concurrently with Education 453, 454 and 460, 465, or 470. Prerequisites: admission to the Teacher Education program and Education 352, 354 and 359.

453. Computers and Technology: Special Education — An overview of the technology development appropriate to the high incidence, special education populations. Emphasis will be given to the exploration of computer related hardware and software systems for students and teachers. An overview of non-computer technological resources appropriate for disabled students will be covered. To be taken concurrently with Education 451, 454 and 460, 465, or 470. Prerequisites: admission to the Teacher Education program and Education 352, 354 and 359.

454. Current Issues and Trends: Special Education — A discussion of issues affecting the field of special education as well as an overview of current techniques and programs will be presented. To be taken concurrently with Education 451, 453, 454 and 460, 465 or 470. Prerequisites: admission to the Teacher Education program and Education 352, 354 and 359.

488-01. Rural Education — A study of rural community attitudes and characteristics which affect the local school with actual teaching in rural Northern Michigan.
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. Three Hours Cherup, Zwart 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 Hours Wessman Both Semesters

LEVEL THREE: PROFESSIONAL SEMESTER

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 Hours Staff Both Semesters

460. Student Teaching, Learning Disabilities — This field-based learning experience, supervised by the Education Department, is done in cooperation with area school systems. The student will be placed in a learning disabilities classroom for the purpose of making application of previously acquired knowledge. Evening student teaching seminar is required. Prerequisite: admission to student teaching program. Ten Hours Zwart Both Semesters

465. Student Teaching of Emotionally Impaired — Student teaching, supervised by the Education Department, is done in cooperation with school systems in western Michigan. To provide a field-based learning experience and a vehicle for application of previously acquired knowledge, the student will be placed in a classroom for emotionally impaired children. Evening student teaching seminar is required. Prerequisite: admission to student teaching program. Ten Hours Zwart Both Semesters

470. Student Teaching in the Elementary School — Student teaching, supervised by the Education Department, is done in cooperation with school systems in western Michigan. Evening student teaching seminar is required. Prerequisite: admission to student teaching program. Ten Hours Zwart Both Semesters

480. Student Teaching in the Secondary School — Student teaching, supervised by the Education Department, is done in cooperation with school systems in western Michigan. Evening student teaching seminar is required. Prerequisite: admission to student teaching program. Ten Hours Zwart Both Semesters

485. Student Teaching in the Elementary and Secondary Schools (K-12) — Student teaching, supervised by the Education Department, is done in cooperation with school systems in western Michigan. Experience is provided at both the elementary and secondary level enabling students majoring in art, music, dance, and physical education to obtain K-12 endorsement. Evening student teaching seminar is required. Prerequisite: admission to student teaching program. Ten Hours Zwart Both Semesters

500. Perspectives in Education — A study of the organizational and operational aspects of American education. Current educational practices, issues and problems will be examined in historical, sociological, and philosophical perspectives. Prerequisites: senior status and admission to the Teacher Education program or by consent of chairperson of the Education Department. Three Hours Bultman, Zwart Both Semesters
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 and coherently, 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 needing 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: The basic major is supplemented by elective courses within and outside the department to fit the individual student's interests and needs. See "Guidelines" below, and inquire at the English Department office for career information.

The basic major is a minimum of 9 courses distributed as follows (and to be taken as much as possible in this order):

1. an introduction to the study of literature, English 248 Introduction to Literature
2. historical, philosophical, cultural, literary background, English 231 Western World Literature I
3-5. a three-course survey of literature in English, to be taken in sequence if possible: English 270 Literature in English to 1775, English 271 Literature in English 1775-1900, English 272 Literature in English since 1900
6-8. three elective courses, one from each of the following topical categories (historical, formal, cultural), to be taken in any order: English 371 Historical Connections, English 373 Literary Forms and Reformulations, English 375 Language, Literature, and Social/Cultural Difference
9. a culminating course suited to the student’s goals, taken in the senior year, to be selected from: English 380 Teaching of Secondary School English; English 480 Contemporary Literary Theory; English 490 Individual Study; English 454, 455, 457, 458 Advanced Creative Writing; English 493 Individual Writing Project; English 495 Advanced Studies

The major with an emphasis in writing is a minimum of 10 courses distributed as follows (with the literature courses to be taken as much as possible in this order):

1. an introduction to the study of literature, English 248 Introduction to Literature
2. historical, philosophical, cultural, literary background, English 231 Western World Literature I

3-5. three upper-level literature courses, to be taken in sequence if possible: 3) English 270 Literature in English to 1775, 4) English 271 Literature in English 1775-1900, and 5) a choice of English 272 Literature in English since 1900, English 371 Historical Connections, English 373 Literary Forms and Reformulations, or English 375 Language, Literature, and Social/Cultural Difference

6-9. four writing courses: 6) one at the 200 or 300 level, 7) a 300-level, 8) a 300-level in a different genre from 7, and 9) a 400-level writing workshop.

10. a culminating course suited to the student’s goals, taken in the senior year, to be selected from: English 480 Contemporary Literary Theory; English 490 Individual Study; English 454, 455, 457, 458 Advanced Creative Writing; English 493 Individual Writing Project; English 495 Advanced Studies

Intermediate level 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 to all English majors and minors as cognate courses. Individual students will find that off-campus study and/or internships will play important roles in their programs.

GUIDELINES FOR STUDENTS WITH SPECIAL PROFESSIONAL GOALS:

Certain courses are particularly recommended as part of the preparation for specific goals. Variation from these guidelines should be discussed with an advisor.

A. Elementary Teaching: Students should fulfill requirements 6-8 by selecting topical offerings in Literature for Children and Adolescents, Shakespeare, and History of the English Language. English 379, or English 213, or a creative writing course should be substituted for 270 in the requirements for the major. Students are strongly urged to have two semesters’ experience working on the Anchor, Opus, or Milestone.

B. Secondary Teaching: Students should fulfill requirements 6-8 by selecting topical offerings in Shakespeare, History of the English Language, and American literature. Students should consider also taking Literature for Children and Adolescents and one or more of the courses in non-print media offered by the Communication Department. Students seeking an English major with Secondary Certification should take English 380 as their culminating course. Students are strongly urged to have two semesters’ experience working on the Anchor, Opus, or Milestone.

C. Graduate Study in English: Students should include Shakespeare and History of the English Language among their topical courses for requirements 6-8. Students should elect additional upper-level courses so that their majors will
total at least 44 hours and should participate in the departmental Honors Program as part of their preparation for the GRE. Students should include both 480 Contemporary Literary Theory and a seminar (495 Advanced Studies) among the courses for the major, and should choose courses in history and in ancient and modern philosophy as cognate courses. For further details students should consult the department chairperson, Professor Schakel, as early in their college careers as possible.

D. Writing and Editing: Students considering careers in these fields should consult Mrs. Jellema, the department coordinator for internships, early in their college careers, to begin planning for an internship (perhaps taken off campus), which will play an important part in their academic programs. Students should make themselves familiar with all the options available to them: a major in English and/or Communication; a major in English with an emphasis in writing; a minor in English and/or Communication and/or Writing; and the Communication/English Composite Major.

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 the students should, with their advisors’ help, tailor a program to their own needs, or consider a composite major (see pages 97-100). Suggested guidelines for a composite major are available from the department chairperson, Professor Schakel.

Internship programs are also available for English majors having specific career interests such as 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 off campus. For information, consult the department coordinator for internships, Professor Jellema.

For students planning to apply for a secondary teaching certificate with an English minor, the department offers an advising program to guide them in course selection. At the time of declaring a major they should also declare an English minor on forms available at both the English and Registrar’s offices. Proposals are invited from interested students or groups of students for 295, 371, 373, 375, 395, and 495 topics.

MINORS IN ENGLISH:

A. The general minor (minimum of 21 hours) consists of: 1. 248; 2. 231; 3. a writing course above English 113; 4. 12 credits of literature courses numbered 270 or higher (English 232 may be counted toward these credits). Minor declaration forms are available from the English Department and from the Registrar’s Office. For further details consult the advisor for English minors, Professor Nicodemus.

B. The teaching minor consists of 24-26 hours, numbered 200 or above, distributed as follows: 1. 213; 2. 248; 3. 231; 4. 271; 5. 272; 6. electives in literature or writing to bring the total credits to at least 24. Methods of Teaching English (English 380) is required if English is the field chosen for student teaching; if student teaching is in another field, English 380 or 381 is suggested as an elective. English 380 may be credited toward an English minor, and is recommended. Minor declaration forms are available from the English Department and from the Registrar’s Office. For further details, consult the advisor for English minors, Professor Nicodemus.

C. The writing minor consists of a minimum of 18 hours 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 English Department 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, Professor Nicodemus. 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, reading, and thinking about literature. In addition, the Honors Program is intended to foster intellectual exchange among students and faculty. A central objective of this program is extensive reading from the list included in the English Department Handbook. Detailed information and application forms are available from the department chairperson, Professor Schakel. Early application, even in the freshman year, is encouraged.

Academic Support Center

A full description of this no-fee service is given on page 41.

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

101. English for Non-Native Speakers I — A special course for students who need improvement in English language proficiency. Emphasis is placed on improvement in speaking, comprehension, reading, and writing. Three lectures, three drills, and two laboratories per week: lectures focus on reading, writing, and grammar; laboratories on aural-oral skills. Hours may be increased upon consultation with the chairperson of the English Department and the instructor.

Four Credits Offered Occasionally, As Needed

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 English Department and the instructor. By placement.

Three Credits Fall Semester

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, Voices of
the Third World, Critical Thinking about the Future, Crime and Punishment, Focus: Africa, C.S. Lewis, Medicine and Literature, Electronic Media, Writing and the Movies. May be repeated for additional credit, with a different subject matter. Not counted toward an English major or minor.  

Four Credits Both Semesters

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. Business 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

215. Legal Writing — A course designed to further the student's ability to write the types of expository prose appropriate to law school and the legal profession. Prerequisite: English 113 or waiver of English 113 requirement.  

Two Credits Spring Semester

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

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, 1997.  

Four Credits Fall 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 Fall Semester

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, 1997.  

Four Credits Fall Semester

313. Expository Writing III — A course in particular forms of expository writing. Announced topics will reflect the interest of students and instructors. Prerequisite: English 213, 214, or 215, or demonstrated writing ability. Not limited to English majors or minors.  

Two Credits Offered Occasionally

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 permission of instructor.  

Four Credits Fall Semester

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 permission of instructor.

*Four Credits Fall Semester*

**357. Intermediate Creative Writing: Plays** — Intensive study of and practice with the techniques of playwriting. Includes attention to conflict, scene, dialogue, structure, and staging. Students move towards completion of a one-act play. Whenever possible, provision will be made for reading performances of work-in-progress; in cases of exceptional merit, arrangements may be made for public performance of a finished script. Offered jointly with the Department of Theatre. Prerequisite: English 257 or permission of instructor. Alternate years, 1998.

*Four Credits Spring Semester*

**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 permission of instructor. Alternate years, 1999.

*Four Credits Spring Semester*

**359. Internship In English** — IDS 359 may be awarded up to eight hours of English credit at the discretion of the department. This course may be taken as part of the Chicago, Philadelphia, or Washington Semester Program, or by individual arrangement through the department with a local host company or agency. At the discretion of the department, a portion of the credits earned in this semester may be applied toward the student's major or minor requirements. Otherwise, the credits will constitute elective hours within the department.

*Eight Credits (Maximum) Both Semesters*

**389. GLCA Arts Program** — IDS 389 may be awarded up to sixteen hours of English credit at the discretion of the department. The Great Lakes Colleges Association 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 hours 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, 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 critique and discussion of issues pertinent to each student's project. Prerequisites: English 355, a writing sample, and permission of the instructor.

*Four Credits Spring Semester*

**457. Advanced Creative Writing: Plays** — A workshop for students with demonstrated ability and commitment to the craft of playwriting. Includes consideration of the full range of concerns affecting stagecraft, playwriting, and performance. Students move during the semester towards completion and presentation of a full-length drama. Offered jointly with the Department of Theatre. Prerequisites:
English 357 or its equivalent, a writing sample, and permission of the instructor. Alternate years, 1999.

458. Advanced Creative Writing: Nonfiction — A workshop for students with demonstrated ability and commitment to the craft of the creative nonfiction essay. Includes consideration of the history, market, purpose, structure, shape, focus, range of narrative strategies, and structural requirements of the essay. Completion of three to four essays and a revised essay of publishable quality expected by the end of the semester. Prerequisites: English 313 or 358, a writing sample, and permission of the instructor. Alternate years, 2000.

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 departmental office).

Literature

231. Literature of the Western World I — Masterpieces of Western literature through the Renaissance. Meets part of the Cultural Heritage requirement.

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.

248. Introduction to Literature — An introductory course in reading and responding to poetry, fiction, drama, and nonfiction from various critical perspectives. Required of all English majors and minors; should be taken before or at least concurrent with higher-numbered literature courses. Recommended also for students not specializing in English.

270. Literature in English to 1775 — A survey of British and American literature from their beginnings until 1775. Should be taken before English 271, if possible.

271. Literature in English 1775-1900 — A survey of British, American, and Commonwealth literature, 1775-1900. Should be taken before English 272, if possible.

272. Literature in English since 1900 — A survey of British and American literature and other literatures in English since 1900.

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. Recent offerings include Detective Fiction; 20th-Century African Literature; 20th-Century Chinese Literature.

334. The Modern European Novel — The nineteenth- and twentieth-century influences on the novel from Balzac to Camus. Ordinarily offered only in the Vienna Summer School program.

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; Swift and Lewis. Topic for Fall 1997: Epic and Lyric; Spring 1998: The Othering of American
Literature. Should be taken after English 270 and 271, if possible. May be repeated for additional credit with a different topic.

**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. Two topics are offered every semester: 1. Shakespeare, 2. Literature for Children and Adolescents. Other topics for 1997-98: Fall — Contemporary Women’s Poetry; Spring — From Page to Screen: Contemporary Literature and Film Adaptation. Should be taken after English 270 and 271, if possible. 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 Cultures in Fiction; African Literature. Three topics are offered annually: Ethnic American Literature (Fall), History of the English Language (Fall), and African American Literature (Spring). Other topics for 1997-98: Fall — Religion, Race and Gender in the Literature of Antebellum America. Should be taken after English 270 and 271, if possible. 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. Recent offerings include Contemporary American Poetry; American Women Writers; 20th-Century Irish Literature; Hawthorne and His Times; Angels in the Literary Imagination.

**Two to Four Credits (One or Two Credits During August Term)**

**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. Alternate years, 1998.

**Four Credits Spring Semester**

**Teaching**

**379. Writing for Elementary Teachers** — An introduction to the basic techniques of writing intended especially for prospective elementary school teachers. Topics include writing practice, short fiction, poetry, evaluating creative writing, publication, curriculum development, and nonfiction writing. Includes attention to the student’s understanding of his or her own writing process.

**Four Credits Both Semesters**


**Three Credits Fall Semester**
381. Teaching Writing in All Disciplines — For prospective and practicing elementary and secondary teachers in all the disciplines. A survey of the most recent theories about writing and practices in the teaching of writing across the curriculum. Assignments will allow students to apply theory to actual practice in creating assignments, inventing sequences of activities, using writing to personalize learning, and responding to student writing.

One Credit  Spring Semester

383. Teaching English as a Second or Foreign Language — See listing under Education 383.

Three Credits  Fall Semester

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. Available for one or two hours credit. 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

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 James Joyce; G. B. Shaw; Early English Drama Exclusive of Shakespeare; C.S. Lewis; Novels of the American West. Topic for Spring 1997-98: Three Southern Writers

Four Credits

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
Coordinator: Ed Hansen (Geological and Environmental Sciences)

The general education requirements for natural science are met by taking a minimum of ten 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.

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. Mathematics for Public Discourse — This is a two-credit 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. Corequisite: GEMS 152.

Two Hours Andersen (Mathematics) Spring Semester

Four-Credit Interdisciplinary Science and Technology Courses
(GEMS 150-199)

Natural scientists restrict their attention to 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 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. No prerequisites.  

Four Hours Krupczak (Physics) 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. Corequisite: GEMS 100: Mathematics in Public Discourse.  

Four Hours Hansen (Geol. & Env. Sciences) Spring Semester

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.

201. 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. Prerequisite: any four-credit laboratory science course.

Two Hours Bodenbender (Geol. & Env. Sciences) First Half of Fall Semester

210. Science of Power — This course will focus on electrical power production and the environmental consequences associated with all methods in use and under development. Through role playing, students will study the economic and political influences of the power industry. Historical and basic science will accompany the study, including the discovery and development of nuclear fission and the atmospheric chemistry of acid rain. Students will make use of computer models that allow them to vary production methods and study the resulting fuel demands, transportation needs, and waste disposal costs. Students will make two field trips, one to a coal-fired facility and another to a nuclear plant. Prerequisite: any four-credit laboratory science course.

Two Hours Williams (Chemistry) Second Half of Both Semesters
ENVIRONMENTAL SCIENCE MINOR: Our ability to modify our environment has increased dramatically over the last several centuries. A host of recent events has forced us to become aware of 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 which goes beyond the confines of his or her discipline. It also includes an understanding of how environmental issues affect and are affected by politics and economics. The environmental scientist will often work in a team with professionals from other backgrounds to study and solve environmental problems.

At Hope College we offer an environmental science minor that helps students acquire the background they need to be successful environmental scientists. Our 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 which 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:

- BIO 315 (Ecology)
- BIO 356 (Genetics)
- BUS 341 (Business Law)
- ECON 212 (Microeconomics)
- CHEM 331/332 (Analytical Chemistry and Laboratory)
- CHEM 452 (Chemical Instrumentation)
- 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)
- PHY 270 (Modern Physics)
- PHY 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 consists of GES 211, Earth Environmental Systems I (Fall Semester, 4 credit hours), and GES 212, Earth Environmental Systems II (Spring Semester, 4 credit hours).

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 credit hours). This is an interdisciplinary course taught by faculty in the Natural Science Division, Political Science Department and Economics Department.

**Goal #5 An ability to work in a team with scientists and non-science professionals from other disciplines.** In order to obtain experience doing this, students are required to take **GES 401, Advanced Environmental Seminar** (4 credit hours). In this “capstone” course they will 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 310 - Environmental Public Policy
5. GES 401 - Advanced Environmental Seminar

**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:

- high-grade Precambrian metamorphism in the Upper Peninsula of Michigan
- structure of 600 million year old mountains in West Africa
- experimental investigations on the remediation of contaminated ground water
- mapping a shear zone in the Manzano mountains of New Mexico
- mapping glacial deposits in the Holland area
- field work in the coast ranges of California
- disposal of dredge materials
- studies of the Precambrian geology of southern India

Traditionally, the training of geologists has included a large measure of field experience. Hope College is ideally situated to study glacial geology, sedimentology, geomorphology, limnology, and environmental problems; but to broaden the spectrum of field experience, longer trips are commonly taken to examine the geology of other areas such as the Colorado Rockies and the Virgin Islands. In addition to these trips, each spring the regional geology field trip gives students the opportunity to investigate the geology of the Appalachians, the Gulf Coast, the Black Hills, the Grand Canyon, the Colorado Plateau, the Florida Keys, the Ozarks, Ouachitas, California, and other areas.

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, X-ray diffraction and fluorescence apparatus, thin section preparation laboratory, a large stream table and sedimentation tank with wave making equipment, and equipment for seismic exploration and soil resistivity testing.

Because the study of the earth is eclectic, the geologist must be competent in the other natural sciences and in mathematics. Accordingly, strong minors in other sciences and composite majors with chemistry and physics are encouraged.
The Department of Geological and Environmental Sciences has an established reputation of excellence. In recent years, graduating seniors have been accepted at California Institute of Technology, University of Chicago, Harvard, Yale, Stanford, Princeton, and other prestigious graduate schools.

**GEOLOGY MAJOR:** The geology program is designed (1) to prepare students with either the Bachelor of Arts or Bachelor of Science degrees for a career or for graduate study in the geological or environmental sciences; (2) to give students who do not wish a career in geology a deeper understanding of the processes which change the earth's surface. The geology curriculum provides several options for students to achieve these objectives. Students can:

1. obtain the B.S. or B.A. Degrees with emphasis either in Geology or in Environmental Geology;
2. obtain a minor in either category listed above, or;
3. satisfy a portion of the core requirement by taking Physical Geology, Oceanography, Environmental Geology, Planetology or Geology in the Field and Laboratory.

Because geologists thoroughly trained in chemistry, physics or mathematics are at the forefront of exciting research in the earth sciences, and as they are aggressively recruited by graduate schools, geology-physics and geology-chemistry composite majors (see below) have been developed for students who also have interests in geology and chemistry or physics.

**GEOLOGY OPTION**

Students who wish a geology major enter the program by taking either Physical Geology, Oceanography, Geology in the Field and Laboratory, or Environmental Geology. In addition, all geology majors must take the geology core consisting of Geologic Map Interpretation, Mineralogy, Historical Geology and Regional Field Geology.

**BACHELOR OF ARTS DEGREE IN GEOLOGY:** Students will take 1) an entry-level course, 2) the geology core, and 2 advanced courses in geology numbered 300 or above. One year of biology, chemistry, or physics and a year of mathematics are required.

**BACHELOR OF SCIENCE DEGREE IN GEOLOGY:** Students will take 1) an entry level course in geology, 2) the geology core including 6 credits in GES 341, Regional Field Study, 3) GES 315, 332, 453, and 4) two additional courses numbered 300 or above. For this major, students are required to take 3 or more credits of Research, GES 490, in their junior or senior years. Additionally, one year of chemistry, one year of mathematics and either one year of physics or biology is required. With the concurrence of the chairperson, one or more advanced courses in the ancillary sciences, computer science or mathematics may be substituted for one or two of the advanced courses in geology.

**ENVIRONMENTAL GEOLOGY OPTION**

**BACHELOR OF ARTS DEGREE IN GEOLOGY WITH AN ENVIRONMENTAL EMPHASIS:** This major requires 1) an entry level course; 2) the geology core and 3) two or more of the following courses: 301, 430, 450, or 453. One year of biology, chemistry, or physics and one year of mathematics are required.
BACHELOR OF SCIENCE DEGREE IN GEOLOGY WITH AN ENVIRONMENTAL EMPHASIS: This major requires 1) an entry level course, 2) the geology core including two spring field trips and 3) GES 301, 430, 450, and 453, plus one additional geology course numbered 300 or above. For this, major students must take 3 hours of Research (GES 490) in their junior or senior years. Additionally, one year of chemistry, one year of mathematics and one year of either physics or biology are required for the degree. Under certain circumstances, with the concurrence of the chairperson, advanced courses in non-science departments may be substituted for one or more of the advanced courses in geology.

GEOLOGY MINORS A geology minor will be comprised of at least 16 credit hours not more than one half of which can be numbered 201 or below.

MINOR WITH EMPHASIS IN GEOLOGY: This minor includes the following courses: GES 101, 120, 203, 215, 241. GES 341 is strongly recommended.

MINOR IN GEOLOGY WITH ENVIRONMENTAL EMPHASIS: This minor includes the following courses: GES 101, 108/109, 121, 215, 241. GES 341 is strongly recommended.

GEOLOGY-CHEMISTRY COMPOSITE MAJOR: For additional information, please refer to page 99 and see below.

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 page 98.

EARTH SCIENCE TEACHERS: The Michigan Certification Code requires that prospective high school teachers elect 30 or more hours of courses in geology and a minor of 20 hours in a discipline or 24 hours in an area. A n area minor including courses in biology, physics, and chemistry, is recommended and will be developed on an individual basis with each student.

Courses Designed Primarily for Non-Science Majors

120. An Introduction to Planetology — A course, emphasizing geological processes and broad concepts of planetary development, which introduces the student to the processes which have shaped the planets in our solar system. Topics include the early solar nebula, formation of the planets and meteorites, planetary atmospheres, the internal structures and surface geologies of Mercury, Venus, the moon, Mars, Jupiter, Saturn and the moons of Jupiter and Saturn. Two hours of lecture per week, one hour discussion section every other week. No prerequisites.

Two Hours  Hansen  Fall Semester

121. Climate Changes — An introduction to the processes that have shaped earth's climate in the past in order to predict its possible future evolution. Topics will include geological record of earth's climate, greenhouse warming, ozone depletion and El Nino/La Nina phenomena.

Two Hours

205. Geology in the West Indies — An introductory course designed to acquaint students with the processes which occur in island arcs and in the oceans. One week on campus and two weeks in the Virgin Islands aboard a 47' sloop. The campus
segment will introduce the student to rocks and minerals, maps, charts, navigation techniques and equipment, including the sextant. In the islands, the day will consist of 1.5-2 hours of lecture and another 2 hours examining the geology of the islands, the ocean floor, or the reef. Not only will geology, oceanography, and plate tectonics be stressed, but students will be introduced to the nautical skills required to sail a large yacht. No prerequisites. Meets laboratory requirements.

**Three Hours Staff May Term**

### 246. Geology for Elementary Teachers

A course designed to introduce the prospective elementary school teacher to geological science appropriate to elementary education. Topics include materials of the earth, processes which act to change the earth’s surface, and an examination of the atmosphere and weather. This course is open only to prospective elementary teachers and they are expected to elect this course to fulfill a portion of their college science requirement unless excused by the chairperson of the Education Department. Lecture 2 hours and one 2 hour laboratory per week. No prerequisites.

**Two and One-Half Hours Hansen Spring Semester**

### Courses Designed Both for Science and Non-Science Majors:

#### 101. Physical Geology

An introduction to geology based on plate tectonic theory, stressing the materials of the crust, the nature and architecture of the earth’s interior and crust, the processes which work to change the crust, and the geologic evolution of the continents. Three lectures and one two-hour laboratory each week. One or more Saturday field trips will be required.

**Four Hours Peterson Fall and Spring Semesters**

#### 108. Environmental Geology

A study of the relationship between man and his geological habitat. Problems that society faces in using the earth will be examined. For example, earth processes (earthquakes, floods, land slides, volcanism), earth resources (metals, water, hydrocarbons), engineering properties of geological materials, and land use in urban development will be stressed. May be taken without the laboratory.

**Three Hours Peterson Spring Semester**

#### 109. Environmental Geology Laboratory

A course designed to accompany Geology 108 and to familiarize the student with contemporary problems in the environment using the tools of the geologist. Several laboratories may be held in the field examining problems and collecting data and materials for analysis. Prerequisite: Geology 108 (may be taken concurrently).

**One Hour Staff Spring Semester**

#### 110. Geology in the Field and Laboratory

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 processes by which scientists ask and answer questions about the earth. Most of the class time will be spent in the field or laboratory where students will be trained to make and record observations, develop hypotheses, and test ideas while studying the materials and processes which shape the surface of the planet. One lecture, one five-hour laboratory per week, and one weekend field trip. No prerequisites.

**Three Hours Hansen Fall Semester**

#### 116. Oceanography

An introduction to the natural processes in oceans and large lakes. Waves, currents, chemical and physical characteristics of water masses, biological productivity, geology and sedimentary activity will be studied. A portion of the course will be devoted to the natural history and geography of the Great Lakes. May be taken without the laboratory.

**Three Hours Staff Fall Semester**
117. Oceanography Laboratory — A course designed to accompany Geology 116 and to familiarize the student with the processes active in large bodies of water. Several laboratories will be held on Lakes Macatawa and Michigan and along their shores. Prerequisite: Geology 116 (may be taken concurrently).

One Hour Staff Fall Semester

Courses Designed Primarily for Science Majors

203. Historical Geology — 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, history of the major features of the crust, and the origin and evolution of life. Three lectures and one three-hour laboratory each week. One or more Saturday field trips and one weekend field trip will be required.

Four Hours Hansen, Staff Spring Semester

211. Earth Environmental Systems I — The 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. Subjects covered include biogeochemical cycles, population and demographics, environmental management, toxicology and risk assessment, air and water chemistry, pollution and radiation. Sampling techniques and common methods of chemical analyses for environmental purposes will be covered in the laboratory. Lecture, 3 hours per week. Laboratory, 3 hours per week. Prerequisite: Chemistry 111 or Chemistry 102. Corequisite: Biology 111.

Four Hours Lecture, GES Staff; Laboratory, GES and Chemistry Staff Fall Semester

212. Earth Environmental Systems II — A continuation of Earth Environmental Systems I (GES 211) with an emphasis on the working of natural systems and the impact of human activities on those systems. Subjects covered include basic ecological principles, biological diversity, extinction, biological and non-biological natural resources, waste disposal and recycling, climate and climate change. Lecture, 3 hours per week. Laboratory, 3 hours per week. Prerequisite: GES 211.

Four Hours GES and Biology Staff Spring Semester

215. Geological Map Interpretation — An introduction to geologic maps and field techniques; the course will acquaint majors with maps as sources of geological information and as means of recording geologic data in a concise form. Topics covered include: interpretation of landforms on topographic maps; recognition of elementary geologic structures; interpretation of remote spectral data including aerial photographs and satellite images. Fieldwork will cover elementary surveying techniques and field measurements of geological structures. One lecture and two 2-hour laboratory sessions per week. A Fall Break field trip and one Saturday field trip are required. Prerequisite: Geology Core or permission of instructor. The course is best taken in the 2nd year of the geology program before Geology 315 (structural geology).

Three Hours Hansen Fall Semester

241. Mineralogy — An introduction to the crystallography 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. Three lectures and one 3 hour laboratory per week. One weekend field trip will be required. Prerequisite: One semester of introductory chemistry (may be taken concurrently) or consent of instructor.

Four Hours Peterson Fall Semester

301. Surficial Geology — An introduction to surficial processes with major emphasis on the processes shaping earth’s surface. Among other topics, landform and soil development, soil mechanics, the influence of running water on earth’s surface and man’s interaction with surficial geology will be stressed. Three lectures
GEOLOGICAL AND ENVIRONMENTAL SCIENCES

and one three-hour laboratory each week. Weekend field trips may be required. 
Prerequisite: geology core or consent of instructor. 
Four Hours Staff Offered Alternate Years, 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 Economics, Geological/ Environmental Sciences and Political Science Departments so that students are exposed to the interdisciplinary nature of environmental public policy issues. Prerequisites: Economics 211 or Political Science 101 and the fulfillment of the college's science core requirement. Four hours of lecture per week. 
Four Hours

315. Structural Geology — The study of rock deformation stressing geometrical techniques and the concept of strain used in structural and tectonic studies. Three hours of lecture and one three-hour laboratory each week. One or more weekend field trips are required. Prerequisites: Geology 215 and Mathematics 131. 
Four Hours

332. Petrology — 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 petrologic phase diagrams. Laboratory sessions will be devoted to petrography description, identification and interpretation of rocks in hand samples and thin sections. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Geology 241. 
Four Hours Peterson

341. Regional Field Study — An investigation in the field 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. Entire spring vacation or an extended period in the spring or summer will be spent in the field. Prerequisites: Geology 101 and consent of instructor. It is strongly recommended that Geology 341 be taken two times by all geology majors. 
Three Hours Staff Spring Semester

351. Invertebrate Paleontology — The study of the history of invertebrate life as determined from fossils. Topics include changes in diversity during the Phanerozoic, tempo and mode of evolution, functional morphology, systematics, and paleoecology of the major invertebrate phyla. Three lectures and one three-hour laboratory per week. One or more weekend field trips will be required. Prerequisite: consent of instructor. 
Four Hours Staff As Available

411. Readings in Geology — The aim is to achieve an overview of the earth sciences. The emphasis will be on acquisition of factual knowledge and integration of materials covered in several courses in the undergraduate program. The format will be weekly 30-minute tests on assigned readings in selected texts followed by discussion. Prerequisite: Minimum of 25 hours of geology courses. It is strongly recommended for seniors. 
One Hour Hansen Fall

401. Advanced Environmental Seminar — This is an interdisciplinary course where students with different academic majors will work in teams to study 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 the study, the collection and interpretation of data, and the making of recommendations. This course is meant to simulate the process by which scientists
work to solve actual environmental problems and is intended as a “capstone” experience for environmental science majors. Two 2-hour group meetings per week. Additional times to be arranged for field and laboratory work. Prerequisite: GES 212 or permission of instructors.

Two Hours  GES, Biology and Chemistry Staff  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 on the geochemical cycles will be examined. Topics will include: equilibria calculations in aqueous systems near earth’s surface; chemical weathering and redistribution of the chemical elements in the natural environment; pathways of selected toxic elements in soils, lakes and oceans. Laboratory exercises will include problem sets alternating with quantitative analyses using atomic absorption and X-ray fluorescence. Three lectures and one three-hour laboratory each week. Prerequisites: Chemistry 111, 113, 114, 121.

Four Hours  Hansen/Peterson  Offered Alternate Years, Fall Semester

450. Hydrogeology — A study of the geological aspects of the water cycle emphasizing the environmental problems associated with groundwater. Topics include groundwater flow, geology of aquifers, water resource management, groundwater chemistry and contamination. The course is intended for students with a strong interest in environmental geology. Two lectures and one laboratory per week. Prerequisite: consent of instructor.

Three Hours  Hansen/Peterson  Offered Alternate Years, Spring Semester

453. Sedimentology — Study of the mineralogy, petrology, petrography, occurrence and association of the sedimentary rocks. Thin section examination and textural analysis of sedimentary rocks and unconsolidated sediments will be performed in laboratory. Three lectures and one three-hour laboratory or field trip each week. Weekend field trip may be required. Prerequisite: Geology 332, or consent of instructor.

Four Hours  Staff  Offered Alternate Years, Spring Semester

490. Special Problems — A course designed to introduce the student to research. A research problem in an area of special interest will be nominated by the student, receive consent of instructor and be approved by the Geological and Environmental Sciences Department before research begins.

One to Three Hours  Staff  Any Semester

495. Studies in Geology — A course designed to allow a professor to instruct upperclass students in a special area of interest or research. Students will engage in extensive reading and/or research in the topic of study.

One to Three Hours  Staff  Any Semester

080. Geology Seminar — A program designed to give geology faculty and students an opportunity to participate in seminars and topics in all areas of geology. Lecturers are from industry, government and the academic world. Not for credit. Geology majors are expected to attend.
Faculty: Mr. Bell, Chairperson; Mr. Baer, Mr. Cohen, Mr. Curry, Ms. Gibbs, Mr. Kennedy, Mr. Penrose*, Mr. Sobania.

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 or teacher, the department offers a traditional, full HISTORY MAJOR. For the student whose interests involve several major areas, we offer the COMPOSITE MAJOR IN HISTORICAL STUDIES. Both of 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 the Soviet Union, Ireland, England, Germany, Ethiopia and Kenya 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 semester of 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.

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:

- law practice
- curator of museums and archives
- administrative assistant to a U.S. Senator who is now Vice President
- 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 History Department offers two possible majors and a minor program.

*Sabbatical Leave, Fall Semester 1997*
I. HISTORY MAJOR: A minimum of 36 semester hours in history is required for a major. The distribution requirement for the 36 hours in history is as follows: one history course focused mainly on the period before 1500; one course in American history; one course in European history; one course in Africa, Middle East or Latin America; and a seminar in history. 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. COMPOSITE MAJOR IN HISTORICAL STUDIES: For the student who does not plan to become a professional historian or a teacher, and who needs a program with greater disciplinary breadth than the regular major program offers, the History Department provides a composite major. In this program a minimum of 36 credits is required, 20 credits in history and 16 in other disciplines that correspond to the student’s particular needs and interests. At least 20 of the total 36 credits must be earned in courses at the 300 level or above. Credits earned in introductory courses and in courses used to fulfill the college core requirement, excepting the introductory history courses, cannot be applied to the major program. The 20 credits in history must be distributed as follows: 4 credits in American history, 4 credits in European history and 4 credits in either a history seminar or an independent study course in which a major research paper is required. The remaining 8 credits and the 16 non-history credits will be determined by the individual needs of the student after consultation. To take full advantage of this individual approach to the program, it is in the best interest of the student to apply for acceptance as a major by the end of the sophomore year.

III. HISTORY MINOR: The department offers a 20-hour minor. The minimum distribution requirement is as follows: one course dealing with a period before 1500, one course in American history, one course in European history, one course in non-Western history, and one additional history course of the student’s choosing.

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. Three Hours 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. Three Hours Staff Both Semesters

Africa, Middle East and Latin America

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 Hours Curry Offered When Feasible

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. Four Hours Sobania Offered When Feasible

310. History of Southern Africa — This course will focus on the history of southern Africa from the growth and expansion of indigenous civilizations, through the European intrusion, to the current social, political and economic developments of the present day. Special emphasis will be placed on the forging of the Zulu nation, the rise of Afrikaner nationalism, the roots of apartheid and the role of theology, the migrant labor factor, and the dynamics of African opposition to colonialism and apartheid. Four Hours Sobania Spring Semester

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 interpretation 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. Alternate years. Four Hours Sobania Fall Semester

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. Four Hours Penrose Spring Semester

United States

252. Early American History, 1607-1789 — This course deals with the process by which the European colonists transformed themselves into a nation of Americans. It focuses upon the way the interaction between the European heritage and the American environment produced a new people. It also focuses on the growth of American nationalism. Topics to be covered include: Puritanism, establishment of the American colonies, relations with the mother country, the Revolution, and Constitution. Alternate years, 1997-98. Four Hours Cohen Spring Semester

253. Slavery and Race in American History, 1619-present — This course argues that slavery and race have played major roles in shaping the course of American History. It begins by showing how slavery is rooted in the history of western culture and why it seemed natural to establish it here. It shows how the institution of slavery shaped the lives of masters, slaves and of all the generations that came after, including our own. Four Hours Cohen Fall Semester 1998, Spring Semester 1999

254. The Middle Period in American History, 1789-1877. Beginning with the Federalist Era, this course traces U.S. history through the era of the Civil War and Reconstruction. Major themes include: the rise of the “common man,” the tension between nationalism and sectionalism, expansionism and the frontier, reform, industrialization, and the impact of race on American life. Alternate years, 1998-99. Four Hours Cohen Spring Semester
255. The Emergence of Modern America — A study of American politics, society, economics from 1877 to America's entrance into World War I. Special emphasis will be placed on industrialization, urbanization, the Progressive reform movement, America's increased involvement in foreign affairs, and conflicts in ideologies.

Four Hours Curry Offered When Feasible

256. Recent America — This course examines intellectual and political developments from 1920 to the present. Included in the review are the responses to the ravages and rewards of industrialization and to the older agonies of racism and poverty. To develop this analysis there will be a detailed study of the following topics: the intellectual disillusionment and political reaction of the 1920's; the radical thought and pragmatic reforms of the New Deal; the sources of anxiety and consensus politics in the post World War II era; and the challenge to the American liberal tradition in the 1960's, 70's and 80's.

Four Hours Curry Spring Semester

354. American Constitutional History, 1787-Present — This course traces the historical development of the United States Constitution from its inception to the present. Emphasis will be placed on the interrelationship between the evolution of the Constitution and the changing needs of American society.

Four Hours Cohen Offered When Feasible

355. United States Foreign Policy — This course traces the development of United States foreign policy from the Spanish-American War to the present. It is in this period that the United States emerged as a great world power and moved to center stage during World War II. The aim of this course is to explain how this new framework in which diplomacy was conducted reshaped the American response to the traditional forces influencing its foreign policy. As national power increased, so too did responsibility for the international order. A central problem confronting American policymakers from 1945 to 1989 was to determine if and to what extent American power had to be directly employed in the several crises that threatened the nation's interest and security and impeded the realization of its ideals. Since 1989, post cold war conditions require the formation of a vision and policies responsive to challenges not yet clearly outlined.

Four Hours Curry Fall Semester

357. American Intellectual History, 1865-Present — This course will examine the interplay of ideas and American life from the Civil War to the present. Political, religious, scientific, artistic, and literary thought will be considered. Special emphasis will be placed on the 20th century. Alternate years.

Four Hours Curry Fall Semester

359. Fact, Fiction and Historiography — Through an examination of fictional treatments of five episodes in American history (the Salem witch trials), the Nat Turner slave rebellion, the Civil War, Reconstruction, and the Great Depression) this course will explore the relative strengths and weaknesses of fiction and traditional methodology as ways of understanding history. Simultaneously, the course will consider the historiography of each episode.

Four Hours Cohen Spring Semester 2000

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 an historical topic; those who enroll for Classics 210 will write a paper on a literary topic.

Four Hours Bell Fall Semester Every Third Year
HISTORY

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 an historical topic; those who enroll for Classics 215 will write a paper on a literary topic.  
*Four Hours Bell Fall Semester Every Third Year*

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.  
*Four Hours Bell Fall Semester Every Third Year*

Eastern Europe and Russia

232. **History of Russia From Kiev Through Catherine II** — This course traces the development of the Russian state from its Kievan origins through the reforms of Peter the Great and the enlightened despotism of Catherine the Great. Emphasis is placed on geographic, economic, and political factors in the growth of the Russian empire. Alternate years.  
*Four Hours Penrose Fall Semester*

335. **History of Modern Russia** — The revolutionary origins of the Soviet state to the former USSR in the modern world. Emphasis on three areas of inquiry: the revolutionary movement until 1917, the Soviet Union in world affairs and the evolution of the former USSR into independent states.  
*Four Hours Penrose Spring Semester*

Europe

205. **History of England, Stonehenge to 1688** — An introduction to English civilization and history from the Celts to the late seventeenth century. Focuses upon the development of the English legal system, monarchy and parliament, the role of religion in English society, England’s relationship with Europe, and the major features of social, economic and cultural life with special attention to art and architecture.  
*Four Hours Baer Fall Semester 1997*

206. **History of England, 1688 to the Present** — An introduction to English civilization and history from the Glorious Revolution to the fall of Thatcher. Explores some of the implications behind England’s rise as a world power and subsequent decline. Particular stress will be placed upon constitutional and international problems before 1815, the empire, culture (especially art and architecture) and politics during the Victorian era, and upon economic problems, the world wars, and social changes in the 20th century.  
*Four Hours Baer Spring Semester 1998*

240. **Enlightenment and Nationalism in Europe, 1688-1914** — This course will examine political and social ideas of Europe in the 18th and 19th centuries. The central theme of the course will be the way in which ideas influenced the course of European history. Particular emphasis will be placed on the ideas of the Enlightenment, Romanticism, and Nationalism, and on ways these ideas were related to the revolutions, wars and political changes of the period. Offered when feasible.  
*Four Hours Gibbs*

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. Every third year.  

Four Hours Gibbs

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 Hours Gibbs Every Third Year

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.  

Four Hours Sobania Offered When Feasible

331. Modern Germany — A survey of political, cultural, and social development of Germany from the late 18th century to the present. It will look at the dynamic interplay between social and political events and cultural and intellectual ideas. Every third year.  

Four Hours Gibbs

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 course offered in the History Department. In each course a professor will present lectures in his area of particular interest and students will engage in guided reading and research under his supervision.  

Two or Four Hours 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 hours and internships bearing history credit and for internships approved by the department.  

Variable Hours 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.  

Four Hours Cohen, Fall Semester; Bell, Spring Semester

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 History Department. Supervision and the number of credits earned are determined by the nature of the project.  

Staff Both Semesters
Faculty: Mr. Cox, General Director; Mr. Sharp, Campus Representative, New York Arts Program; Mr. Muiderman and Mr. MacDoniels, Campus Representatives, Philadelphia Semester; Mr. de Haan, Campus Representative, Chicago Metropolitan Semester; Mr. Nelson, Encounter with the Arts Director; Mr. Ellis, Encounter with Cultures Coordinator.

Interdisciplinary courses provide a meeting place for the several academic disciplines. Integrated efforts can be directed to the perennial human questions, especially as these are affected by present discoveries and concerns. These courses deal with methods or content that go beyond what is usually dealt with in a single department. IDS courses, then, provide faculty and students with an opportunity for dialogue or research across departmental boundaries.

070. Academic Success in College — This two-hour-per-week course is designed to help students overcome academic problems often faced in college. Class activities and discussion will focus on managing time efficiently, taking notes, preparing for and taking tests, and controlling stress. Students will also meet faculty from varying disciplines and receive hands-on information about Hope’s computerized library. Additionally, students will meet in small groups with an upperclass student mentor to discuss studying for particular courses.

Credit counts toward semester course load but not toward the 126 hours required for graduation. This course may be taken once for credit and may be repeated on an audit basis. Instructor’s permission required for sophomores and above. Course is available on a pass/fail basis only.

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 rather than on specific content or knowledge. 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 Hours 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.

Three Hours Staff Both Semesters

123-124. Two Souls of Germany — See listing under German, page 213.

133-134. The Golden Age of Greece — See listing under Greek, page 206.

171. Cultural Heritage I — An introduction to some of the central events, questions, and concerns of Western culture through the early Renaissance, viewed through the perspectives of the humanities, principally literary studies, history, and philosophy, but also drawing upon classics and the history of art, music, and religion. Students will explore, apply, and integrate the questions that the different disciplines within the humanities ask about Western culture and will gain insight into the shared interests and concerns of those disciplines by examining central ideas that have informed and influenced the development of Western culture and that show its ongoing significance. Fulfills half of the cultural heritage credit of the general education curriculum. If students who take this course elect to fulfill their core requirement in cultural heritage with courses in one of the disciplines (English
231-232, History 130-131, or Philosophy 219-220), they must take two of those courses, not one.

Four Hours Staff Fall Semester

172. Cultural Heritage II — A continuation of IDS 171, beginning with the late Renaissance. Fulfills half of the cultural heritage credit of the general education curriculum.

Four Hours Staff Spring Semester

280. Contemporary Issues in Japan — See listing under May, June and Summer Study Abroad Programs, page 293.

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. Topics to be offered during 1996-97 include: Encounter with Cultures (Both Semesters) and Fine Arts for the Elementary Teacher (Spring Semester).

Two to Four Hours Staff

INTERNSHIP PROGRAMS (Also see “Off-Campus Study Opportunities,” page 286; “Domestic Study Opportunities,” pages 295-297; and “Internships,” page 299.)

The Philadelphia Center: Great Lakes Colleges Association Liberal Arts Program for Professional Development and Field Study

The Philadelphia Center: Great Lakes Colleges Association Liberal Arts Program for Professional Development and Field Study is designed to introduce students to life in the city: as a challenging intellectual field for study and as a place to examine and apply concepts and values they have learned in their liberal education on campus. The program provides opportunities to blend theory and experience in a professional, academic, and stimulating environment; to acquire understanding of various fields of work, and to identify and develop skills in those fields; to investigate and analyze a city as a system of human interaction; and to develop intellectually, personally, socially, and responsibly in an urban environment.

Students must be full-time participants for 16 semester hours.

None of the following courses is intended to replace either departmental or core requirements, but may do so by special arrangement (e.g., student teaching).

351. Field Placement — Students work four days a week with professionals in well-supervised placements in social agencies, businesses, schools, community groups and other programs. Placements are available in profit and nonprofit, public and private, large and small organizations. Students work and learn in law offices, arts organizations, programs for children with various disabilities, large corporations, television stations, medical research projects, advertising agencies. With over 500 placements on file and a vast network of resources, special field placement requests can be satisfied. Further information is available from the Philadelphia Center representative on campus, the Career Services Office, and from the program directly.

352. City Seminar — Students examine life and patterns of interaction in four separate transdisciplinary courses. They focus on such areas as: humanistic psychology, systems analysis, and management science; inter/intrapersonal relations, organization theory, and the philosophy of experience; aesthetic development and visual literacy; literary theory and folklore; socioeconomic, historical, and cultural anthropology and community development; political science, sociology, and urban politics. Each uses a variety of learning resources, including arts, humanities, social science, and physical science theories and methods, perceptual analysis, students' research, and analysis of personal experience.
Organizational Cultures — This seminar offers the student the opportunity to complement the field placement by identifying, observing, analyzing and judging how the organization in which they are working displays its personality. Students will develop an understanding of the importance and impact an organization's traits have on its ability to achieve its goal or mission.

Power and Authority in Texts and Institutions — Ways of knowing, perceiving and doing, and textual practices are tied to institutional and corporate authorities and arrangements. Often, what underlies these practices is discourse. This course will be organized around the six different discourses, highlighting specific topics such as AIDS, computers, fundamentalism, liberal arts, education, race, and rape, from the perspectives of scholars, researchers, critics, theorists, fiction and nonfiction writers and essayists.

Urban Economics — Economic theory offers many positive suggestions for resolving common urban problems such as homelessness, poverty, transportation, pollution. In this seminar, students will acquire and apply the tools of economic analysis in their search for solutions to society's most pressing problems.

Urban Political and Social Issues — This course offers an opportunity to examine critically a variety of urban systems, with a concentration on criminal justice and social issues. The approach is pragmatic, encouraging an experiential understanding of some problematic aspects of society. Students explore how certain factors affect major urban policies and programs, their histories, trends, conflicts, controversies, current problems, and prospects.

360. Study of Urban Issues — These transdisciplinary elective courses concentrate on the aesthetic, psychological, sociological, scientific, economic, and political aspects of urban life. They are taught by academics/practitioners in relevant fields. Topics vary; some of those offered recently have been:

Electives

African American Literature — This course deals with the social context of African American literary development from the time of the Harlem Renaissance to the present.

Architecture of Cities — The object of this course is to develop an understanding for the process of the design and planning of cities. The course traces the architecture of cities from their earliest village form to their post-industrial, high-rise development.

Exploring the Performing Arts — In this course, students will explore the performing arts in an urban context, examining jazz, dance, theater, and performance art as unique disciplines, investigating aesthetic principles both common and disparate to these disciplines, and considering our role as the audience.

Exploring 'Relationship' in Fiction and Film — This literature/women's studies course will explore and interrogate adult relationships of men and women in film and fiction.

Interface Between Psychology and the Law — This course serves as an introduction to the growing overlap area between psychology and the law. Course topics include: involuntary civil commitment; the dangerous patient; rights of patients; child abuse; juvenile proceedings; legal insanity and criminal law issues. Real-life case studies will be utilized to illustrate various topics and principles.
Investment Management — The objective of this course is to develop an understanding of the principles of investment as well as achieve a working knowledge of the various types of financial instruments available in today's increasingly complex markets.

Marketing Management — This course explores the dynamics of the marketing momentum that organizations develop as they reach out to consumers. The course deals with the positive and negative impact marketing has in our lives and society.

Principles of Finance — This course is designed to provide the essential elements for understanding financial management and the decision making that it requires. Topics include: valuation techniques, capital budgeting, capital structure theory, cost of capital, dividend policy, leverage, risk, and the time value of money.

PR'isms of Difference: Exploring the Politics of Identity — This is a multidisciplinary course examining individual, collective, and political identities of difference, how difference becomes institutionalized and how it impacts our behaviors and our perceptions and attitudes.

Social Justice — This course explores a number of areas which may be defined within the broad heading “Justice.” Students take realistic and critical looks at the legal, social, psychological, and political effects of the justice system on people and cities.

Theory and Practice of Psychotherapy — This course explores approaches, theories, and techniques used in psychotherapy and counseling professions.

Urban Ministry — The focus of this elective will be on Christian urban ministry programs, and the beliefs and communities which inspire and sustain them.

Directed Study — The three most common reasons for GLCA students electing to do a directed study are 1) they are working on a research project on campus and wish to continue it in Philadelphia; 2) they wish to study a subject that is unavailable for study on campus; 3) they have particular interests in course requirements that are not satisfied by our offerings (i.e., Social Research Methodology). Usually, only two or three students elect this option each semester.

Students must present a directed study plan which includes the subject or topic to be studied, the method for study (including the name of GLCA faculty mentor), and the criteria for evaluation. The Executive Director must approve all plans prior to their execution. The deadline for approval is the third week of the semester.

Urban Teaching Internships

These internships have two components, Student Teaching and the Perspectives course.

Educ. 470U. Student Teaching in the Urban Elementary School — Student teaching, supervised by faculty members of the Philadelphia Center, is done in cooperation with several school systems in Philadelphia. Students must apply for student teaching during the second semester of their junior year. Ten Hours

Educ. 480U. Student Teaching in the Urban Secondary School — Student teaching, supervised by faculty members of the Philadelphia Center, is done in cooperation with several school systems in Philadelphia. Students must apply for student teaching during the second semester of the junior year. Eight Hours (Maximum)
INTERDISCIPLINARY STUDIES

Educ. 485U. Student Teaching in Elementary and Secondary Schools — Student teaching, supervised by faculty members of the Philadelphia Center, is done in cooperation with several school systems in the city in Philadelphia. Experience is provided in both the elementary and secondary level, enabling students majoring in art, music, and physical education to obtain K-12 certification. Students must apply for student teaching during the second semester of their junior year.

Ten Hours (Maximum)

Educ. 500U. Perspectives in Education — A study of the organizational and operational aspects of American education. Current educational practices, issues, and problems will be examined in historical, sociological, and philosophical perspectives. Taken in conjunction with Student Teaching.

Four Hours

The Chicago Metropolitan Semester Program

The Chicago Metropolitan Center 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 CMC’s Loop Center. Also required is the three-week Values Module.

Values Module — The Values Module is a three-week course that is required for all participants in the CMC Program. The content of the module centers on value theory; its aim is to enable students to discuss with clarity value-related questions which arise naturally on a program emphasizing urban issues.

Sixteen hours of academic credit can be earned through the CMC Program. To achieve this number of credits, students must take the internship course plus two of the three seminars offered.

Over 350 different internships are available to students who participate in the CMC Program. Students with almost any major interest can find work placements suitable to their vocational plans. The range of possibilities include 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 Metropolitan Center staff.

The following is a description of the seminars offered at the Center:

Fine Arts Seminar — An investigation of urban cultural life as reflected in the arts of Chicago. Data for exploration are gathered by attendance at plays, concerts, movies, and art galleries. This primary information is processed through readings, lectures, and classroom discussion. Major emphasis is on the question, “What is art?” The seminar operates on the premise that art mirrors the ideas and values held by a particular society or civilization and that students can be helped to read this cultural mirror more effectively.

Metropolitan Seminar — A broad survey of the major issues in the life of the metropolitan community of Chicago. The seminar explores the economic, educational, political, and social welfare systems of the city through field trips, readings and lectures. The seminar examines the meaning of living in an urban environment, the nature of the relationship between the city and the suburbs, and the relation of national priorities to the quality of life in urban centers.

Values and Vocations Seminar — This seminar builds on student experience. Course content centers on the nature of work in today’s society. Through lectures and readings, students study changes in the marketplace, and the impact these
INTERDISCIPLINARY STUDIES

changes have had on the dignity and meaning of labor. Included in this study is a vision of work which serves not only the individual but the social needs of communities of people. This course meets the Senior Seminar core requirement.

The New York Arts Program

Hope College students may take a semester in New York as part of the Great Lakes Colleges Association Arts Program. New York City's unique resources — for instance, its museums, the Lincoln Center for the Performing Arts, professional theaters, lecture series, etc. — make possible an experience of the legacy of American art as well as its dynamic present.

389. This program is designed to provide those students seriously interested in the performing, visual, and communication arts with an opportunity to experience the world of the established professional artists in New York City. A qualified student spends one semester or term living in New York as an apprentice to a producing artist or with an organization in the arts. At the same time, students participate in a specially designed program of area studies conducted by professionals, including GLCA staff members, in various areas of the arts. Applicants must consider themselves as beginning professionals and must have a mature, responsible attitude toward their art. Applicants should plan to visit New York City for an interview. Resident GLCA staff members assist students in finding both apprenticeships and housing. The program has two main goals: To provide advanced experience and knowledge in highly focused art areas (primarily through the apprenticeships) and to provide a broadened knowledge of all the arts as currently practiced in New York (primarily through the area studies). The means of achieving these goals are adapted to the requirements of the individual participants.

Approval by the department is required prior to the student's registering for the program, and the department must approve the student's individual program before credit will be granted. The GLCA Arts Program should preferably be taken in the junior year or first semester of the senior year, although it is open to a few qualified sophomores. The registrant must be accepted into the program by the Director of the Program.

See also: Art 389, English 389, and Theatre 389.

The Washington Semester Program

This program introduces students who have excelled in a variety of disciplines to the process of national government and politics in the setting of the nation's capital. Twelve students, selected from superior departmental majors, will attend biweekly seminars; take interviews with lobbyists and members of the legislature, executive, and judicial branches of government; and participate in internships of several kinds, in an effort to build skills related to future vocations for which their majors have prepared them. For further information, see pages 296-297.

359. May be used as a module in the program which is tailored to each student's vocational interests.

The Oak Ridge Science Semester

This Great Lakes Colleges Association program offers students majoring in the natural or social sciences, mathematics or computer science the opportunity of studying and doing research for a semester at the Oak Ridge National Laboratory in Tennessee. See the detailed program description on pages 295-296.
THE SENIOR SEMINARS

The Hope College catalogue 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 core 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 three-hour 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 Metropolitan Semester Program above.) Courses should be taken by second-semester juniors and seniors unless by special permission from the Director of Interdisciplinary Studies.

400. Religious Perspectives in the Drama — An examination of the ways in which various religious perspectives, value systems, and world-views are reflected in drama, primarily of the modern period but with attention given also to the Greek, classical, and medieval theatre. Christian and non-Christian perspectives in drama will be considered and compared. Students will read selected plays, be responsible for oral presentations, and prepare a life-view paper attempting to clarify and organize their own perspectives and values.

401. Christianity and Contemporary Culture — An exploration of what it means to be a Christian in the modern world through reflection on the problem of Christ and culture in general and on such specific contemporary issues as Wealth and Poverty, Male and Female, War and Peace, Crime and Punishment. The goal is to connect biblical and theological thinking with the society in which we live and, conversely, to evaluate our culture from an authentically Christian perspective.

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.”

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.

411. Autobiography — Students will write interpretive autobiographical accounts of their life and experiences with the help of some integrating principles or “controlling images” of their own personal choice. Reading and discussion will focus upon contemporary literary, psychological and theological sources as well as biblical materials.

413. Existence and the Christian Faith — An inquiry into the Christian interpretation of the human situation through the study of existentialists such as Sartre,
Camus, and Heidegger, and such Christian thinkers as Kierkegaard, Niebuhr, and Tillich.

**414. Ethics in Modern Society** — A course in the practice of ethics. Each student explores a contemporary ethical question in light of the historic Christian faith. The subject areas are War and Peace, Justice, Sex and Love, Death and Life.

**Three Hours Staff**

**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.

**Three Hours Barney, Cronkite, Williams**

**431. Female, Male, Human** — This course examines what it means to be female and male in Western culture. Theological, philosophical, psychological, and biological perspectives are included, be they scientific or pseudoscientific, academic or popular, as we examine how we have been defined by gender. Readings and discussion will be grounded in our personal lives, values, and Christian perspectives.

**Three Hours 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.

**Three Hours Everts**

**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 Hours 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.

**Three Hours Verhey**

**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.

**Three Hours Perovich**

**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.

**Three Hours Curry**
INTERDISCIPLINARY STUDIES

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.

Three Hours 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 starts 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.

Three Hours Gonthier

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.

Three Hours 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 Hours Staff Both Semesters
Faculty: Mr. Sobania, Director.

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, International Economics, Government, International Law, History, Sociology and the Arts.

In addition to the normal sequence of courses taken to satisfy the general requirements of Hope College, 22 hours of required courses and a modern language successfully completed through the second year level or demonstrated equivalency, plus six additional courses with either an economic-political science focus, or a cultural-historical focus are needed to complete the International Studies Composite Major.

Furthermore, it is strongly recommended that students participate in an international, off-campus program for at least a semester and preferably for a full year. Credits earned in such programs for parallel courses may be substituted for requirement or elective courses at the discretion of the major's advisor. Students contemplating the International Studies major should consult with Dr. Neal Sobania, the Director of International Education.

MAJOR CORE COURSES

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<tr>
<th>Economics 211 or 212</th>
<th>Principles of Macro/Microeconomics</th>
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<tbody>
<tr>
<td>History 355</td>
<td>History of U.S. Foreign Policy</td>
</tr>
<tr>
<td>Political Science 251</td>
<td>International Relations</td>
</tr>
<tr>
<td>Sociology 151</td>
<td>Introduction to Cultural Anthropology</td>
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</tbody>
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One history and one political science course from the following Africa, Asia and Latin America courses:

- History 260, 280, 310, 312, 370
- Political Science 262, 264, 270, 303

A modern language successfully completed through the second year level or demonstrated equivalency.

STRONGLY RECOMMENDED: a year or semester overseas study-abroad program.

OPTION A: Economics/Political Science Focus

<table>
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<tr>
<th>Economics 311 or 312 (Intermediate Macro/Microeconomics) or Political Science 378 (American Foreign Policy)</th>
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<tbody>
<tr>
<td>Economics 401 (History of Economic Thought) or Political Science 342 (Modern Political Thought) or Political Science 344 (Twentieth Century Political Philosophy)</td>
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<tr>
<td>Economics 402 (Comparative Economic Systems) or Economics 404 (Economic Growth and Development)</td>
</tr>
<tr>
<td>Political Science 352 (International Law, Organization and Systems)</td>
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<td>2 additional courses from among the following; others by arrangement</td>
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<table>
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<tr>
<th>Economics 318</th>
<th>International Economics</th>
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<tr>
<td>Political Science</td>
<td>210 Political Geography</td>
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<tr>
<td>Sociology 311</td>
<td>Population Studies</td>
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<tr>
<td>Sociology 312</td>
<td>Urban Sociology</td>
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or from any of those options not taken under Option A
OPTION B: Cultural/Historical Focus
Six (6) courses from those listed below with at least one each in the arts, history and religion. Additionally it is required that 3 (and recommended that 4) of these 6 courses be area specific to Africa, Asia, Europe or Latin America. Other regional areas are sometimes possible through specialized readings courses.
The Arts: Art History courses numbered 300+ (except 366), Theatre History courses numbered 300+ (except 306)
History: Any non-U.S. history course numbered 200+
Modern Languages: Any literature or civilization course numbered 300+
Philosophy: 235
Religion: 141, 221, 241, 243, 343
Faculty: Mr. Kraft*, Chairperson; Ms. Eaton, Mr. Fritz, Ms. Irwin, Mr. Kreps, Mr. Northuis, Ms. Odland, Mr. Patnott, Mr. Ray, Mr. Ricketts, Mr. Ray Smith, Mr. Steve Smith**, Mr. Van Wieren, Ms. Wolters. Assisting Faculty: Ms. Beltman, Mr. Bos, Ms. DeBruyn, Ms. Karafa, Ms. Kuipers, Mr. Neil, Ms. Page, Mr. Teusink.

The curriculum of the Department of Kinesiology is designed to provide the undergraduate student a strong liberal arts background in addition to a major concentration in physical education, exercise science, or athletic training.

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 trainers
• 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 currently leading satisfying careers as:
• exercise physiologist and director of campus recreation at a larger state university
• teacher and coach at a Midwest college
• professor of motor learning at a major Midwest university
• physical therapist in a large urban hospital in the East
• teachers and coaches in many elementary and secondary schools around the nation
• director of hospital wellness program
• program director of private health facility
• physiologist of wellness facility
• athletic director of state university
• athletic trainers in colleges, high schools, sports medicine clinics, and the NFL

PROFESSIONAL OPPORTUNITIES: Many students will find courses in the Department of Kinesiology helpful in preparation for their future professional vocation. The department has major concentrations in athletic training, teaching/coaching, and exercise science. See chairperson for particulars. With a major in this department students have the opportunity to become elementary teachers, secondary teachers, college professors after graduate work, coaches, athletic trainers, nutrition advisors, athletic directors, sport announcers, sport journalists, managers of sports facilities, administrators with professional sports teams, physical therapists, occupational therapists, physical education directors, cardiac rehabilitation directors, or exercise physiologists.

*Sabbatical Leave, Fall Semester 1997
**Sabbatical Leave, Spring Semester 1998
KINESIOLOGY

WORK/INTERNSHIP PROGRAM: Opportunities to apply theories and principles developed in the classroom are available for all students planning to major or minor in kinesiology. Consult the staff for a copy of the program for your particular area of interest.

REQUIRED KINESIOLOGY: To be liberally educated, persons 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 students are required to take Health Dynamics, KIN 140, during one of the first two semesters on campus. This is a two credit hour course and fulfills the college core requirement in kinesiology. Students are encouraged to take four additional 100 level activity courses in their remaining years at Hope.

APPLICATION PROCEDURES: Major concentrations are available in three areas — physical education, exercise science, and athletic training. Each major concentration has prerequisite requirements. Consult the department chair as soon as possible in your college career.

PHYSICAL EDUCATION MAJORS: The major in physical education consists of a minimum of 32 hours within the department. Physical education courses 101-199 do not meet this requirement. Required courses in addition to Education Department requirements are: Biology 221; Kinesiology 201, 205, 222, 223, 301, 330, 344, 345 (for elementary PE majors), 346 (for secondary PE majors), 350, and 221 or 383.

EXERCISE SCIENCE MAJORS: Exercise science majors must take a minimum of 28 hours within the department. Required courses are Biology 221 and 222; Kinesiology 221, 222, 223, 307, 323, 324, 325, 383, 499, and one research methods course.

ATHLETIC TRAINING MAJORS: Athletic training majors must take 29 hours within the department plus internship credit (8 hours maximum). Required courses are Biology 221, 222 and 240; Kinesiology 198, 203, 205, 221, 222, 223, 298, 307, 340, 398, 401, 402, 403, 404 and 498; and Psychology 100 and 420. Entrance into the athletic training major is competitive. Interested students must complete an application form, obtain letters of reference, and be interviewed. Application materials are available from the program director.

TEACHING AND COACHING MINORS are available. A minimum of 20 hours is required. Kinesiology 330 is required for a coaching minor and Kinesiology 344 is required for a teaching minor. Consult with the department chair for further recommendations.

Kinesiology Courses

101-199. Physical Education Activities — Courses chosen by upperclassmen, during the last three years of undergraduate work. It is recommended that each student continue to carry out the principles set forth in Kinesiology 140 and attempt to meet the guidelines established in this course. Beginning level (101-139) and intermediate level (150-199) are offered for the student. The activities offered include fencing, aerobics, powerlifting, racquetball, tennis, badminton, swimming, jogging, lifeguard training, and a number of intermediate level activities.
121. Physical Activity for Injured Students — This course is designed to help students who have been injured in a physical education class rehabilitate from their injuries. It is also available for students who cannot, upon the advice of their physician, be integrated into Health Dynamics. Prerequisite: Permission of instructor.

One Hour Ray Both Semesters

140. Health Dynamics — Course for all first year students. This course will establish the knowledge of diet, stress management, and exercise as it relates to fitness and health and will provide an opportunity for the student to personally experience those relationships by putting into effect an individualized program appropriate to the student’s needs and interests.

Two Hours Staff Both Semesters

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, 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: admission into the athletic training major.

One Hour Ray 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 required in areas of deficiency.

Four Hours Wolters, Kraft Fall Semester

203. Health Education — This course is designed to give the student a contemporary look at American health problems. Such areas as mental health, physical fitness, diet and nutrition, reproduction, morals, stimulants and depressants, communicable diseases, senses, and organic systems will be studied and discussed.

Three Hours R. Smith Spring Semester

205. Safety, First Aid, and C.P.R. — This course provides the student with American Red Cross certification in standard first aid and cardiopulmonary resuscitation. There is a heavy emphasis on “hands-on” laboratory skills. Prerequisite: Permission of instructor.

Two Hours Fritz Both Semesters

221. Anatomical Kinesiology — The muscle-skeletal system and its action, with special reference to the fields of dance and kinesiology, are studied in detail. Same as Dance 221.

Three Hours Irwin Both Semesters

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. Prerequisites: Biology 111 or 112 and 221.

Three Hours Patnott Spring Semester

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 Hour Staff Spring Semester
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 Hours  Bos  Spring 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 for an individual or team sport. Prerequisite: admittance into the athletic training major.  

One Hour  Ray  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 instructor.  

One-Three Hours  Staff  Both Semesters or Summer

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 Hours  S. Smith  Spring 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. Prerequisite: written permission of instructor.  

Three Hours  Eaton  Fall Semester

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 KIN 307 prior to taking this course.  

Three Hours  Patnott  Spring Semester Odd Years

323. Exercise Science and Health — Designed to familiarize the student with specialized knowledge in exercise science with application to health and fitness, advanced level. Prerequisites: Biology 111 or 112, KIN 222, 223 (Lab). Preferred: Biology 221.  

Three Hours  Patnott  Fall Semester

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: Biology 111 or 112, KIN 222, 223, 323.  

Three Hours  Northuis  Fall Semester

325. Science and Development of Endurance, 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.  

Three Hours Staff Fall Semester

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.  

Three Hours 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 knowledge needed to deal with people. One night class per week.  

Three Hours Kreps Fall Semester

331. Coaching Swimming and Track — The fundamentals of these sports and the techniques and theories of coaching them are analyzed. Not offered on a regular basis.  

One and One-Half or Three Hours Patnott, Northuis

332. Coaching Football and Baseball — The fundamentals of these sports and the techniques and theories of coaching them are analyzed. Not offered on a regular basis.  

One and One-Half or Three Hours Kraft, Fritz

334. Coaching Basketball and Soccer — The fundamentals of these sports and the techniques and theories of coaching them are analyzed. Not offered on a regular basis.  

One and One-Half or Three Hours Van Wieren, S. Smith

335. Coaching Softball and Volleyball — The purpose of this course is threefold: 1) exploration and analysis of skill techniques; 2) effective game strategies; 3) coaching competencies. Not offered on a regular basis.  

One and One-Half or Three Hours Wolters

340. Prevention and Care of Athletic Injuries — This course provides the student with an introduction to the knowledge and skills essential for the proper prevention and care of athletic injuries. It is designed primarily for students contemplating careers in athletic training, sports medicine, coaching; and exercise science. Prerequisite: KIN 205.  

Three Hours Beltman Spring Semester

344. Basic Methods of Teaching Physical Education and Lab — 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 two days per week in lecture and two days per week in laboratory settings.  

Four Hours S. Smith Fall Semester

345. Methods of Teaching Early Physical Education and Lab — This course is taken after KIN 344 and applies the principles learned and mastered in KIN 344 to the situations encountered in the elementary school setting. Prerequisite: KIN 344.  

Three Hours Fritz Fall Semester

346. Methods of Teaching Secondary Physical Education and Lab — This course is taken after KIN 344. Emphasis will be placed on development of sport specific unit planning for the secondary level. Application of material presented in KIN 344 will be required. Task analysis of a chosen curricular sport will also be expected. Two days per week will be in classroom lecture/discussion and one day in a practical lab setting. Prerequisite: KIN 344.  

Three Hours S. Smith 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.

**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: Psychology 100.

**Three Hours S. Smith Fall Semester**

**383. Mechanical Analysis of Human Movement** — Basic mechanical 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 Hours Eaton Spring Semester**

**395. March to Hope** — A week-long, multicultural backpacking/survival experience. Each participant is paired one-on-one with a youth from an inner city or rural environment. A challenging environment aids in the development of meaningful individual and group relationships. Includes course requirements prior to and after the march. Same as EDUC 395.

**Two Hours S. Smith Summer**

**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 as athletic trainers for an individual or team sport. Students may be assigned to one or more three-month off-campus clinical affiliations. Students at this level will develop instructional skills by acting as peer-supervisors for level I and II students. Clinical experiences are accompanied by a one-hour seminar each week. Prerequisite: admittance into the athletic training major.

**One Hour Ray 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 curriculum, but may be of interest to pre-medical and pre-physical therapy students.

**Three Hours Karafa Fall Semester Even Years**

**402. Therapeutic Exercise** — This course helps students understand the theory and application of exercise methods and routines commonly used in athletic training and sports medicine clinical settings for the treatment of athletic injuries. It is primarily intended for students in the athletic training education curriculum, but may be of interest to pre-medical and pre-physical therapy students.

**Three Hours Ray Fall Semester Even Years**

**403. Advanced Assessment of Athletic Injuries** — This course helps students understand the theory and application of various assessment methods used to evaluate athletic injuries. It is primarily intended for students in the athletic training education curriculum, but may be of interest to pre-medical and pre-physical therapy students.

**Three Hours Karafa Spring 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.

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.

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 certification examination of the National Athletic Trainers Association by completing a mock oral-practical examination. Students may be assigned as athletic trainers for an individual or team sport. Students will be assigned to one or more three-month off-campus clinical affiliations. Students at this level will develop instructional skills by acting as peer-supervisors for level I, II, and III students. Clinical experiences are accompanied by a one-hour seminar each week. Prerequisite: admittance into the athletic training major.

499. Special Studies in Exercise Science — This class is designed to give the 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.
Faculty: Mr. Pennings, Chairperson; Ms. Andersen*, Ms. Delfino, Ms. DeYoung, Mr. Hahn, Mr. Koch, Mr. Stephenson, Mr. Stoughton, Mr. Swanson, Mr. Tanis**, Mr. Vandervelde, Mr. Van Iwaarden.

Mathematics is the study of patterns, which may be quantitative or spatial. The mathematics department offers courses which serve as a fundamental part of 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, management or science.

The department also provides opportunities for independent study and research. Research projects have been conducted by students with faculty members in the areas of mathematical modeling, chaos theory, dynamical systems, statistics, topology, real analysis, algebra, combinatorial group theory, number theory, computer graphics, combinatorics, and plane symmetry groups.

MATHEMATICS MAJOR: The requirements for an A.B. degree in mathematics is a plan of study designed in consultation with a departmental advisor and approved by the department. Each plan of study must include:
   a) MA 131, 132, 231, 232, 331, 341 and 399
   b) One of the following sequences: MA 331-332, 341-342, or 361-362 (Mathematics Education majors may substitute MA 351 for this requirement if the sequence is difficult to schedule).
   c) A minimum of four 3-credit hour courses numbered above 310.

All majors are encouraged to complete Computer Science 120 or its equivalent. It is strongly recommended that all majors include a course in probability and statistics.

B.S. DEGREE IN MATHEMATICS: The requirements for a B.S. degree in mathematics is a plan of study designed in consultation with a departmental advisor and approved by the department. Each plan of study must include:
   a) All the courses listed in the definition of the mathematics major.
   b) Two of the following sequences: MA 331-332, 341-342, or 361-362.
   c) A minimum of six 3-credit mathematics courses numbered above 310.
   d) A minimum of 60 hours of courses from the natural science division are required. Mathematics and Computer Science courses count toward this 60 hour requirement.

MATHEMATICS EDUCATION MAJOR: The mathematics education major is intended only for students seeking elementary and/or secondary teaching certification. The requirements for the major in mathematics education are the same as those for the mathematics major. It is recommended that mathematics education majors include in their program Mathematics 351 and 321. Mathematics 323 is also required.

MATHEMATICS MINOR: A minor in mathematics consists of Mathematics 131, 132, 231, 232, plus an additional three-credit course numbered above 300. A minor in mathematics for students obtaining elementary certification may consist of

*Sabbatical Leave, Academic Year 1997-98
**Sabbatical Leave, Spring Semester 1998
Mathematics Courses

100. The Nature Of Mathematics — A general introduction to the discipline of mathematics. Topics studied may include number theory, combinatorics, probability and statistics, and geometry.

110. Quantitative and Statistical Analysis — Linear and quadratic equations and inequalities; geometric linear programming and simplex methods via computers; descriptive statistics, regression and correlation, normal, binomial, and t-distributions, estimation and tests of hypotheses; use of available software; rates of change and derivatives. Applications to problems in business and economics. Intended for business administration and economics majors. Prerequisite: two years of high school algebra.

121. Survey of Calculus — Differentiation and integration for functions of one and several variables. Applications to problems in social and life sciences and business. Prerequisite: Mathematics 110 or appropriate high school preparation for college calculus.

130. Precalculus Mathematics — 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. This course is intended only for those students planning to enroll in Mathematics 131. A graphing calculator is required. Prerequisites: two years of algebra and plane geometry in high school.

131. Calculus I — Functions, limits, continuity. Differentiation and Integration. Applications of the derivative and integral. Prerequisite: completion of Mathematics 130 with a grade of C or better or satisfactory placement examination score.


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. Topics include patterns, problem solving, sets, geometry, whole numbers, and operations. For prospective elementary teachers only.

206. Mathematics for Elementary Teachers II — A continuation of Mathematics 205. Topics include operations on rational and real numbers, measurement, statistics and probability. For prospective elementary teachers only. Prerequisite: Mathematics 205 or permission of the instructor.

210. Introductory Statistics — A general introduction to descriptive and inferential statistics. Graphs and numbers are used to examine data. Correlation and regression are used to examine relationships in paired data. Study of binomial and normal distributions. Estimation, confidence intervals, and tests of hypotheses. Minitab and a statistical calculator are used.
231. Multivariable Mathematics I — The study of $\mathbb{R}^n$ (with special attention to $\mathbb{R}^3$) including planes and lines; matrices and linear transformations; differentiation including divergence, gradient and curl; integration over regions, solids, curves and surfaces; vector fields including Green's, Stoke's, and the Divergence theorems. Prerequisite: completion of Mathematics 132 with a grade of C- or better.

Four Hours Both Semesters

232. Multivariable Mathematics II — The study of matrix algebra and systems of equations, first order differential equations, vector spaces and linear transformations including inner product spaces, linear differential equations, Laplace transforms, and systems of linear differential equations. Optional topics include nonlinear differential equations, series solutions, and special functions. Prerequisite: completion of Mathematics 231 with a grade of C- or better.

Four Hours Both Semesters

260. Discrete Structures — A survey of discrete mathematical concepts which are applicable to all of the natural sciences. Topics include sets, logic, relations, combinatorics, Boolean algebra, mathematical induction, and graph theory.

Three Hours

295. Studies In Mathematics — A course offered in response to student interest and need. Deals with particular mathematical topics which are not included in regular courses. Prerequisite: permission of instructor or department chairperson.

One, Two or Three Hours Both Semesters

310. Statistics For Scientists — An introduction to the area of statistics for students majoring in natural or social sciences. The probability distributions studied include the normal (Gaussian), binomial, Poisson, Student's $t$, chi-square and $F$. Statistical topics include estimation, tests of statistical hypotheses, non-parametric methods, regression and correlation, analysis of variance. Data collected by students and/or professors in the sciences form an integral part of this course. A student may not receive credit for both Mathematics 310 and Mathematics 361. Prerequisite: Mathematics 132.

Three Hours

321. History Of Mathematics — This course is designed to give mathematics students in secondary education 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 evolvement 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.

One Hour

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 Hours Spring Semester

331. Advanced Calculus I — The real number system, sequences, functions, continuity, uniform continuity, differentiation. Theory of integration. Prerequisite: Mathematics 231.

Three Hours Fall Semester

332. Advanced Calculus II — A continuation of Mathematics 331 including functions of several variables, series, uniform convergence, Fourier Series. Prerequisite: completion of Mathematics 331 with a grade of C or better.

Three Hours Spring Semester
334. Complex Analysis — Algebra and geometry of complex numbers, analytic functions, complex integration, series, conformal mapping. Prerequisite: Mathematics 232, or consent of department chairperson. Alternate years.

*Three Hours  Spring Semester 1998*

341. Algebraic Structures I — An introduction to algebraic systems including a study of groups, rings, and integral domains. Prerequisite: Mathematics 231, or equivalent.

*Three Hours  Fall Semester*

342. Algebraic Structures II — A continuation of Mathematics 341 including a study of topics in fields, Galois theory, advanced linear algebra. Prerequisite: completion of Mathematics 341 with a grade of C or better.

*Three Hours  Spring Semester*

345. Linear Algebra — Abstract vector spaces, matrices and linear transformations, determinants, canonical forms, the Hamilton-Cayley theorem, inner product spaces. Prerequisite: Mathematics 232.

*Three Hours  Fall Semester*

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: Mathematics 131 and junior standing, or permission of department chairperson. Alternate years.

*Three Hours  Fall Semester 1998*

361. Mathematical Probability And Statistics I — Descriptive statistics, exploratory data analysis, concepts of probability, probability as relative frequency, random variables, probability density functions, cumulative distribution functions, mathematical expectation, mean, variance. The probability distributions studied include binomial, geometric, Poisson, exponential, normal, and chi-square. Prerequisite: Mathematics 132. A student may not receive credit for both Mathematics 310 and Mathematics 361.

*Three Hours  Fall Semester*

362. Mathematical Probability And Statistics II — Continuation of Mathematics 361 emphasizing inferential statistics. Estimation, confidence intervals, testing of statistical hypotheses, regression and correlation, analysis of variance, control charts, non-parametric methods. Prerequisite: completion of Mathematics 361 with a grade of C or better.

*Three Hours  Spring Semester*

363. Laboratory For Mathematical Probability And Statistics I — This computer-based laboratory uses Maple to aid in the learning and understanding of probability. Corequisite: Mathematics 361.

*One Hour  Fall Semester*

364. Laboratory For Mathematical Probability And Statistics II — This computer-based laboratory uses Maple to aid in the learning and understanding of statistical concepts. Corequisite: Mathematics 362.

*One Hour  Spring Semester*


*Three Hours  Spring Semester 1999*


*Three Hours*
399. **Mathematics Seminar** — A course for senior mathematics majors which includes problem solving, student presentations on mathematical topics, mathematical modelling, and discussions on the history and philosophy of mathematics. Attendance at department colloquia for two semesters also required.

*Two Hours  Fall Semester*

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: Mathematics 331.

*Three Hours  Spring Semester*

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 Hours  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 Hours  Both Semesters*
MODERN AND CLASSICAL LANGUAGES

Faculty: Mr. de Haan, Chairperson; Mr. Agheana, Ms. Alvarez-Ruf, Ms. André, Ms. Catel, Mr. Forester, Ms. Hamon-Porter, Ms. Larsen*, Ms. Motiff, Ms. Mulroney, Mr. Nakajima, Mr. Nyenhuis, Mr. Osborne, Ms. Petit, Mr. Quinn, Ms. Reynolds, Ms. Strand-Hales. Assisting Faculty: Ms. Kallemeyn, Ms. Lucar.

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 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, 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
    (fall semester program in Queretaro)
  - 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. Eight 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

*Sabbatical Leave, Academic Year 1997-98
MODERN AND CLASSICAL LANGUAGES

- foreign service officers — U.S. cultural officers
- 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 Classical Studies (Classics, Ancient Civilization, Greek and Latin), French, German, and Spanish; and academic minors in Classical Studies (Classics, Ancient Civilization, 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.

CORE CURRICULUM

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.

Programs which combine concentrated language instruction with the study of cultural history are available to students in German and Greek. These programs, entitled *The Two Souls of Germany* and *The Golden Age of Greece*, combined with first- and second-semester language courses, fulfill 13 credit hours of the Cultural History and Language Requirement. For information concerning these two programs, refer to course listings IDS 125 (under German) and IDS 133-134 (under Greek).

The course offerings and the descriptions of major and academic minor programs follow under these headings:
- Classical Studies (Classics, Greek and Latin), page 203
- Dutch, page 208
- Education, page 145
- English As a Foreign Language, page 152
- French, page 209
- German, page 213
- Japanese, page 216
- Linguistics, page 218
- Russian, page 218
- Spanish, page 220

CLASSICAL STUDIES: Classics, Greek and Latin

Mr. Nyenhuis, Mr. Osborne, Mr. Quinn, Ms. Reynolds.

MAJOR IN CLASSICS: In order to fulfill the requirements for a major in Classics, a student must complete thirty (30) hours of course work in Classics. These thirty hours must include: fifteen (15) hours of Latin or Greek beyond the
Latin 172 level, and twelve (12) hours of the other language. A major is expected to acquire some knowledge of related fields, i.e., History and Archaeology. The department will counsel the student regarding source materials available in these fields.

**MAJOR IN LATIN:** The major is designed to lead students to linguistic competence and a well-rounded knowledge of Latin literature with emphasis upon the skills of language acquisition and knowledge of the culture in which the language evolved. This major is ideal for students preparing for advanced studies in Classics at the graduate level or seeking employment in primary or secondary education. It also provides a stimulating course of study for those simply interested in the language and culture of ancient Rome.

The academic major consists of 27 credit hours of Latin courses numbered 272 or higher.

Students preparing to teach at the secondary level are advised that the State of Michigan requires both Education 384 and 30 hours of credit in Latin at any level, including CLEP, in order to obtain certification.

**MAJOR IN ANCIENT CIVILIZATION:** A flexible major designed to provide a student with the opportunity to develop a well-coordinated, inter-disciplinary program in Classical Literature, History and Thought. The required thirty (30) hours must include: (a) twelve (12) hours of college-level work in ancient language; (b) six (6) hours of Ancient History, and (c) twelve (12) hours of courses in Ancient Art, Ancient Religion, Classical Literature in Translation, Mythology, Ancient Philosophy, or Ancient History not used for (b) above. The language component must include twenty (20) hours of Latin for those students wishing to use this field for a teaching minor. Electives for such students are reduced to four (4) hours.

A variety of study-abroad programs is available for study in Athens, Rome, or Jerusalem. Overseas programs should be reviewed by faculty from the the Classical Studies Section to insure that full credit is received.

**ACADEMIC MINOR IN GREEK:** A minor consists of a minimum of 19 credits in Greek and Classical literature in translation. A student may complete a minor by choosing either of the following options:

Option 1: 7 credits of Greek from IDS 133-134 or placement, 9 credits in Greek at or above the 200 level, and 3 credits in Classics 210, 250, or 372.

Option 2: 7 credits in Greek 171 and 172 or placement, 9 credits in Greek at or above the 200 level, and Religion 217 (Gospel Literature) or 218 (Pauline Literature) or 219 (Johannine Literature).

**ACADEMIC MINOR IN LATIN:** A minor consists of a minimum of 19 credits in Latin and Classics, selected as follows: Latin 171 and 172 or placement (7 credits), 9 credits in Latin at or above the 200 level, and 3 credits in Classics 215 or 250.

**MINOR IN ANCIENT CIVILIZATION:** A minor can be completed by choosing either of the following options:

Option 1: 13 credits in IDS 133-134 and one additional course in Greek and two 3-credit electives chosen from the requirements for a major in ancient civilization.
Option 2: 21 credits of course work, including 9 credits of college-level work in one ancient language. Classics 250 and Classics 210 (for Latin) or 215 (for Greek), History 130, and one 3-credit course selected from the following: Art 160 or 360, Philosophy 219.

Classics

*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. Students who enroll for Classics 210 will write a paper on a literary topic; those who enroll for History 210 will write a paper on an historical topic.

Three Hours Bell Spring Semester Even 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. Students who enroll for Classics 215 will write a paper on a literary topic; those who enroll for History 215 will write a paper on an historical topic.

Three Hours Bell Spring Semester Odd Years

*250. Classical Mythology — A study of the myths of Greece and Rome, using both secondary and original sources and stressing the vitality of mythological themes in modern European and American literature. A knowledge of the Latin and Greek languages not required. Open to all students.

Three Hours Staff Spring Semester

*275. Greco-Roman Backgrounds of the New Testament — This course surveys the political, social, and religio-philosophical context in which the New Testament was written. The aim is for students to see how understanding the milieu in which the New Testament originated can illuminate their understanding of the text itself.

Three Hours Bell Fall Semester Even 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.

Three Hours Bell Fall Semester Odd 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 or Three Hours Staff Both Semesters

*372. Greek Tragedy — An in-depth study and comparison of the complete works of Aeschylus, Sophocles, and Euripides. A knowledge of Greek or Latin not required.

Three Hours Staff Spring Semester

*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. Prerequisite: permission of instructor. Not offered in 1997-98.

Four Hours Larsen Spring Semester

*Courses indicated with an asterisk are offered in English and designed to acquaint the student with a foreign literature or culture.
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 or Three Hours Staff 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, Greek or Latin 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

Greek

IDS 133-134. The Golden Age of Greece — Concentrated introduction to the ancient Greek culture, which can be combined with Greek 171-172. This program, plus two courses elected from Block B of the Cultural History requirement, completes the 12-hour Cultural History and Language component of the core curriculum.  

Three-Three Hours/Semester Osborne, Nyenhuis, Wilson Fall/Spring Semester

171. Elementary Greek I — An introduction to the elements of grammar. For students with no previous study of Greek.  

Four Hours Osborne Fall Semester

172. Elementary Greek II — A continuation of Greek 171. Prerequisite: Greek 171.  

Three Hours Osborne Spring Semester

201. Classical Greek III — A continuation of Greek I and II which are included in IDS 133-34. Readings from Homer, Herodotus and Sophocles, with continuing reinforcement of grammar. Prerequisite: Greek 172, or IDS 134, or equivalent.  

Three Hours Osborne Fall Semester

202. Classical Greek IV — This course provides a transition from the study of grammar and the reading of edited passages in Greek III to the reading of unedited passages from orators such as Lysias and Demosthenes and from Plato’s version of Socrates’ final speech, the Apology.  

Three Hours Osborne Spring Semester

271. Introductory New Testament Readings — Selected readings from the Gospels and Acts. Prerequisite: Greek 172, IDS 134, or equivalent.  

Three Hours Osborne Fall Semester

272. Advanced New Testament Readings — Selected readings from the Epistles and Revelation. Prerequisite: Greek 271, IDS 134, or equivalent.  

Three Hours Munoa Spring 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. Permission of chairperson required.  

Hours to be Arranged Both Semesters

*Courses indicated with an asterisk are offered in English and designed to acquaint the student with a foreign literature or culture.
MODERN AND CLASSICAL LANGUAGES

301. Greek Epic — Reading from Homer’s *Iliad* and *Odyssey* and from Hesiod’s *Theogony* and *Works and Days*. Discussion of the social context of Greek epic poetry and its value as an historical source for the study of archaic Greek society.

*Three Hours  Osborne, Quinn  Fall Semester Odd Years*

302. Greek Drama — Readings from selected plays of Aeschylus, Sophocles, and Euripides. Discussion of the religious and social functions of Greek drama and its influence on later playwrights.

*Three Hours  Osborne, Quinn  Spring Semester Even Years*

303. Greek Historiography — Reading of selected passages from the major Greek historians. Discussion of the origins of the genre of historiography and its importance as an expression of the Greek spirit on inquiry.

*Three Hours  Osborne, Quinn  Fall Semester Even Years*

304. Greek Lyric Poetry — Reading of selected passages from the major lyric poets of the sixth and fifth centuries B.C. Discussion of the origins of the genre of lyric poetry, its social significance, and its influence on later poets.

*Three Hours  Osborne, Quinn  Spring Semester Odd years*

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 Three Hours  Osborne  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 Three Hours  Osborne  Both Semesters*

Latin

171. Elementary Latin I — An introduction to the elements of Latin grammar. For students with no previous study of Latin.

*Four Hours  Quinn, Reynolds  Fall Semester*


*Three Hours  Quinn, Reynolds  Spring Semester*

271. Intermediate Latin I — Review of grammar and vocabulary. Reading of some less difficult passages of Latin prose and poetry. Prerequisite: Latin 172, or placement.

*Three Hours  Quinn  Fall Semester*

272. Intermediate Latin II — Selected readings from classical authors. Prerequisite: Latin 271, placement test, or equivalent.

*Three Hours  Quinn  Spring 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. Permission of chairperson required.

*Hours to be Arranged  Both Semesters*

301. Literature of the Early Republic — Reading of plays by Plautus and Terence and selections from Lucretius’ *De rerum natura*. Discussion of genres of Roman comedy and epic poetry and the influence of Greek literature on Roman intellectual life in the early Republic. Also examines the impact of Latin poetry on Shakespeare and the French Enlightenment.

*Three Hours  Osborne, Quinn  Fall Semester Odd Years*

302. Literature of the Late Republic — Readings from authors of the last half-century of the Roman Republic. Emphasis on selections from Cicero’s orations and
letters, Sallust’s *Catiline*, and the poetry of Catullus and Horace. Discussion of the political upheaval of the period and its effect on these writers.

**Three Hours Osborne, Quinn Spring Semester Odd Years**

**303. Literature of the Early Empire** — Readings from authors of the first generation of the Roman Empire, the Augustan or Golden Age. Selections from Virgil’s *Aeneid*, Livy’s *History*, and the poetry of Ovid. Discussion of the relationship between literature and politics under the new regime of the Roman emperors.

**Three Hours Osborne, Quinn Fall Semester Odd Years**

**304. Literature of the Silver Age** — Readings from authors of the late first and early second centuries A.D. Selections from *Epistles* of Seneca and Pliny, Petronius’ *Satyricon*, and Juvenal’s *Satires*. Consideration of the effect of government censorship on literature and the relative merits of “Silver Age” writing in comparison to that of the ‘Golden Age.’

**Three Hours Osborne, Quinn Spring Semester Even Years**

**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 Three Hours Osborne Both Semesters**

**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 Three hours Osborne Both Semesters**

**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. Students will meet four times per week in a Master Class with a member of the faculty, and two times per week with a student Apprentice Teacher in a Review and Reinforcement Class. Laboratory work is also required. Conducted primarily in Dutch.

**Four Hours de Haan Fall Semester**

**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. Students meet three times per week in the Master Class and once a week in a Review and Reinforcement Class. Prerequisite: Dutch I, equivalent, or placement.

**Three Hours de Haan Spring Semester**

**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. Permission of chairperson required.

**Hours 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 Three Hours 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: permission of department chairperson.

Two or Three Hours 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. Required of those planning to teach these languages at the secondary level.

Two Hours Motiff Spring Semester 1997-98

French
Ms. Catel, Ms. Hamon-Porter, Ms. Larsen, Ms. Motiff.

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 37 credit hours of French, or a total of 10 courses of French, at the college level and approved by the chairperson. Students must take: a) 13 credit hours of French 101, 102, 201, and 202, placement, or equivalent; and b) 24 hours of courses numbered 295 or higher. The major must include a minimum of two 400-level courses. Students who study in France must take one 400-level course upon their return. A maximum of 16 credit hours in French from off-campus study may be applied toward the major.

Students preparing to teach at the secondary level are advised that the State of Michigan requires both Education 384 and 30 hours of credit in French, or the equivalent thereof through CLEP, in order to obtain certification. Students are strongly encouraged to include Linguistics 364. Those wishing to pursue graduate level study in French literature should take French 493 during their senior year.

MINOR

A French minor consists of a minimum of 21 credit hours, or a total of six courses of French, taken at the college level and approved by the chairperson. Of those hours, 8 must be at the 300 level or higher.
FRENCH/BUSINESS ADMINISTRATION DOUBLE MAJOR

In addition to on-campus courses in French and Business/Economics, students interested in a double major in French/Business Administration should consider a semester or full year in Dijon, the capital of French Burgundy. This program, administered by the Institute of European Studies, offers the following special features:

- One-semester study of European business management practices and international economics, offered in cooperation with l'Ecole Superieure de Commerce de Dijon, one of the leading business schools in France
- Full-year option available to students with advanced French language skills
- Courses available in both French and English
- Housing in French homes
- Field trips to companies and historic locations in Burgundy and other areas of Europe
- Selected internships available during the summer for students with advanced French language skills.

Majors and minors are strongly encouraged to complement their French major/minor with courses from other departments. Among recommended courses are:

Art 361, 365, 369 and 374; History 242 and 248; Music 323; Philosophy 230 and 342; Political Science 263; Theatre 153, 302 and 303.

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 and once a week in Drill class.

Four Hours Catel, Motiff 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.

Three Hours Hamon-Porter Both Semesters

201. French III - French Language and Culture — Continuation of French II. This course uses video segments of documentary material from French television to develop listening, speaking, reading and writing skills, and to address contemporary cultural topics such as the family, French college students, life in Francophone countries, immigrant experience in France, and the arts. Students meet three times per week with the instructor and once a week with the native assistant. Conducted primarily in French. Prerequisite: French II, equivalent, or placement.

Three Hours Hamon-Porter Both Semesters

202. French IV - Advanced French Language and Culture — Through authentic video and audio cassettes, conversation once a week with a native speaker, and the study of 19th and 20th century French authors such as Maupassant, Hugo, Camus, and Baudelaire, 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 primarily in French. Prerequisite: French 201, placement, or equivalent.

Three Hours Spring Semester

280. Practicum in French — Practical experience in the French language in various contexts such as teaching French in the Apprentice Teaching Internship or 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. Permission of chairperson required.

**Hours 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.

Two or Three Hours  Staff  Both Semesters


No credit  Fall Semester

311. Life Writings: Theory and Practice — An investigation of autobiography through reading, analysis, and discussion of life writings from France and francophone countries. Representative authors include Beauvoir, Colette, Djebar, Ernoux, and Sartre. Emphasis is on the development of writing abilities through students’ own autobiographical essays. The course includes a review of advanced grammar. Conducted entirely in French. Prerequisite: French 202, placement, or equivalent.

Four Hours  Motiff  Fall Semester

341. French Society from Marie de France to Louis XIV — An introduction to French cultural institutions from the Middle Ages to the seventeenth century. This course focuses on the political, literary and social aspects of three main periods in history that gave rise to the Gothic Cathedrals of the twelfth century, the Loire Castles of the Renaissance and the Palace of Versailles of Louis XIV. Conducted entirely in French. Prerequisite: French 202, or equivalent.

Four Hours  Motiff  Fall Semester

342. French Society from Voltaire to Beauvoir — An introduction to the intellectual, social, and artistic developments in French society from the eighteenth to the early twentieth century. Topics include the French Revolution; Paris and the provinces in works by Balzac, Baudelaire, and Flaubert; impressionist art; and existentialism. Conducted entirely in French. Prerequisite: French 202, placement, or equivalent.

Four Hours  Motiff  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, music, and video documentation. Conducted entirely in French. Prerequisite: French 202, placement, or equivalent.

Four Hours  Catel  Spring Semester

346. French for the Professions — A study of the economic, political, and social life of the Francophone world. Students will gain insight into the French and Francophone working environment and improve their understanding of commercial and every-day French through authentic materials such as newspapers, magazine articles, and videos. Conducted entirely in French. Prerequisite: French 202, placement, or equivalent. Alternate Years, 1998-99.

Four Hours  Hamon-Porter, Motiff  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. Prerequisite: French 102 or equivalent.

One-Half Hour  Staff  Both Semesters

441. The Contemporary French and Francophone Experience — An integrated study of literature, criticism, and film representing select major currents in French
MODERN AND CLASSICAL LANGUAGES

and Francophone culture and socio-political thought. Topics include the quest for cultural and linguistic identity, recognition, and independence in Francophone texts from Africa, Quebec, and the Caribbean; and the influence of women writers and theorists on French culture, literature, and the arts. Prerequisite: French 341 or 342, placement, or equivalent. Alternate years, 1997-1998.

Four Hours Catel Fall Semester

442. The Age of Revolution — An analysis of the conflicts between individuals or groups and social institutions during the revolutions of the late eighteenth and first half of the nineteenth century. Topics include the French Revolution; Napoleon's rise to power and legacy to French society, literature and the arts; the emergence of socialist and republican ideals for women and the working class; and the rise of French Colonialism. Representative writers, critics, and artist of the period include Balzac, Chateaubriand, Daumier, David, Delacroix, Gouge, Hugo, Laclos, Roland, Rousseau, Sand, Stael, and Stendhal. Prerequisite: French 341 or 342, placement, or equivalent. Alternate years, 1998-1999.

Four Hours Hamon-Porter Spring Semester

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. Prerequisite: French 341 or 342, or permission of instructor. Not offered in 1997-98.

Four Hours Larsen Spring Semester

490. Special Problems in French — 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 six credit hours may be counted toward the major. Prerequisite: permission of department chairperson.

Two or Three Hours Staff Both Semesters

493. Senior Research Project — An independent study designed to help students develop advanced research skills and culminating in a thesis or equivalent project. Not limited to the senior level. Prerequisite: one 400 level course in French and permission of department chairperson.

Three or Four Hours 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 experience. Prerequisite: French 341 or 342, placement, or equivalent. Alternate Years.

Four Hours Hamon-Porter, Larsen Spring 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. Approval of the chairperson is required.

Both Semesters
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 24 credit hours of German courses numbered 295 or higher, and must include at least one 400-level literature course. It is normally comprised of the following: German 310, 330, 351, 371, 372, 410, 452, plus 471 or 472 or 475. In addition, Linguistics 364 is required. Students planning overseas study should note that only 16 hours of such credit can be included in the major, and students returning from such programs should take at least one 400-level course upon their return.

Students preparing to teach at the secondary level are advised that the State of Michigan requires both Education 384 and 30 hours of credit in German or the equivalent thereof through CLEP, in order to obtain certification. Such students are also strongly urged to include Linguistics 364.

ACADEMIC MINOR IN GERMAN: A German minor consists of a minimum of 21 credit hours taken at the college level and approved by the chairperson. Of those hours, 9 must be at the 295 level or higher selected from among the following: German 310, 313, 330, 351, 352, 371, or 372. An alternate German minor consists of IDS 123-124, German 201-202, and two of the following: 310, 330, 371, or 372.

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.

IDS 125. Two Souls of Germany — An integrated language and culture course focusing on Germany from the Age of Goethe to the collapse of the Weimar Republic. It is strongly suggested that you be enrolled in a German language course simultaneously, based on placement. This course, plus two courses elected from the Cultural History requirement, completes the 12-hour Cultural History component of the core curriculum. As part of a German major, this course can replace German 351. 

Four Hours/Semester de Haan, Perovich, Wilson Spring Semester

101. German I — A course for beginners of German. The primary objective of this course is to enable the student to acquire beginning communicative skills in German. The secondary objective is to help the student develop insights into the German language world. Emphasis is placed on all four language skills: listening, reading, speaking and writing. Students meet four times per week in a Master Class and twice a week in Drill Class. Laboratory work is also required. Conducted primarily in German. 

Four Hours de Haan, Forester Fall Semester

102. German II — This continuation of German I is designed primarily to further the development of a comfortable communicative knowledge of German. A secondary objective is to expand students' insight into important aspects of German
culture. Emphasis on all four language skills: listening, reading, speaking and writing. Students meet three times per week in a Master Class and once a week in Drill Class. Laboratory work is also required. Conducted primarily in German. Prerequisite: German I, equivalent or placement.

Three Hours de Haan, 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 once a week in Drill Class with a native German assistant. Conducted primarily in German. Prerequisite: German II, equivalent, or placement.

Three Hours Strand-Hales Fall Semester

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 once a week in Drill Class with a native German assistant. Conducted primarily in German. Prerequisite: German 201, placement, or equivalent.

Three Hours Strand-Hales 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 2 credits from German 280 may be counted as part of a German major or minor. Permission of chairperson required.

Hours 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 Three Hours Staff Both Semesters

299. Apprentice Teaching Internship — A practical and contractual internship in teaching drill sections for German 101. Enrollment by selection.

No Credit Forester, Strand-Hales Fall Semester

310. Advanced Grammar and Composition — A review of the more sophisticated aspects of German grammar with emphasis on the continued development of writing competence in German through analysis of and exercise in various writing styles. Conducted entirely in German. Prerequisite: 202, placement, or equivalent.

Three Hours Forester, Strand-Hales Fall Semester

313. German for Business and Science — This course is designed to expand on communicative skills acquired in the audio-lingual sequence of German I-IV, with a focus on improving reading as well as the acquisition of a specialized vocabulary. Conducted largely in German. Prerequisite: German 202 and 310, placement, or equivalent. Alternate years, 1998-99.

Three Hours Strand-Hales Spring Semester

330. Advanced German Conversation — A course designed to develop aural and oral competence in German. Conducted entirely in German. Prerequisite: German 202, placement, or equivalent.

Three Hours Strand-Hales Spring Semester

351. The Development of Germanic Civilization — A study of the origins, development and significance of various aspects of Germanic civilization. Conducted entirely in German. Prerequisite: German 202, 310, 330, placement, or equivalent. Alternate years, 1998-99.

Three Hours de Haan, Strand-Hales Spring Semester

371. Introduction to German Literature I — A study of works in German literature from early literature to the present with a special emphasis on the genre
of poetry and drama. Conducted entirely in German. Prerequisite: German 202, placement, or equivalent.

Three Hours de Haan, Forester, Strand-Hales Fall Semester

372. Introduction to German Literature II — A continuation of German 371, with special emphasis on the genre of "Novella" and novel. Conducted entirely in German. Prerequisite: German 371, or permission of instructor.

Three Hours de Haan, Forester, Strand-Hales 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 1 credit of German 380 may be counted as part of a German major or minor. Prerequisite: German 102, placement, or equivalent.

One-Half Credit Staff Both Semesters

399. Apprentice Teaching Internship — A practical and contractual internship in teaching Drill sections for German 102. Enrollment by selection.

No Credit Forester Spring Semester

410. Advanced Stylistics — A refinement of skills in written rhetoric. Conducted entirely in German. Prerequisite: German 310, equivalent, or permission of the instructor. Alternate years, 1997-98.

Three Hours Staff Spring Semester

452. The Germanic World Today — A study of 20th century German culture including economic, political, sociological, and creative forces and their influence in today’s world. Conducted in German. Prerequisite: German 202, 310 and 330, placement, or equivalent. Alternate years, 1997-98.

Three Hours Strand-Hales Spring Semester

471. German Literature From the Middle Ages to the Classical Period — A study of German literature from the age of heroic courtly epics, to the Baroque, Enlightenment, and Classic (Lessing, Goethe, Schiller). Prerequisite: German 372, or permission of instructor. Every third year, 1998-99.

Three Hours de Haan Fall Semester

472. German Literature From Romanticism to Expressionism — A study of major works of significant 19th century authors (Novalis, Tieck, Brentano) and German bourgeois realism (Droste-Huelshoff, Moerike, Stifter, Storm, Keller, Meyer, Fontane). Conducted in German. Prerequisite: German 372, or permission of the instructor. Every third year, 1999-2000.

Three Hours de Haan Fall Semester

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, Zuckmeyer, and writers from East Germany). Prerequisite: German 372, or permission of instructor. Every third year, 1997-98.

Three Hours Strand-Hales Fall Semester

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. Prerequisite: German 371 or 372, or permission of instructor. Not offered in 1997-98. Four Hours Larsen Spring Semester

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 six
credit hours may be counted toward the major. Prerequisites: one 400-level course in German and permission of department chairperson.

Two or Three Hours Staff Both Semesters

493. Special German Studies — Preparation for a comprehensive examination in the major area of interest. Prerequisite: Permission of department chairperson.

Three Hours Staff 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 Three Hours Staff 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 2 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

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 hours of work divided between Japanese language study (a minimum of 16 hours) and courses from the Departments of History, Philosophy, Political Science, Economics, and Religion (a minimum of 16 hours) 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 21 credit hours taken at the college level and approved by the chairperson. Of these, 6 must be in courses numbered 295 or higher and up to 6 may be taken in a department other than Modern and Classical Languages, e.g., History, Philosophy, Political Science, Economics, Religion or other disciplines. A typical pattern of courses might be: Japanese 101, 102, 201, 202, IDS 280, 295; plus POL 301, REL 243, ECON 318, or 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. Students meet four times per week in a Master Class and twice a week in a Review and Reinforcement Class. Laboratory work is also required. Conducted both in Japanese and English.

**Four Hours 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. Students meet three times per week in a Master Class and twice per week in a Review and Reinforcement Class. 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.

**Three Hours 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. Students meet three times per week in a Master Class and twice per week in a Review and Reinforcement Class. Prerequisite: Japanese II, placement or equivalent.

**Three Hours Nakajima Fall Semester**

202. **Japanese IV** — A continuation of Japanese III with added emphasis on reading and writing skills. Students meet three times per week in a Master Class and twice per week in a Review and Reinforcement Class. Prerequisite: Japanese III, placement, or equivalent. Conducted primarily in Japanese.

**Three Hours 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. Permission of chairperson required.

**Hours 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.

**Four Hours May Term**


**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 primarily in Japanese. Prerequisites: Japanese 202 or equivalent.

**Three Hours 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.

**Three Hours Spring Semester**
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No credit 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 six credit hours may be counted toward the major. Prerequisite: permission of the department chairperson.

Two or Three Hours 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.

Three Hours Nakajima 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

Ms. Alvarez-Ruf.

295. and 490. Studies in Linguistics — A course designed to allow a professor to teach in an area of special interest and experience. Prerequisite: permission of instructor. A completed course proposal for 490 must be signed by instructor and approved by department chairperson.

Two or Three Hours Alvarez-Ruf Both Semesters

364. Introduction to Descriptive Linguistics — An introduction to the science of general and descriptive linguistics, with a consideration of problems and methods of the phonemic, morphemic and syntactical analysis of languages. Required for French, German and Spanish majors. Prerequisite: Junior standing, or permission of the instructor.

Three Hours Alvarez-Ruf Fall Semester

Russian

Mr. Forester.

ACADEMIC MINOR IN RUSSIAN STUDIES: A Russian studies minor consists of a minimum of 21 credit hours 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. Students meet four times per week in a Master Class and two times per week in a Review and Reinforcement Class. Laboratory work is also required. Conducted in English and Russian.

Four Hours  Forester  Fall Semester Every Third Year, 1998-99

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. Students meet three times per week in a Master Class and one hour per week with a native speaker. Prerequisite: Russian I, placement, or equivalent.

Three Hours  Staff  Fall Semester Every Third Year, 1998-99

201. Russian III — Continuation of Russian II with greater emphasis on reading. Culture will also be studied in additional depth. Students meet three times per week in a Master Class and one hour per week with a native speaker. Prerequisite: Russian II, equivalent, or placement.

Three Hours  Staff  Fall Semester Every Third Year, 1999-2000

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. Students will meet three times per week in a Master Class and once per week with a native speaker. Prerequisite: Russian III, placement, or equivalent.

Three Hours  Staff  Spring Semester Every Third Year, 1999-2000

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. Permission of chairperson required.

Hours 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 Three Hours  Staff  Both Semesters


No Credit  Forester  Fall Semester


No credit  Forester  Spring Semester

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 six credit hours may be counted toward a minor. Prerequisite: permission of department chairperson.

Three Hours  Staff  Both Semesters
499. Internship in Russian — This course provides supervised practical experience in international business, media, education or government. Normally junior status and the completion of at 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 or 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. Alvarez-Ruf, Ms. André, Ms. Kallemeyn, Ms. Lúcar, Ms. Mulroney, Ms. Petit.

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). In addition, Linguistics 364 is required. Students who study in a Spanish-speaking country must take one 400-level course upon their return. A maximum of 16 credit hours in Spanish with a grade of C or better from off-campus study may be applied to the major. Students planning on graduate study in Spanish are strongly urged to complete additional hours in literature as well as work in the history of literary criticism (normally Spanish 480).

Students preparing to teach at the secondary level are advised that the State of Michigan requires both EDUCATION 384 and 30 hours of credit in Spanish, or the equivalent thereof through CLEP, in order to obtain certification.

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, and 341. The teaching Minor includes in addition Linguistics 364 and Education 384.

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 language world. Emphasis is placed on all four language skills: listening, reading, speaking and writing. Class meets five days per week. Laboratory work is also required. Conducted primarily in Spanish.

Four Credits Alvarez-Ruf, Kallemeyn, Lúcar, Mulroney, Petit Fall Semester
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.

Three Credits Alvarez-Ruf, Kalleeeyn, Luchar, MJIroney, PetiBoth 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. Conducted primarily in Spanish. Prerequisite: Spanish 122, equivalent, or placement.

Three Credits Agheana, Alvarez-Ruf, Andre, Mulroney, Petit Both Semesters

222. Spanish IV — A continuation of Spanish III. Conducted in Spanish. Prerequisite: Spanish 221, placement, or equivalent.

Four Credits Agheana, Alvarez-Ruf, Andre, Mulroney, Petit Both Semesters

262. Spanish Phonetics — A study of Spanish phonetics. Intended for students who need to improve their pronunciation in Spanish. The class meets in the Language Laboratory. May be repeated for credit but may be counted only once as part of Spanish major or minor. Prerequisite: Spanish 221, placement, or equivalent.

One Credit Alvarez-Ruf 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 2 credits from Spanish 280 may be counted as part of a Spanish major or minor. Permission of chairperson required.

Hours 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 — 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, placement, or equivalent.

Four Credits Agheana, Alvarez-Ruf, Andre, Mulroney, Petit Both Semesters

322. Spanish VI — 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 or equivalent.

Four Credits Agheana, Alvarez-Ruf, Andre, Mulroney, Petit, Staff 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 or equivalent.

One Credit Agheana, Alvarez-Ruf, Andre, Mulroney, Petit Both Semesters

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 321, placement, or equivalent.

Four Credits Agheana, André Both Semesters

342. Modern Spain — An analysis of the political, religious, and social conflicts in Spain from 1808 to the present. Topics include major historical events (War of Independence, 1898, the Second Republic, dictatorship and democracy), the relationship between literature and society, and the emergence of “isms” (socialism, Marxism, anarchism, fascism, surrealism, feminism, modernism, post-modernism). Representative authors such as Larra, Bécquer, Galdós, Unamuno, García Lorca, Cela, Delibes, Laforet, Benet, or Muñoz Molina are studied. Conducted in Spanish. Prerequisite: Spanish 341 or equivalent.

Four Credits Agheana, André Both Semesters

344. Modern Latin America — A study of Hispanic American culture and civilization 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 or equivalent.

Four Credits Agheana Spring Semester

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 1 credit of Spanish 380 may be counted as part of a Spanish major or minor. Prerequisite: Spanish 122, placement, or equivalent.

One-Half Credit Staff Both Semesters

421. Business Spanish — A course designed to provide the student with a basic knowledge of useful business vocabulary, familiarity with Hispanic business practices, and a degree of cultural sensitivity for conducting business with and in the Spanish-speaking world. Conducted entirely in Spanish. Prerequisite: Spanish 322 or equivalent.

Four Credits André Fall Semester

441. Medieval and Golden Age Spain — 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 or equivalent. Alternate years, 1998-99.

Four Credits Agheana Fall Semester

443. Pre-Colombian/Colonial Latin America — A study of Hispanic American literature, culture, and civilization from the pre-Colombian era to the wars of independence. Politics and important historical events are discussed through the analysis of literary texts and major representative works pertinent to 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, essays, etc., produced by Spanish conquistadors, clergy­men and Hispanic American natives. Conducted in Spanish. Prerequisite: Spanish 342 or 344 or equivalent. Alternate years, 1997-98.

Four Credits André Fall Semester
462. Spanish Linguistics — A course for advanced students of Spanish. The primary objective of this course is to approach the grammar and phonology 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. Four fields are dealt with: pronunciation (phonetics); word formation (morphology); sentence formation (syntax); and the connection between the Spanish language and the culture of the Hispanic world. Conducted in Spanish. Prerequisite: Spanish 321 or equivalent.

Three Credits Alvarez-Ruf Spring Semester

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. Prerequisite: Spanish 342 or 344, or permission of instructor. Not offered in 1997-98.

Four Credits Larsen, Staff Spring Semester

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 6 credits from Spanish 490 may be counted as part of a Spanish major or minor. Prerequisite: permission of department chairperson.

Three or Four Credits Agheana, Alvarez-Ruf, André 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 or equivalent.

Four Credits Agheana, André Spring Seminar

495. 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

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. May be repeated for credit but a maximum of 2 credits from Spanish 499 may be counted as part of a Spanish major or minor. Approval of the chairperson is required.

Agheana, Alvarez-Ruf, André Both Semesters
That music has the power to shape the human mind and soul is a belief well articulated by ancient Greek philosophers. They asserted that music's effect on listeners was so powerful it could transform them into philosophers, poets, even political leaders. So important was the influence of music to these philosophers that they considered its study an essential component in the education of any civilized human being. In short, they asserted that music could make the world a better place; and this is what Hope's Department of Music believes too. And this is why the department is strongly committed to increasing the awareness of the importance of fine music to society. The mission statement of the department embodies this belief: "The mission of the Department of Music is to affirm and promote the understanding that musical experience enriches and ennobles human spirit." To fulfill this mission, the department adopted two goals:

- To enable students to become influential leaders in the areas of teaching, performing, and research; and to assist them in becoming professionally successful in their chosen fields.
- To cultivate an enduring appreciation of musical art and its positive impact on 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 1994 College Finder rated it as being one of America's forty best music departments.

For students intending to pursue careers in music and related fields, the department provides professional training which strongly emphasizes music performance. This training is concerned primarily with stimulating musical growth. Studies in general education ensure that students continue their intellectual growth outside of the field of music. These studies cultivate personal, spiritual, and leadership qualities. They increase the awareness and appreciation of the rich diversity of the world in which we live, and to which all of us are called to contribute.

Students who do not intend to have careers in music are encouraged to develop life-long appreciation for and involvement in the arts through participation in ensembles, classes, applied instruction, and concerts. Non-majors will find ample opportunity to enrich their musical knowledge by enrolling in the Introduction to Music course, in any of the Applied Music courses, or by means of membership in any of the music ensembles. Students majoring in music, if they desire to teach music, can elect either the Bachelor of Music in Instrumental Music Education or the Bachelor of Music in Vocal Music Education degrees, permitting them to teach music from kindergarten through the twelfth grade; the degree will not be awarded until the student has gained Michigan provisional teacher certification; if students desire to be performing artists, they should select the Bachelor of Music in Performance program. All of the Bachelor of Music programs are designed as basic toward continued study in graduate schools of music.

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

*Sabbatical Leave, Spring Semester 1998
MUSIC

- 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:
- a teacher of musicology at a major university
- a hornist in the New York Philharmonic Orchestra
- teachers in various elementary and secondary schools
- a leading baritone in a prominent Eastern opera company
- a cellist in a French orchestra
- a staff accompanist at a major university

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 close of the sophomore year.

Every student whose major applied instrument is brass, wind or percussion is required to be a member of the wind symphony or orchestra for a minimum period of three years.

Every student whose major applied instrument is strings is required to be a member of the orchestra for a minimum of three years.

Students who plan to complete both the Bachelor of Music degree and another Bachelor of Arts or Bachelor of Science degree must complete the full B.A./B.S. core.

MINOR: The requirements for the optional Music Minor are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 111, 112</td>
<td>6</td>
</tr>
<tr>
<td>Music 113, 114</td>
<td>2</td>
</tr>
<tr>
<td>Music 197</td>
<td>2</td>
</tr>
<tr>
<td>Music 102 or 101</td>
<td>2 or 3</td>
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<tr>
<td>Music 201</td>
<td>1</td>
</tr>
<tr>
<td>Choice of one Music Lit Course:</td>
<td></td>
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<tr>
<td>Music 321, 323</td>
<td>4</td>
</tr>
<tr>
<td>Applied Music</td>
<td>6</td>
</tr>
<tr>
<td>(Two hours of this may be in ensemble groups)</td>
<td></td>
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<tr>
<td>TOTAL:</td>
<td>23 or 24</td>
</tr>
</tbody>
</table>

The Music Minor requirements for elementary teacher certification are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 111, 112</td>
<td>6</td>
</tr>
<tr>
<td>Music 113, 114</td>
<td>2</td>
</tr>
<tr>
<td>Music 102 or 101</td>
<td>2 or 3</td>
</tr>
<tr>
<td>Music 197</td>
<td>2</td>
</tr>
<tr>
<td>Music 201</td>
<td>1</td>
</tr>
<tr>
<td>Music 300</td>
<td>3</td>
</tr>
<tr>
<td>Ensemble</td>
<td>2</td>
</tr>
<tr>
<td>Applied Music</td>
<td>6</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>24 or 25</td>
</tr>
</tbody>
</table>

The Music Minor requirements for secondary teacher certification are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 111, 112</td>
<td>6</td>
</tr>
<tr>
<td>Music 113, 114</td>
<td>2</td>
</tr>
<tr>
<td>Music 102 or 101</td>
<td>2 or 3</td>
</tr>
<tr>
<td>Music 197</td>
<td>2</td>
</tr>
<tr>
<td>Music 201</td>
<td>1</td>
</tr>
<tr>
<td>Music 370 or 376</td>
<td>2 or 3</td>
</tr>
<tr>
<td>Ensemble</td>
<td>2</td>
</tr>
<tr>
<td>Applied Music</td>
<td>6</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>23</td>
</tr>
</tbody>
</table>
BACHELOR OF MUSIC IN PERFORMANCE

General Education Curriculum: Expository Writing; one course in Mathematics; Science I; Cultural Heritage I and II — fulfilled by taking Music Literature I and II (Mus 221, 223); Health Dynamics; Basic Studies in Religion, plus one upper level course in Religion; Second Language — one course at the second year level; Social Science — one 4-credit course from the Departments of Communication, Psychology, Sociology, or the Departments of Economics and Business Administration or Political Science; Senior Seminar.

Electives: 12 credit hours — must include one course from the following: Cultural Heritage I — IDS 171; English 231, 232; History 130, 131; Philosophy 219, 220.

Basic Musicianship: Perspectives in Music; Theory I and II; Aural Skills I and II, Keyboard Skills; Eurhythmics I and II; Counterpoint; Form and Analysis; Conducting Techniques; Music Literature I and II; Orchestration; Literature and Pedagogy; Senior Seminar in Music.

Performance: 24 credit hours in Applied Major Area; 8 credit hours in Applied Minor Area; 4 credit hours of Ensembles, distributed over eight semesters.

TOTAL HOURS = 126 credit hours*

BACHELOR OF MUSIC IN VOCAL MUSIC EDUCATION

General Education Curriculum: Expository Writing; one course in Mathematics; Science I; Cultural Heritage I and II — fulfilled by taking Music Literature I and II (Mus 221, 223); Health Dynamics; Basic Studies in Religion, plus one upper level course in Religion; Second Language — one course at the second year level; Social Science — fulfilled by taking Educational Psychology/Field Placement (Ed 220, 221); Senior Seminar.

Basic Musicianship: Perspectives in Music; Theory I and II; Aural Skills I and II, Keyboard Skills; Eurhythmics I and II; Form and Analysis; Music Literature I and II; Senior Seminar in Music.

Performance: 14 credit hours in Applied Studies (in addition, piano/organ/guitar majors must have at least one year of vocal study); 4 credit hours in Ensembles, distributed over seven semesters.

Music Education: Elementary Music Methods; Instrumental Methods for Singers; Conducting Techniques; Middle School Music; Secondary Choral Methods; Folk-Style Guitar Methods.

Professional Education Courses: Educational Psychology/Field Placement; Exceptional Child/Field Placement; Secondary Reading; Secondary Principles and Methods; Perspectives in Education; Senior Seminar — Education and Christian Ways of Living; Student Teaching in the Elementary and Secondary Schools (K-12).

Electives: 7 credit hours

TOTAL HOURS = 126 credit hours*

BACHELOR OF MUSIC IN INSTRUMENTAL MUSIC EDUCATION

General Education Curriculum: (Same as above program)

Basic Musicianship: Same as above, including Orchestration.

Performance: 14 credit hours in Applied Studies; 4 credit hours in Ensembles, distributed over seven semesters, including at least one semester in a vocal ensemble.

Music Education: Elementary Music Methods; Instrumental Methods Classes; Conducting Techniques; Secondary Instrumental Methods and Administration.

Professional Education Courses: (Same as above program)

Electives: 6 credit hours

TOTAL HOURS = 126 credit hours*

*May be more or fewer based on individual programs.
BACHELOR OF ARTS WITH A MAJOR IN MUSIC

General Education Curriculum: Expository Writing; two courses in Mathematics; Science I and II; Cultural Heritage I and II — fulfilled by IDS 171, 172; English 231, 232; History 130, 131, or Philosophy 219, 220; Health Dynamics; Two courses in the Arts; Basic Studies in Religion, plus one other course in Religion; Second Language — one course at the second year level; Social Science — two courses from the Departments of Communication, Psychology, Sociology, or the Departments of Economics and Business Administration or Political Science; Senior Seminar.

Electives (non-music): 17 credit hours
Electives (music or non-music): 12 credit hours
Electives (music): 6 credit hours
Electives (Music History and Theory): 4 credit hours

Basic Musicianship: Perspectives in Music; Theory I; Aural Skills I; Keyboard Skills; Eurhythmics; Music Literature I and II; Senior Seminar in Music.

Performance: 8 credit hours in Applied Major Area; 4 credit hours of Ensembles.

TOTAL HOURS = 126 credit hours*

General Introductory Courses:

101. Introduction To Music — Development of skills in listening intelligently to music, with emphasis upon the development of music as an art. May be taken in partial fulfillment of the college Fine Arts requirement. Not for music majors.

   Three Hours Staff Both Semesters

102. Perspectives of Music — For music majors and minors. An introduction to the historical development of music and the skills necessary in listening to major works of all periods.

   Two Hours Staff Spring Semester

103. Fundamentals Of Music — A course for the non-music major and those music majors with no theory background. It includes principles of music notation, basic keyboard skills (scales and triads) and elementary sight-singing.

   Two Hours Staff Spring Semester

Theoretical Courses:

111. Theory IA — This course is intended for the music major or minor. It begins with a brief review of music theory fundamentals followed by the examination of common practice harmonic principles and writing in up to four voices. Students enrolled in this course are expected to have had prior music theory education.

   Three Hours Floyd, Sanborn Fall Semester

112. Theory IB — A continuation of Music 111 that includes the study of diatonic seventh chords, more detailed voice leading procedures and modulation to nearly related keys. Students harmonize melodies and figured basses.

   Three Hours Floyd, Sanborn Spring Semester

113. Aural Skills IA — 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.

   One Hour Aschbrenner Fall Semester

114. Aural Skills IB — A continuation of Music 113, adding dictation in several parts.

   One Hour Aschbrenner Spring Semester

   Keyboard Skills is required for all students studying Theory. Placement is by audition.

*May be more or fewer based on individual programs.
197-01. **Keyboard Skills** — Designed for students with little or no previous piano background; beginning repertoire, scales, studies are covered, as well as elementary harmonization, improvisation and other functional skills.  
*One Hour Kraft Fall Semester*

197-02. **Keyboard Skills** — Practical piano training for students who evidence a degree of proficiency. Deals with harmonization, improvisation, transposition, and sight reading techniques.  
*One Hour Aschbrenner Fall Semester*

197-03. **Keyboard Skills** — Open to students whose major instrument is piano or organ, emphasis on a functional approach to the keyboard. Harmonization, transposition, improvisation, and practical harmonic vocabulary are stressed.  
*One Hour Conway Fall Semester*

198-01. A continuation of 197-01  
198-02. A continuation of 197-02  
198-03. A continuation of 197-03  

201. **Eurhythmies** — A course designed to aid the student in discovering that rhythm is experienced physically as well as mathematically conceived. Linear and contrapuntal rhythm with the various metric forms is studied through physical motion to acquire the feel of rhythm. Required for all those taking Theory 111 and 112.  
*One-Half Hour Aschbrenner Fall Semester*


211. **Theory IIA** — Prerequisites: C average or better in 112 and one year of piano skills. This course introduces more advanced harmonic and chromatic elements and includes analysis of short nineteenth-century compositions. Harmonization based on figured basses and melodies is continued. Keyboard skills are developed in this course through realizing figured basses, practicing harmonic progressions and reading open vocal scores.  
*Three Hours Staff Fall Semester*

212. **Theory IIB** — A continuation of Music 211 with a survey of twentieth-century techniques.  
*Three Hours Lewis, Mallett Spring Semester*

213. **Aural Skills IIA** — Prerequisite: Music 114 with C average or better. A continuation of Music 114.  
*One Hour Aschbrenner Spring Semester*

214. **Aural Skills IIB** — A continuation of Music 213.  
*One Hour Aschbrenner Spring Semester*

215. **Composition** — The class will involve the writing of exercises, the completion of analytical assignments and free composition. Workshop performances of student compositions will be included. The course may be repeated. Prerequisites: Music 111, 112, or permission of instructor.  
*Two Hours Floyd Both Semesters*

295. **Studies In Music** — A lecture or seminar class in a special topic offered at the sophomore level.  
*Two or Three Hours Staff*

297. **Keyboard Skills** — Continuation of course 198.  
*One Hour Conway Both Semesters*

298. **Keyboard Skills** — Continuation of course 297.  
*One Hour Conway 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 Hours Ball 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 I and Theory II.

Three Hours Craioveanu Spring 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 I and Theory II.

Three Hours Lewis Fall Semester

316. **Music Literature I: Before 1750** — The music from the time of the Greeks through the works of Bach and Handel, with emphasis on the use of illustrative materials and recordings. Prerequisite: Music 101 or 102 or consent of instructor.

Four Hours Sharp Fall Semester

320. **Music Literature II: After 1750** — Continues from Music 321 with history and literature after 1750, extending through the twentieth century. Prerequisite: 101 or 102 or consent of the professor.

Four Hours Sharp Spring Semester

325. **Organ Literature** — A survey of the various periods of organ composition, with emphasis upon the study and performance of representative works.

Two Hours Lewis On Demand

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 survey of the great music of the church, including the development of the anthem and oratorio.

Three Hours Staff On Demand

330. **Piano Methods** — Introduces methods and materials used in teaching elementary and intermediate piano for private and class instruction at all age levels. Students other than majors may register upon consent of the piano staff. Includes supervised student teaching in electronic piano lab. Alternate years, 1997-98.

Two Hours Conway Fall Semester

333. **String Applied Methods I** — A course in the fundamentals of playing and teaching string instruments. Designed primarily for the major. Alternate years, 1997-98.

One Hour Risema Fall Semester

334. **String Applied Methods II** — Continuation of Course 333. Alternate years, 1997-98.

One Hour Risema Spring Semester


One Hour Floyd Fall Semester

337. **Vocal Pedagogy And Literature** — A required course for vocal performance majors and strongly recommended for vocal music education majors. The study involves the three main styles of vocal literature and combines contemporary vocal teaching techniques with representative solo material. Alternate years, 1998-99.

Three Hours Staff Spring Semester

338. **Diction For Singers** — A course which prepares the voice student to study and to perform songs and operas in the most important languages of music literature.

Two Hours Sharp May Term

339. **Brass And Percussion Methods** — A course in the fundamentals of playing and teaching brass and percussion instruments. Alternate years, 1997-98.

One Hour Staff Fall Semester
*One Hour Staff Spring Semester*

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, recordings and work with digitized instrumental samples in the Department of Music Electronic Laboratory.  
*Three Hours Staff Spring Semester*

345. **Conducting Techniques** — A practical study of the fundamentals of conducting small instrumental and choral groups.  
*Two Hours Morrow Fall Semester*

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 Hours Lewis On Demand*

361. **Jazz Improvisation** — A course to develop the student’s ability to improvise in the jazz idiom. Includes theoretical concepts (chords, scales, harmony, chord progressions), as well as a stylistic analysis of jazz in an historical context.  
*Two Hours Coyle Fall On Demand*

364. **Jazz History** — An introduction to the art of jazz through an in-depth study of jazz styles and related historical developments. Emphasis is placed on the cognitive listening skills necessary to better understand and appreciate this American art form.  
*Three Hours Coyle On Demand*

370. **Secondary Instrumental Methods And Administration** — The problems peculiar to the teaching of instrumental music in both class and private instruction. Sections devoted to the selection of texts 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. Alternate years, 1997-98.  
*Three Hours Scholten Fall Semester*

375. **Middle School Music Methods** — Observation, teaching techniques in the general music class and chorus. Study of materials, administration. Junior and senior music majors only, others by permission; recommended prerequisite, Music 300. Alternate years, 1998-99.  
*Two Hours Ball Spring Semester*

376. **Secondary Choral Methods** — The development and observation of teaching procedures in the Jr. and Sr. high school choral program with emphasis upon vocal literature, choral style, and rehearsal techniques. Alternate years, 1998-99.  
*Two Hours Lemon Fall Semester*

377. **Folk-Style Guitar Applied Methods** — Fundamentals of playing and teaching folk-style guitar using the singing voice to accompany a repertoire suitable for classroom teaching. Required for the vocal music education major, others admitted by permission of the instructor.  
*Two Hours Malfroid Both Semesters*

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 faculty.  
*Two or Three Hours Staff Both Semesters*

491. **Senior Seminar In Music** — A required senior music course designed to assist advanced students in the problems of music and to act as an additional survey of theoretical and music literature materials. Includes an oral comprehensive examination, as well as independent study.  
*Two Hours Sharp Fall Semester*
495. Studies In Music — A lecture or class in a special topic for music majors.  

Two or Three Hours  Staff

APPLIED MUSIC COURSES

Applied Music courses are available to all students, from beginners to advanced. 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.

In partial fulfillment of music major requirements, seniors majoring in applied music will give a full length evening recital, and seniors majoring in music education are expected to give at least a joint evening recital. All juniors majoring in performance will give either a partial or full recital, the length to be at the instructor's discretion. Exceptions to recital requirements will be granted only by a decision of the music faculty recital exception committee.

All private lessons are of 30 or 60 minute duration. 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. Qualified students studying piano privately are required to accompany for a minimum of one lesson per week during course study. Two hour credit courses are open to all students, including non-music majors. Three hour credit courses are open only to performance majors and to other music majors with the recommendation of the faculty.

APPLIED MUSIC — PRIVATE INSTRUCTION

Applied lessons are either one half-hour lesson per week, receiving two hours credit per semester, or one sixty minute lesson per week, receiving three hours credit per semester. Students should audition prior to registration.

APPLIED MUSIC

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; 185 Early Instruments.

APPLIED MUSIC — CLASS INSTRUCTION

186. Guitar Class, Beginning — Open to all students. A classical guitar is required for this course.  

Two Hours  Malfroid  Both Semesters


Two Hours  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 hours total credit.  

Two Hours  Kraft  Both Semesters


Two Hours  Kraft  Both Semesters

192. Voice Class, Beginning — Open to all students, with a limit of four hours total credit; meets twice weekly. Minimal piano background required.  

Two Hours  Staff  Both Semesters

193. Voice Class, Intermediate — A continuation of the above; meets twice weekly.  

Two Hours  Staff  Both Semesters
ENSEMBLES — CHORAL AND INSTRUMENTAL

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 Hour Staff 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-Half Hour Staff Both Semesters

120. Orchestra — Offers music majors and non-majors alike the opportunity to perform major works from the standard orchestra repertoire. The 70 member organization gives several concerts throughout the academic year and regularly features renowned faculty and guest soloists.

   One Hour Ritsema 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 Hour Floyd Both Semesters

133. Varsity Band — Rehearses marches and popular band literature for performance at athletic games and other campus events.

   One-Half Hour Working Both Semesters

135. Jazz Ensemble — Performs standard big band literature as well as newer charts. Improvisation is stressed, but there is often a place for less experienced improvisers. Performs two campus concerts, school concerts, and appears in jazz festivals.

   One Hour 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 Hour Staff Both Semesters

141. Collegium Musicum - Instrumental — Study and performance of instrumental music of the Medieval, Renaissance, and Baroque eras.

   One-Half Hour Ritsema Both Semesters

150. Symphonette — A chamber orchestra which tours each spring break. Members must also perform in orchestra or wind symphony. Membership determined by audition at the beginning of the Fall term.

   One-Half Hour Ritsema Both Semesters

155. Opera Workshop — A workshop involving stage movement, acting and singing in the context of opera or operetta literature. All students will participate in scenes or full productions. During one year scenes of some of the great operas will be performed and on the alternate year a full production will be performed. By permission of instructor only.

   One Hour Staff Spring Semester

160. Chamber Ensembles — By arrangement with a faculty member, chamber ensembles can be formed. The literature to be studied will determine the membership of the ensemble.

   One-Half Hour Staff Both Semesters
The Department of Nursing seeks to provide broad educational and professional experiences within the context of a Christian liberal arts education. The program is designed to prepare beginning practitioners of nursing who are capable of integrating their knowledge, skills and attitudes to provide quality nursing care for people of all ages and in a variety of settings.

The baccalaureate nursing program is offered cooperatively with Calvin College in Grand Rapids. One department, known as the Hope-Calvin Department of Nursing, incorporates students from both Hope and Calvin Colleges in junior and senior level nursing courses.

NOTE: Because of the joint nature of this program, Hope students who enroll as part-time students for any given semester will be billed according to a pro-rated, per-hour charge approved by the Joint Academic Council. This per-hour charge will vary each year since it is calibrated on the Hope College tuition charges for each academic year.

Students enrolled in the nursing program engage in a wide variety of clinical nursing experiences. Butterworth Hospital, Holland Community Hospital and St. Mary’s Hospital provide opportunities to care for people who need the knowledge and skills of the nursing profession. Pine Rest Christian Hospital provides for learning experiences in psychiatric/mental health nursing, and a variety of community agencies offer students an opportunity to care for clients outside of a hospital setting. Students are responsible for providing their own transportation to laboratory and clinical agencies.

Upon completion of all requirements, students receive a Bachelor of Science degree in Nursing (BSN) from Hope College and are eligible to take state licensing examinations (NCLEX) to become a registered nurse (RN). Alternatively, it is possible for the student to receive a Bachelor of Arts degree with a major in nursing. Students are encouraged to contact the Nursing Department for further information.

MAJOR

A student who wishes to pursue a degree in nursing should start work on pre-nursing requirements in the freshman year, following the suggested schedule closely. If possible, students should indicate their interest in nursing on the application for admission to Hope College. In the sophomore year by the established due date, students must apply for admission to the Hope-Calvin Department of Nursing. Application forms are available in the department and at the Office of the Registrar.

To be eligible for admission to the nursing program a student must have completed the eighteen courses in the pre-nursing program, nine of which must be the required courses in the natural and social sciences. Science courses must have been completed during the past seven years. In order to be considered for admission to the program, a minimum cumulative grade point average of C+ (2.3) is required and a minimum grade of C- (1.7) is required in each of the natural and social science courses. Since enrollment in the final two years—the clinical nursing years—is limited, admission is selective, and completion of the pre-nursing program does not assure acceptance. Information concerning admission criteria and procedures is available in the office of the Nursing Department.

*Calvin College Appointment
Students desiring to transfer to Hope or Calvin for their junior and senior years, who have completed acceptable pre-nursing course requirements, will be considered for admission to the nursing program after qualified students from Hope and Calvin have been accepted into the program.

Applicants for admission who are graduates of Hope College or Calvin College will be given equal consideration with current Hope or Calvin students. Hope or Calvin students and graduates will be given preference for admission over transfer students. Transfer students will be considered only on a space available basis. Applicants who submit applications after the due date will be considered last if space becomes available.

Students who have transferred to Hope or Calvin from some other college or university will be considered to be Hope or Calvin students (rather than transfer students) if they will have completed two semesters of full-time academic work (or the equivalent) at either Hope or Calvin by the end of the spring semester in which they apply for admission. Twenty-four (24) credit hours is the minimum number of hours (per year) required for full-time students.

**BACHELOR OF SCIENCE IN NURSING:**

Pre-Nursing Courses: These 33 hours must be completed prior to beginning nursing coursework.
- Biology 112, 116, 221, 222, and 231
- Chemistry 101 and 102
- Psychology 100 and 230
- Sociology 101

Core Curriculum: The 31 hours are specified as follows.
- **Fundamental Skills:**
  - English 113
  - Mathematics (one 3-hour course)
- **Cultural History and Language:**
  - Foreign Language (one 4-hour course)
  - English 231 or 232
  - History 130 or 131
  - Philosophy 219 or 220
  (At least one ancient period and one modern period course must be chosen)
- **Fine Arts:** one course selected from:
  - Art 161, 162, IDS 101, Music 101, or Theatre 101, 153
- **Religion:** one course selected from basic studies in Religion
  - Religion 111, 121, 131, 141, 151
- **Kinesiology:**
  - KIN 140
- **Senior Seminar:**
  - select one course
- **Electives:** Fifteen credit hours selected from areas of interest. At least 3 hours must be chosen from departments offering courses which satisfy the core components of cultural history and language, fine arts, or religion.

Students who plan to complete both the Bachelor of Science in Nursing degree and another Bachelor of Science or Bachelor of Arts degree must complete the full B.S./B.A. core.

**315. Pathophysiology** — Students will study selected disease conditions related to circulation, respiration, fluid balance, digestion, body defense mechanisms, endo-
crine and neuro physiological processes. Physiologic changes of pregnancy, labor and delivery will be included. Material will be presented primarily at the organ and system level. This course will serve as a foundation for providing holistic nursing care from a Christian perspective for further courses in nursing care. Prerequisite: acceptance into the nursing program. Non-nursing students are required to obtain the permission of the instructor.

Three Hours Fall Semester

323. Introduction to Nursing Care — Students will be introduced to the theory and practice of professional nursing. Fundamental concepts of caring relationships and Christian nursing care are included with a focus on childbearing families. The course includes an introduction to the nursing process, legal-ethical issues, communication, nutrition and principles of teaching-learning. Prerequisite: acceptance into the nursing program.

Three Hours Fall Semester

331. Introduction to Nursing Interventions — This course is designed to assist the student in developing basic nursing techniques in health history taking and physical assessment, psychomotor skills, nursing process and communication. The course provides laboratory practice in a simulated hospital environment, focused clinical practice in an acute care hospital and clinical practice in a hospital-based, maternal-child setting. Independent learning activities with audiovisual and computer assisted instruction are incorporated throughout the course. Prerequisite: acceptance into the nursing program.

Four Hours Fall Semester

354. Caring Relationships for the Helping Professions — This course is designed for the future professional who will be involved with helping others. The course introduces the concepts of a caring relationship from a transcultural perspective. It provides the student with practical strategies for interacting with a variety of clients who may be experiencing illness, anxiety, grief crises, addiction or abuse. Both classroom and off-campus activities are included. This course is open to junior nursing students and other juniors and seniors interested in a helping profession.

Three Hours January Interim

362. Nursing Care of Psychiatric Clients — This course focuses on the nursing care of psychiatric clients, throughout the lifespan, and their families as they are responding to acute and chronic mental health alterations. Students will design nursing care that addresses psychological, social, spiritual, and physical needs of clients according to professional nursing standards. Learning activities will include presentation of theoretical principles, application case studies, focused writing assignments, and completion of independent study modules. Prerequisites: Nursing 315, 323, 331, 354.

Two Hours Both Semesters

364. Nursing Care of Children — This course focuses on the nursing care of children and their families who are adapting to acute and chronic health alterations. Students will design nursing care that addresses the clients’ physiologic, psychosocial, and spiritual needs according to professional nursing standards. Learning activities will focus on caring interactions with children and their families to achieve health. Prerequisites: Nursing 315, 323, 331, 354.

Two Hours Both Semesters

366. Caring Interventions for Psychiatric Clients — This course allows the student to provide holistic nursing care for psychiatric clients and their families in a variety of clinical settings. Learning experiences include laboratory work and supervised clinical. Prerequisites: Nursing 315, 323, 331, 354.

Two and One-Half Hours Both Semesters

368. Caring Interventions for Children — This course allows the student to provide holistic nursing care for children and their families in a variety of clinical settings.
Learning experiences include laboratory work and supervised clinical. Prerequisites: Nursing 315, 323, 331, 354.

372. Pharmacology — This is a theory course with the focus on nursing pharmacology and common medication groups used to treat acute and chronic medical disorders. It considers the collaborative role of the nurse related to pharmacology and provides a basis for the development of clinical competencies related to medication administration and client management. Prerequisites: Nursing 315, 323, 331, 354. Non-nursing students are required to obtain the permission of the instructor.

Two and One-Half Hours Both Semesters

429. Nursing Research — In this course students will explore the value of research and its relationships to nursing theory and practice. They will identify appropriate problems for nursing research and learn the steps of the research process. Critical analysis and application of the current research findings are included. Emphasis is placed on the development of critical thinking, problem-solving and professional ethics related to the research process. Prerequisites: Nursing 315, 323, 331, 354.

Two Hours Spring Semester

435. Nursing Care of Adults — This course focuses on the nursing care of adult clients and their families who are adapting to acute and chronic health alterations. Prerequisites: Nursing 315, 323, 331, 354.

Five Hours Both Semesters

437. Caring Interventions in Adult Nursing — This course will take place in the acute care setting where the student will care for adults with a variety of medical-surgical problems. Learning experiences include laboratory and supervised clinical practice. Prerequisites: Nursing 315, 323, 331, 354.

Five Hours Both Semesters

459. Nursing Practicum — This course provides students the opportunity to select a clinical area in which they provide individualized nursing care for clients. Learning experiences include theory and clinical practice with a preceptor, and individualized instruction. All shifts and working days may be used. Prerequisites: Nursing 315, 323, 331, 354, 362/366, 364/368, 372, 429, 435/437.

Two Hours January Interim

476. Nursing Care and Management of Clients in the Community — This course focuses on the nursing care and management of clients in a variety of community settings. Nursing strategies for the promotion and maintenance of health for families, population groups at risk and communities will be emphasized. Prerequisites: Nursing 315, 323, 331, 354, 362/366, 364/368, 372, 429, 435/437, 459.

Three Hours Spring Semester

478. Caring Interventions for Clients in the Community — This course is designed for the students to focus on nursing care for clients in the community with an emphasis on health promotion and maintenance. Learning experiences include independent and supervised clinical practice in community health agencies. Students will plan, implement, evaluate and manage care for clients. Prerequisites: Nursing 315, 323, 331, 354, 362/366, 364/368, 429, 435/437, 459.

Five Hours Spring Semester

484. Perspectives in Professional Nursing — This course will help students expand their understanding of Christian nursing and formulate a philosophy of nursing that will shape their professional lives. The student will be expected to integrate what they have learned from their liberal arts education, their understanding of the history and culture of nursing and their religious faith. Students will reflect on how their education and professional experiences can be used for personal growth and to influence society. Prerequisites: Nursing 315, 323, 331, 354, 372, 362/366, 364/368, 429, 435/437, 459.

Two Hours Spring Semester
Faculty: Ms. Simon, Chairperson; Mr. Allis, Mr. Dell’Olio, Mr. Freeberg, Mr. Perovich.

'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 understand, and to be better off as a consequence of this. But how shall inquiry proceed? What is it to 'understand'? And how might a human being be really 'better off'? 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, artistic, and business life with a view toward reform and improvement. But philosophy is first of all a deepening of one’s own self.

MAJORS AND NON-MAJORS
Students can pursue their goals through a single course 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:


Hope College philosophy majors can be found
- doing graduate work in philosophy at major universities
- pursuing careers in medicine, law, business, and human services
- teaching philosophy
- 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
Cultural Heritage I and II (or acceptable alternative), plus a minimum of 24 additional credits from philosophy department courses, following these guidelines:

- 201 — Logic
- 450 — Seminar in 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
GENERAL REQUIREMENTS FOR THE MINOR IN PHILOSOPHY
Cultural Heritage I and II (or acceptable alternative), plus a minimum of 16 additional credits from philosophy department courses, following these guidelines:

201 — Logic
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

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
   235 — Asian Philosophy
   331 — Philosophy of Religion
   340 — History of Ethics
   344 — Twentieth Century Ethics

2. PRELAW STUDENTS
   341 — Ancient and Medieval Political Thought
   342 — Modern Political Thought
   344 — Twentieth Century Ethics
   374 — Twentieth Century Political Thought
   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 Knowers
   325 — Philosophy of Mind
   341 — Ancient and Medieval Political Thought
   342 — Modern Political Thought
   374 — Twentieth Century Political Thought

Note: 200 and 300 level courses do not have any special prerequisites.

I. FUNDAMENTALS OF PHILOSOPHY

115. Self, Freedom, and God — A half-semester introduction to philosophical reflection on such issues as religion, selfhood, personal identity and freedom, and morality. 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. Two Credits Freeberg Fall Semester 1997, First Half of Semester

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. The topic in Fall 1997 will be Hard Choices, which will consider
appropriate uses of technology and the environment among other social issues.

Two Credits Freeberg Fall Semester 1997, Second Half 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
structures 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 Allis Spring Semester

II. KNOWLEDGE AND REALITY

280. Knowledge and Knowers — “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? Is it only
men who desire to know? Do all women also desire to know? Are there, as one recent
book title implies, “women’s ways of knowing”? 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 Women’s Studies.

Four Credits Simon Fall 1997

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.

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 Dell’Olio Spring Semester 1998

360. Philosophy of Science — An examination of several philosophical issues
raised by the physical and biological sciences, their history and the technological
deventions 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 Perovich Spring Semester 1998

III. VALUES AND THE HUMAN CONDITION

235. Asian Philosophy — An introduction to the philosophical traditions of India
and China focusing primarily on the classical texts of these traditions: the Vedas,
Upahishads, Bhagavad-Gita, Hindu and Buddhist sutras, Analects of Confucius,
Tao Te Ching of Lao Tzu, and Zen koans. Issues to be explored include the nature
of reality, the self, the divine, happiness, ethics, the just society, knowledge, and

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spiritual liberation. Comparisons to western philosophical concepts will be made where appropriate.

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.

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.

374. 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.

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.

380. Existentialism — A study of selected works of Kierkegaard, Nietzsche, Heidegger and Sartre. Themes include: the question of being and human being; freedom and responsibility; authenticity; anxiety, guilt, and death; truth; technicity; and art.

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.

IV. THE HISTORY OF PHILOSOPHY

219. 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 History requirement.

220. Modern Philosophy — Western philosophy from the seventeenth century to the present, including such major figures as Descartes, Hume, Kant, Hegel, Ayer, and Heidegger, through a study of primary texts. Partial fulfillment of the Cultural History requirement.

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
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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 soul, the nature of knowledge, the nature of happiness and virtue, and the journey of the soul to God.  

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 Dell’Olio Alternate Years

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 Dell’Olio 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 Spring Semester 1998

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 Not Offered 1997-98

342. Modern Political Thought — We will examine such thinkers as Machiavelli, Hobbes, Locke, Rousseau, Burke, Bentham, Mill, Hegel, Marx, and Nietzsche 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 Not Offered 1997-98

V. SPECIAL STUDIES

295. Studies In Philosophy — A lecture or seminar class in a special topic of philosophy.

Two or Four Credits Staff Both Semesters

450. 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 1997 is “Nietzsche: Meaning and Value.” 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 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 Perovich Fall Semester 1997

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
The Department of Physics offers two majors: a physics major and an engineering physics major. The course structure allows students to tailor their program 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
- computerized analysis of complex mechanical structures
- computer control of industrial processes
- experimental investigations of the mechanics of the human body
- computer modeling of the human balance control system
- surface analysis using alpha particle beams from the Hope accelerator
- chemical analysis using proton beams from the Hope accelerator

Laboratories associated with physics and engineering classes provide students with opportunities to test fundamental concepts and apply theory in practical applications. In addition, research programs and internships enable students to work alongside faculty members and practicing engineers. In the department, the primary research laboratories are: a 2.5 million volt Van de Graaff accelerator, a biomechanical engineering laboratory, a nuclear physics laboratory, and a mechanical testing laboratory. These are supported by an extensive cluster of VAX and Sun workstations and PCs. Students and faculty are also involved in research programs at national laboratories.

MAJOR PROGRAMS

Students are strongly encouraged, as early as possible, to become involved in one of the research projects of the staff members. Summer stipends for such activity are often available.

A. PHYSICS

Program for students interested in post-graduate professional work in physics, astronomy, medicine, biophysics, chemical physics, radiation physics, environmental physics, medical physics.

Bachelor of Arts Degree — A minimum of 27 hours from physics courses numbered 121 and higher including 8 hours from courses numbered 340 or higher. Courses required are 121 and 122, 141, 142, 270, 280, 282, and 4 hours of advanced lab work. Also 2 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), 120, 220, or by requesting a waiver with demonstrated competence.

Bachelor of Science Degree — A minimum of 36 hours in physics including 121 and 122, 141, 142, 241, 270, 280, and 282. In addition, three courses selected from PHYS 342, 361, 362, and 372 are required along with 6 hours of advanced laboratory coursework. Two semesters of PHYS 080 (Seminar) are required. In addition, 24 hours of courses in mathematics, 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 (preferred), 120, 220, or by requesting a waiver with demonstrated competence. For those planning graduate work, PHYS 242, MATH 334, other physics courses, engineering science courses (especially 345), and research are strongly recommended.

Typically, freshmen enroll in physics, mathematics and another science course.

**COURSE PATTERN FOR PHYSICS MAJORS**

The following course pattern is strongly suggested for the physics major. Most physics courses build on previous courses. Students wishing to go to graduate school in physics must take the Graduate Record Examination in the fall of their senior year. The department suggests the following course pattern.

**First Year:**
- Fall — PHYS 121, 141, MATH 131
- Spring — PHYS 122, MATH 132

**Second Year:**
- Fall — PHYS 241, 270, MATH 231
- Spring — PHYS 242, 280, 282, MATH 232

**Third Year:**
- Fall — PHYS 361, PHYS elective, Advanced Lab
- Spring — PHYS 342, Advanced Lab, MATH 334

**Fourth Year:**
- Fall — PHYS 372, Advanced Lab
- Spring — PHYS 362, Advanced Lab

**B. ENGINEERING PHYSICS**

Students wishing to pursue a career in engineering should elect a Bachelor of Science in Engineering Physics. This program is designed to prepare a student for direct enrollment in an engineering graduate school.

**Bachelor of Science Degree** — An engineering physics major consists of a minimum of 36 hours including the following courses: PHYS 121 and 122, 141, 142, 270, 280, ENGS 221, 295 (CAD), 241, and 495 (Design). In addition, the following courses are required for:
- Mechanical Engineering — ENGS 222, 295, (Mechanical Testing), 345, 346, and 361
- Electrical Engineering — ENGS 242, 331, 332, and 342
- Chemical Engineering — ENGS 345, 346, CHEM 221, and 255

Two semesters of PHYS 080 are required. In addition, 23 hours of mathematics, computer science, and science other than physics or engineering science are required. MATH 232 and CHEM 111 and 113 are required of all engineering students. Chemical engineering students must also take CHEM 121 and 114. These required courses are considered a minimum for those planning graduate work. It is strongly suggested that students wishing to enter graduate school should elect additional engineering, physics, and mathematics courses in consultation with a faculty member in the Physics Department. Computer programming competence is expected. Engineering students are expected to have programming experience by the beginning of the junior year. This requirement may be satisfied by CSCI 160 (preferred), 120, 220, or by requesting a waiver with demonstrated competence.

For those interested in chemical engineering, programming is very strongly recommended but not required.
PHYSICS AND ENGINEERING

COURSE PATTERN FOR MECHANICAL ENGINEERING EMPHASIS
The following course pattern is strongly suggested for students interested in mechanical engineering and who expect to stay at Hope College for four years.

First Year:  
Fall — PHYS 121, 141, MATH 131  
Spring — PHYS 122, 142, MATH 132

Second Year:  
Fall — ENGS 221, 295 (CAD), PHYS 270, MATH 231  
Spring — ENGS 222, 295 (Mechanical Testing),  
PHYS 280, 282, MATH 232

Third Year:  
Fall — ENGS 232, 241, 361  
Spring — ENGS 242, 344

Fourth Year:  
Fall — 331, 345, 495 (Design)  
Spring — ENGS 332, 346, ENGS elective

COURSE PATTERN FOR ELECTRICAL ENGINEERING EMPHASIS
The following course pattern is strongly suggested for students interested in electrical engineering and who expect to stay at Hope College for four years.

First Year:  
Fall — PHYS 121, 141, MATH 131  
Spring — PHYS 122, 142, MATH 132

Second Year:  
Fall — ENGS 241, PHYS 270, MATH 231  
Spring — ENGS 242, PHYS 280, MATH 232

Third Year:  
Fall — ENGS 221, 295 (CAD), 331, ENGS elective  
Spring — ENGS 222, 295, (Mechanical Testing), 232,  
MATH 334

Fourth Year:  
Fall — ENGS 361, 495 (Design), ENGS elective  
Spring — ENGS 342, ENGS elective

COURSE PATTERN FOR CHEMICAL ENGINEERING EMPHASIS
The following course pattern is strongly suggested for students interested in chemical engineering and who expect to stay at Hope College for four years.

First Year:  
Fall — PHYS 121, 141, MATH 131,  
CHEM 111, 113  
Spring — PHYS 122, 142, MATH 132,  
CHEM 121, 114

Second Year:  
Fall — ENGS 221, 295 (CAD), MATH 231,  
CHEM 221, 255  
Spring — ENGS 222, 295 (Mechanical Testing),  
PHYS 280, MATH 232, CHEM 231, 256

Third Year:  
Fall — ENGS 241, 345, PHYS 270  
Spring — ENGS 242, 346

Fourth Year:  
Fall — ENGS 232, 331, 495 (Design)  
Spring — ENGS 332

C. DUAL MAJORS
In case of a dual major the physics courses required are those in paragraph A 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.

D. STUDENTS PREPARING FOR SECONDARY EDUCATION
A physics major will require 30 hours (certification requirement) in physics and may include Physics 113, GEMS 115 (Science and Technology for Everyday
E. GEOLOGY-PHYSICS COMPOSITE MAJORS

A program of study in the two departments is included under the Degree Program section of the catalog. The program provides a strong background for students interested in the interdisciplinary area of geo-physics.

PHYSICS MINOR

A minor in physics consists of 20 hours. Physics 121, 122, 141, 142, 241, 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.

DUAL BACCALAUREATE IN ENGINEERING

Hope College offers a dual baccalaureate program in conjunction with several engineering schools. Under this program students typically transfer to an engineering school after their junior year. Usually students can complete the engineering program at the engineering school in about two years. Upon graduation from the engineering school, students are awarded a Bachelor of Science degree from Hope College and a Bachelor of Engineering degree from the engineering school. This is an alternative program to the Bachelor of Science in Engineering Physics offered by Hope College.

In general, students planning to transfer under the dual baccalaureate program enroll in the same courses that students would who are expecting to earn a degree in engineering physics from Hope College. 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 advisor (Dr. van Putten) in the Department of Physics and Engineering are strongly suggested. Details of the dual baccalaureate program can be found on page 304.

COMPUTER SCIENCE

Computer science majors will find portions of the physics curriculum of unique value because of:

1) the close inter-relationship of the developing technologies of electronics, large scale integration, physical optics, computer design and operation, and

2) the high degree to which mathematical concepts are applied to the understanding of solving problems.

Physics 241 and 242 are highly recommended for experience in analog and digital electronics, Physics 270 for an understanding of quantum devices such as transistors, and Physics 280 for applied mathematical methods. In addition, Physics 331, Process Control, provides experience in using microcomputer systems to control processes and experiments.

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.
Non-Science Major Oriented Courses

113. Astronomy — A survey of the physical universe; what we know and how we know it. Topics include the telescope, the solar system, our sun, types of stars and their intrinsic properties, the H-R diagram, stellar evolution, quasi-stellar objects, pulsars, black-holes, galaxies, and cosmology. Opportunities for observational work are included. No prerequisites.  

Four Hours Gonthier Spring Semester

Science Major Oriented Courses

080. Seminar — All students interested in physics and engineering are encouraged to attend departmental seminars. All majors are required to take seminar for one or two semesters, preferably during their junior year. 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 Hours 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) waves and sound (oscillating systems, springs, sound waves and wave phenomena) and 3) selected topics from molecular physics and heat (physics of solids and fluids, thermal physics and thermodynamics). Corequisite: Physics 107. Prerequisite: Mathematics 130 (Precalculus) or the equivalent.  

Three Hours P. Jolivette 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) light and color and 4) selected topics from modern physics. Corequisite: Physics 108. Prerequisites: Mathematics 130 (Precalculus) and Physics 105 or their equivalent.  

Three Hours P. Jolivette 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 lab 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 Hour Staff 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 course is to develop skills in the measurement of physical phenomena. Corequisite: Physics 106. Prerequisite: Physics 107.  

One Hour Staff Spring 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, and special relativity. Physics 141 is a corequisite. Mathematics 131 (Calculus I) must accompany or precede.

*Three Hours Mader Fall 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. Physics 142 is a corequisite. Mathematics 132 must accompany or precede this course.

*Three Hours Mader Spring 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 Hour Staff Fall 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 Hour Staff Spring Semester*

241. **Electronics I** — An introduction to digital and analog electronics. The use of transistors, integrated circuits, and operational amplifiers in instrumentation is studied. Design techniques are taught. In the accompanying laboratory, various logic circuits are built, including scalers, timers, digital to analog converters, and analog to digital converters. Analog amplifiers, summers, and pulse amplifiers are built and studied. Prerequisite: A laboratory course in physics, or previous electronics experience, or permission of instructor.

*Four Hours van Putten Fall Semester*

242. **Electronics II** — Advanced applications of analog and digital electronics. Linear feedback theory is studied, including stability criteria. Circuits using active filters, power amplifiers, phase lock loops, and instrumentation amplifiers are studied and built in the three-hour laboratory. The circuitry of digital computers is studied along with the relationship between hardware and assembly language. A digital computer is built and programmed in the laboratory. Prerequisite: Physics 241, or permission of instructor.

*Two Hours van Putten Spring Semester*

270. **Modern Physics** — A first course in the quantum physics of atoms, molecules, solids, nuclei, and particles. Topics include the structure of the nucleus, the Schroedinger wave equation, one electron atoms, angular momentum, 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, Mathematics 132, or permission of instructor.

*Three Hours P. Jolivette Fall Semester*
280. Introduction to Mathematical Physics — Mathematical methods applicable to
total systems are studied. These include matrices, coordinate transformations,
vector calculus, sets of orthogonal functions, Fourier series, complex variables, and
special differential equations such as Bessel’s and Legendre’s equations. Special
attention is given to physical examples from multiple areas to show the generality of
the techniques. Prerequisite: Physics 122. Corequisite: Mathematics 270.

Three Hours De Young Spring Semester

282. Special Relativity — The Lorentz transformation is derived and applied to
velocity, force, and momentum and energy using the four-vector and transformation
matrix approach. Topics include various anomalies such as the twin paradox,
relativistic collisions, creation of particles, photons, the Doppler effect, the shape
of fast moving objects, and the magnetic field as a manifestation of the electric
field.

One Hour Gonthier Spring 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. Student may enroll
each semester.

One or Two Hours Staff 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 270.

Four Hours De Young Spring Semester

352. Physics of the Optical Domain — Topics covered concern both geometrical
and physical optics. The approach involves matrix formulation, computer formu­
lation, Fourier analysis as it relates to Fresnel and Fraunhofer diffraction, inter­
ference, polarization matrices and holography. The relevance of these topics to
modern day optical information processing is considered. Prerequisite: Physics 280.
Alternate years.

Three Hours Staff Spring Semester

361. Analytical Mechanics — This course covers Newtonian mechanics, linear and
nonlinear oscillations, calculus of variations, Lagrangian and Hamiltonian dynam­
ics, 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 techniques in solving complex problems with Maple and MATLAB.
Programming in FORTRAN or in C is used in numerical approaches to solving
differential equations. These more formal methods empower students with skills
necessary to make the transition from introductory to advanced physics such as
quantum theory. Prerequisite: Physics 280. Four Hours Gonthier 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 statisti­
cal mechanics is given. Effects of Bose-Einstein and Fermi-Dirac statistics 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.

Four Hours Mader Spring Semester
372. Quantum Theory — A detailed study of the mathematical and physical foundations of quantum mechanics. Topics include the Schroedinger wave equation, one-dimensional potentials, operator methods in quantum mechanics, the Heisenberg representation of operators, the three-dimensional Schroedinger 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. Prerequisite: Physics 270. Alternate years. 

Four Hours Jolivette Fall Semester

381. Advanced Laboratory — This laboratory combines experiments from both classical and modern physics and from interdisciplinary physics fields such as biophysics and geophysics. Extensive use of the computer and FORTRAN is made in the analysis of data from the experiments. Detailed error analysis of each experiment is required. Experiments include NIM electronics, gamma-detection, Millikam oil drop, alpha spectroscopy, and accelerator operation. Two hours of lecture and seven hours of laboratory. Required for physics majors. Prerequisites: Physics 241, 270, and Physics 160 or Computer Science 120, 160, 220 or equivalent programming experience. 

Two Hours Staff Fall Semester

382. Continuation of Advanced Laboratory — Experiments in the second semester of advanced laboratory include Cavendish, Rutherford scattering, neutron activation (geophysics) and additional accelerator experiments. Two hours of lecture and seven hours of laboratory. Required for physics majors. Prerequisite: Physics 381. 

Two Hours Staff Fall 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 Hours Staff 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 Hours Staff Spring Semester

Engineering Courses

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 involve the axial loading of bars, torsion of circular rods and bending of beams. Prerequisites: Mathematics 131 and Physics 121. 

Four Hours Thelen 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: Mathematics 132, Chemistry 111, and Engineering Science 221. 

Three Hours Staff Spring Semester

241. Electronics I — An introduction to digital and analog electronics. The use of transistors, integrated circuits, and operational amplifiers in instrumentation is studied. Design techniques are taught. In the accompanying laboratory, various logic circuits are built, including scalers, timers, digital to analog converters, and
analog to digital converters. Analog amplifiers, summers, and pulse amplifiers are built and studied. Prerequisite: A laboratory course in physics, or previous electronics experience, or permission of instructor. Same as Physics 241.

Four Hours van Putten Fall Semester

242. Electronics II — Advanced applications of analog and digital electronics. Linear feedback theory is studied, including stability criteria. Circuits using active filters, power amplifiers, phase lock loops, and instrumentation amplifiers are studied and built in the three-hour laboratory. The circuitry of digital computers is studied along with the relationship between hardware and assembly language. A digital computer is built and programmed in the laboratory. Prerequisite: Physics 241, or permission of instructor. Same as Physics 242.

Two Hours van Putten Spring 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 engineering. Students may enroll each semester.

One or Two Hours Staff Both Semesters

331. Dynamic Systems and Controls I — 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. Prerequisites: Physics 121, 122 and Mathematics 232. Four Hours van Putten Fall Semester

332. Dynamic Systems and Controls II — 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 Hours van Putten Spring Semester

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 270.

Four Hours De Young Spring Semester


Three Hours Thelen Spring Semester

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. Prerequisites: Mathematics 232, Physics 122, and Chemistry 111.

Three Hours Staff 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. Prerequisites: Mathematics 232, Engineering Science 221 and 345, and Physics 280.

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 techniques in solving complex problems with Maple and MATLAB. Programming in FORTRAN or in C is used in numerical approaches to solving differential equations. These more formal methods empower students with skills necessary to make the transition from introductory to advanced physics such as quantum theory. Prerequisite: Physics 280.

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.

499. Internship in Engineering — This program offers the student an opportunity to work on a project or an experience approved by the department as being of significance. 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 seniors. Prerequisite: Permission of the department.
Faculty: Mr. Elder, Chairperson; Ms. Dandavati, Mr. Holmes, Mr. Ryden*, Mr. Toppen, Mr. Zoetewey**. Assisting Faculty: Mr. Allis, Mr. Pocock.

The academic program of the Department of Political Science seeks to provide the student with a systematic understanding of government, political behavior and political institutions in the local, state, national, and international areas. To accomplish these goals students majoring in political science take courses such as “Political Theory,” “Comparative Government,” “American Political Parties,” and “International Relations.” In addition to these theoretical courses, students enroll for academic credit in departmental programs which give the student a first-hand encounter with political processes both at home and abroad. For example, all political science majors have the opportunity to apply for the Washington Honors Semester Program. This interdisciplinary program provides an opportunity to select two internships from many hundreds of possibilities and talk with key political and administrative officials concerned about the national government. Other Hope interns work in governmental and political offices near campus. In addition to courses, students majoring in political science have engaged in a wide variety of activities which include:

- directing the campus radio station
- organizing Michigan’s largest Model United Nations
- meeting with prominent campus visitors such as George Bush, Gerald Ford and Oliver North
- organizing a “get-out-to-vote” campaign among college students
- serving as youth chairpersons of county, congressional district, and state political party committees

Graduates of the Department of Political Science have pursued such satisfying careers as:

- a member of the Michigan House of Representatives and the U.S. House of Representatives
- an assistant Presidential Press Secretary
- a professor in International Relations at a major American university
- a senior partner in a nationally prominent law firm
- a juvenile rehabilitation officer
- an administrator of a hospital in New York State
- an insurance agent in the state of Maine
- a college admissions officer
- a budget analyst for a metropolitan transit system
- a campaign management specialist with his own consulting firm
- a Deputy Assistant Secretary of the U.S. Department of Housing and Urban Development
- an assistant to the Mayor of Washington, D.C.
- the executive director of state and congressional district party organizations
- a state and national legislative staff person
- a city manager
- a minister of the Reformed Church

SOCIAL SCIENCE REQUIREMENT: Students who want to fulfill the college social science requirement should take Political Science 100 or 101.

GENERAL PROGRAM FOR MAJORS: The program for majors, consisting of not fewer than 25 hours in the department, is designed to provide an excellent

*Sabbatical Leave, Spring Semester 1998
**Sabbatical Leave, Fall Semester 1997
background and training for the student who wishes to prepare for secondary-level teaching, government service, law school, or graduate work in political science. Students who take appropriate electives in other disciplines may also prepare for eventual careers in journalism, public relations, industry, small business, personnel administration, as well as other facets of human relations. To assure a good balance of course work, each student major will be required to enroll in 100 or 101, 242, 251, 4 hours advanced American Government, 4 hours advanced International Relations or theory, 4 hours Comparative Government, and a Capstone Seminar, which cannot be taken unless 100 or 101, 242, 251 are fulfilled. Each major is strongly urged to take Economics 211 and to fulfill the college mathematics requirement by taking Statistics (Math 210). Majors are also strongly urged to gain computer literacy by taking Computer Science 110 or 120.

MINOR IN POLITICAL SCIENCE: A minor consists of a minimum of 16 credits selected as follows: POL 100 or 101, 242, 251 and one to two advanced courses to reach the 16 hours requirement. For a teaching minor, students should select one or two additional courses from the foreign and domestic courses described below.

SPECIAL POLITICAL SCIENCE PROGRAM IN FOREIGN AREA STUDIES: A political science major may choose to concentrate on foreign area studies in which case she/he will complete an individually tailored 31 hour study program formulated in conjunction with his or her advisor. This study program would include an appropriate balance of subnational, national, and international level political science courses and must be approved by the Department of Political Science. Political Science 100 or 101 is required. Programs will vary according to geographic areas and interested students should see any of the faculty members who serve as program advisors: Dr. Dandavati, Dr. Elder, or Dr. Holmes. For most of these area programs, up to six of the 31 hour requirement may be taken outside the Department of Political Science. Students who meet the International Education Committee's requirements for study abroad are encouraged to include a year of study in the area itself through programs such as those sponsored by the GLCA or IES.

100. Introduction to American Political Institutions — This course provides an introduction to American national level political institutions. Introductory lectures are provided on the history and development of political science within the social sciences and the use of social science methods of research within political science. A one-hour lab is optional for this course. In this lab, students are introduced to: the use of sets of data as one means of conducting research; specified portions of the World Wide Web as potential sources of information about politics and/or public policy issues; and library resources. The lab meets five times during the semester.

101. National Government — This course presents a study of the national government from its origins (including the formation and development of the Constitution) through its development to the present. Varying approaches to teaching this course are used by the staff. Elder's course, the only sections offered during 1997-98, emphasizes various approaches used to study national government.

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-hour project option is
available to political science majors. A four-hour project option is available to edu­cation majors.

212. Parties, Interest Groups and Elections — This course will involve 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.

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).

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).

242. Introduction to Political Science (Scope and Methods) — Now a major requirement, this introductory course deals with research methods and approaches to the study of politics which teaches 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. Assignments are limited to several 2-3 page papers and a final exam.

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.

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 of the course will be 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 evaluate alternative frameworks for social, political and economic change, and democracy in the continent as a whole and individual countries in particular.

270. Introduction to Culture and Politics of Indian Subcontinent — Considerable emphasis will be placed on comparative methodology and on the effects which religion, social structure, and history can have on the nature of the functions performed by the political institutions of a society. Major emphasis will be on the
social and political institutions of India, Pakistan, and Sri Lanka. Prerequisite: one semester of college work.

294. Government in Washington — Government in Washington is an exposure, through readings and on the spot interviews, to government officials, programs and policies in Washington, D.C. This May Term course provides student participants some 50-60 interviews with Washington officials during a three-week period. Political Science 294 is a prerequisite for any student who wishes to take a six hours credit, eight-week summer internship in Washington. Students are advised to consider combining Political Science 294 with a Washington summer internship (Political Science 391).

Three Hours Elder, Zoetewey May Term

295. Studies in Political Science — This course allows a student to take a course 1) that would have a particular relevance at a particular time, 2) that would arouse and attract student interest, and 3) that would allow professors to develop areas within or related to their academic training. Courses that have been or could be offered include Civil Rights, Public Policy Issues, Urban Government and Politics, Lobbying Issues, Political Violence, and Global Political Economy. Prerequisite: One semester of college work.

Three or Four Hours Staff Both Semesters

295-01. Public Opinion — This course will examine issues such as the use and reliability of opinion polls, influences on public opinion, and the role of public opinion in policy making. Insight on these issues will provide a better understanding of the role of public opinion in American politics.

Three Hours Toppen Fall Semester

295-02. Comparative Feminisms — This course will examine women both in emerging and developed countries. We will look at the many different perspectives and viewpoints that determine women’s status in society. This course will include a student presentation and is heavily weighted on class participation.

Four Hours Dandavati Fall Semester

303. China and Japan — The purpose of this course is to familiarize the student with the politics and culture of China and Japan and, in the process, provide a base of knowledge from which analysis and comparisons can be made. The primary focus of the course will be on understanding problems of economic and political development and studying institutions such as the state, the military, and bureaucracy. We build on broader issues of Human Rights status of women and different socio-economic, and cultural realities. We will evaluate alternative frameworks for social, political, and economic change; and democracy in China and Japan.

Four Hours Dandavati Not Offered in 1997-98

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 functions of Congress and the President, reapportionment and redistricting, nominations and elections, 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 Hours Zoetewey Not Offered 1997-98

337. Judicial Process — This course examines the fundamentals of the American Judicial Process, with an emphasis on the judiciary as a political institution and on the political forces which shape and determine judicial behavior and legal outcomes.

Four Hours Ryden Fall Semester
339. American Constitutional Law — This course is a topical and developmental survey of the principles of the U.S. Constitution. The first part of the course covers judicial procedures, the development of the principle of constitutionalism, judicial review, federalism, and the separation of powers. The balance of the term is focused on key developments in regulation of commerce, due process, equal protection, first amendment protections, privacy, and criminal justice. Open to qualified sophomores.  
Four Hours Zoetewey Not Offered 1997-98

340. Women and The Law — This course will examine the various legal constraints and legal rights women encounter 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. Prerequisite: one semester of college work.  
Three Hours Staff Not Offered 1997-98

341. Ancient and Medieval Political Thought — We will examine such thinkers as Plato, Aristotle, Cicero, Augustine, Aquinas, Luther, 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, and the need for social order. We will also investigate how modern political thought differs from ancient and medieval views.  
Four Hours Allis Not Offered 1997-98

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.  
Four Hours Allis Fall Semester

344. 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.  
Four Hours Allis Not Offered 1997-98

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 courses 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 Hours Elder, Ryder Not Offered 1997-98

352. International Law, Organization, and Systems — This course surveys present and possible future international procedures and systems for resolving problems arising from relations among nation-states. Open to qualified sophomores.  
Four Hours Staff Not Offered 1997-98

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.

Three Hours Holmes Summer Term

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 Hours Holmes Fall Semester

391. Internship Program — A variety of internship programs are available through the Political Science Department. 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 Hours Staff Both Semesters

392-01. Washington Semester Internship in Congress.
393-01. Washington Semester Internship in American Foreign Policy.
393-02. Washington Semester Internship in Public Administration.

These four internships are offered under the Washington Semester Program (see Political Science 496). Students 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 Hours Holmes Spring Semester

394. Model United Nations — Model United Nations provides students with an international relations internship emphasizing current world problems in the context of the United Nations. Students are responsible for conducting Michigan's largest Model United Nations program which includes several General Assemblies and Security Councils as well as an Economic and Social Council. Simulated issues and crises are prepared for high school participants representing many different countries. Model United Nations may be taken for two to four hours credit. The two hour course is open to all students. The four hour course may be taken with the consent of the instructor.

Two or Four Hours Dandavati, Holmes Spring Semester

395. Campaign Management — Campaign management studies the methods and techniques of managing a campaign for public office. Topics covered 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 in the course choose between a Democratic Party and a Republican Party lab when doing their field work. Individual campaign plans are prepared at the end of the course. Open to qualified sophomores for two to four hours of credit. Freshmen enrolled in National Government may take this for one hour of credit. Offered only during election years.

One to Four Hours Elder, Holmes, Pocock Not Offered 1997-98

490. Independent Studies — Independent research of an advanced nature 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 Hours Staff Both Semesters
491. Readings — Independent reading of assigned works of an advanced nature under the supervision of a designated staff member. Prerequisite: consent of the instructor.

One to Three Hours Staff Both Semesters

492. Washington Semester Preparation — This course provides an orientation for accepted Washington Honors Semester students. The course examines current public policy issues and seeks to sharpen written and oral communication skills.

One or Two Hours Elder/Ryden 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 101, 242, and 251 at the start of the course.

Four Hours Dandavati, Elder, Holmes, Ryden, Zoetewey Both Semesters

496. Washington Semester Program — This 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 (Political Science 496, 8 hours credit); 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 hours credit), the executive branch (Political Science 393-01 or 02, 4 hours credit), or with political interest groups (Political Science 392-02, 4 hours credit); and prepare extensive research papers based upon their semester's work.

Sixteen Hours Zoetewey Spring Semester
Faculty: Mr. Shaughnessy, Chairperson; Ms. Dickie, Mr. Green, Ms. Hernandez-Jarvis, Mr. Ludwig, Ms. Mc Greal, Mr. Motiff, Mr. Myers, Ms. Roehling*, Ms. Witvliet. Adjunct: Mr. Schregardus.

The Department of Psychology provides its students with a strong base in psychology’s methods and concepts in order to prepare them to think intelligently 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 that 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 opportunity for research experience. The department also offers some thirty-five internships with Holland area human service agencies. Other internships and research opportunities are available on campus (e.g., Frost Social Science Research Center) and through off-campus semester programs in Philadelphia and Chicago.

The department’s exceptional facilities include an eight-room laboratory for observing instruction and thirty research labs. Many students collaborate with faculty in research in much the same way that graduate students do in universities. Each year, two dozen or more 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 human service (e.g., M.A., M.S.W.) should consider courses developing both helping skills and research/evaluation skills. Currently, helping skills can be learned in the Theory and Practice of Helping course, the May Term course The Helping Relationship (PSY 365), certain internships (PSY 496), and Helpline (PSY 290). Human service agencies value evaluation and research skills, and students should consider especially courses offered by the Carl Frost Social Science Research Center: Data Analysis (SSR 395) and Research Practicum (SSR 495) and SOC 262. Other pertinent courses include Communication 210, 220, 320, and 330. Students considering work in probation and the criminal justice system might want to take Political Science 337 and 340. Human service professions related courses include Sociology 101, 231, 232, 241, 262, 312, and 331, and IDS 295 (Encounter with Cultures). Consultation with your psychology advisor is recommended in making choices from among the courses listed above. Students intending to enroll in a MSW program can choose either the Social Work major or the Psychology major.

Hope’s Psychology Department is nationally recognized. Research reported by psychology students at regional and national conventions has been recognized by award from psychology’s national honor society. 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, from Yale in the Northeast to UCLA in the Southwest, assuring that the department will continue to be a prominent source of future psychologists.

MAJOR REQUIREMENTS: The psychology major is composed of a minimum of 30 credit hours distributed across six categories of courses. These categories correspond to different goals and objectives delineated in the Psychology Department Mission Statement.

*Leave of Absence, 1997-99
**Basic psychology knowledge and skills (10 credits required)**

Introduction to Psychology (4 credits), Research Methods (4 credits), and an experience that develops helping skills (2 credits) are required in this category. The helping skills requirement can be met in a number of ways including The Theory and Practice of Helping, The Helping Relationship: Principles and Skills, and Helpline training (Psychology 290). Psychology 200 is a prerequisite for The Theory and Practice of Helping course that will be phased in over the next few years. In addition to these 10 credits, statistical competence appropriate to one's career path must be demonstrated. This is ordinarily done by completing a statistics course at an appropriate level (usually Math 210 or Math 310).

**Survey courses with laboratory experience (4 credits required)**

Students may select from Cognitive Psychology, Social Psychology, or Personality Psychology (each 4 credits with a laboratory component that includes data collection and analyses).

**Survey courses with practicum (4 credits required)**

Students may choose from Developmental Psychology, Physiological Psychology, or Behavior Disorders (each 4 credits with a practicum component including field work or applied experience).

**Additional survey course (4 credits required)**

One more course from either of the survey course categories must be taken.

**Topical seminar courses (4 credits required)**

A variety of topical seminar courses are either currently available or are being planned (each offered for 2 credits), and include Practical Aspects of Memory, Psychology of Language, Human Sexuality, Health Psychology, Adult Development and Aging, Tests and Measurements, Clinical Psychology, Behavior Disorders in the Media.

**Perspective-taking seminar courses (2 credits required)**

Psychology of Women, Latino Child, Prejudice and Stereotyping, Encounter with Cultures (IDS 295), Ethnicity in Holland, or Faith Seeking Justice will satisfy this requirement.

**Mentored experience (2 credits required)**

Opportunities for a mentored experience include Advanced Research (4 credits), Internship (2, 3 or 4 credits), or Community Research Practicum offered by the Frost Center (2, 3 or 4 credits).

Psychology majors are strongly encouraged to take Advanced Research (Psychology 390) if they expect to undertake graduate study at any time in the future. Because behavior is rooted in biological processes, course work in biology such as Biology 100, Biology 150 and Biology 221 are also recommended.

Students who have questions about whether the prescribed 30-hour 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. Written copy of this alternate major program is filed with the department chairperson. Such students should contact the Psychology Department chairperson or their psychology advisor as soon as possible so that the construction of the major program can be done as a forethought rather than an afterthought.

**MINOR REQUIREMENTS:** The psychology minor consists of a minimum of 18 hours of psychology credit. Psychology 290, 295, 395, 490, 494, 495, and 496 may be repeated but no more than four credit hours in any combination will be counted toward the 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 (and including most of the subjects suggested by other psychology course titles). Laboratory experiments and exercises provide hands-on experience. Psychology 100 or Psychology 200 is a prerequisite for all other psychology courses. 

Four Hours Staff Both Semesters

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.

Four Hours Hernandez-Jarvis, Motiff, 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.

Four Hours Dickie, Ludwig, Mc Greal Both Semesters

260. Personality Psychology — An examination of theories and research related to individual differences in thoughts, feelings and behavior. Theories of personality are covered with an emphasis on current research and applications. Data collection and analysis are part of the laboratory experience.

Four Hours Spring Semester

280. Social Psychology — The scientific study of how people think about, influence, and relate to one another. Topics include aggression, conformity, persuasion, prejudice, and interpersonal attraction. Data collection and analysis are part of the laboratory experience.

Four Hours Staff Fall Semester

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.

Four Hours Dickie 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 placement (Helpline) 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 hours may be applied to the 18-hour psychology minor. Pass/Fail credit only. Prerequisites: Psychology 100 and permission of the instructor/supervisor.

One or Two Hours 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 hours may be applied to the 18-hour psychology minor. Prerequisite: permission of instructor.

Two or Three Hours Staff

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.

Two Hours Shaughnessy Both Semesters

320. Physiological Psychology — An introduction to the physiological bases of behavior. Research findings and methods will be emphasized regarding the neural processes underlying brain function and behavior.

Four Hours Motiff Both Semesters

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 Hours 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. Includes laboratory experience.

Four Hours Hernandez-Jarvis Spring Semester

365. The Helping Relationship: Principles and Skills — A seminar-workshop discussing principles and practicing skills involved in helping others. Persons intending to be psychologists or social workers or to help others as ministers, physicians, teachers, etc., will find a theoretical framework in which to view their helping functions and skills in a systematic manner. A psychological perspective for functioning paraprofessionals is emphasized. The course requires permission of the instructor and is held off campus.

Four Hours Motiff May Term

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. A practicum component of the course requires students to volunteer at a mental health practicum site.

Four Hours Roehling, 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.

Two Hours Dickie Spring Semester

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. Prerequisites: Research Methods (PS 200) and permission of the instructor. It is strongly recommended that the course be taken no later than during the junior year. This course may be taken only once.

Four Hours 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 hours may be applied to the 18-hour psychology minor. Prerequisite: permission of instructor.

Two Hours Staff
410. Clinical Psychology - Therapy and Assessment — 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, legal and ethical issues involving assessment of personality and intelligence will be examined. Prerequisite: Psychology 370.

Three Hours Roehling, 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 Hours Motiff Once A Year

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 three forms: 1) the scholarly treatment of a particular topic using the library; 2) laboratory research; 3) a field placement combining study and an appropriate work experience with an organization or a professional person.

All three project 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 credit hours and whether the course is taken for a grade or on a pass-fail basis are subject to departmental approval. The course may be repeated but no more than four hours of credit in this course may be applied to the psychology minor requirement of 18 hours.

Hours to be Arranged Staff Both Semesters and Summer

494. Topical Seminar — A student or faculty initiated seminar on a special topic in psychology. Intended for students of demonstrated maturity, as usually indicated by upperclass standing. May be repeated for credit, but no more than four hours in 290, 295, 395, 490, 494, 495 and 496 may be applied to the 18-hour psychology minor requirement. Prerequisite: permission of seminar instructor. (Examples of previous offerings are: Mental Retardation, Human Sexuality, Motivation and Personality, Psychology of Language, and Psychology of Religion.)

Two Hours Staff

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 hours may be applied to the 18-hour psychology minor requirement. Prerequisite: permission of instructor.

Two Hours Staff

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 one hour of credit. This course may be repeated for credit but no more than four hours may be applied to the 18-hour psychology minor. Prerequisite: departmental approval.

Hours to be Arranged Motiff, Roehling, Witvliet Both Semesters

Internship opportunities for psychology students are also available through the Chicago, Philadelphia, and Washington semesters. See pages 296-297.
Faculty: Mr. Verhey, Chairperson; Mr. Bandstra*, Mr. Bouma-Prediger, Ms. Everts, Ms. Japinga, Mr. Munoa, Mr. Tyler, Mr. Wilson.

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 five areas of academic investigation: biblical studies, historical studies, theological studies, world religions, and religion in its social world. Some majors concentrate in one of those areas and develop, thereby, a considerable expertise. Others combine their religion major with another (such as biology, English or psychology) and "double major." But whether they choose greater depth or greater breadth, 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 or Chicago Urban Semester to investigate alternative ministries in an urban setting
- leading youth groups, both denominational and non-denominational, in area churches and performing community services

Graduates of the Department of Religion are currently leading satisfying careers such as:

- serving in the denominational headquarters of a national church
- teaching in a seminary or college
- serving as a counsellor 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

RELIGION OFFERINGS FOR THE ALL-COLLEGE REQUIREMENTS

Studies in the department are an integral part of the college curriculum and six semester hours (three semester hours for Junior and Senior transferees) in Religion offerings are required for graduation. Three of these hours are to be elected from the Basic Studies in Religion. The remaining hours are to be drawn from the upper level religion courses, allowing for those exceptions where additional prerequisites are listed.

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 five disciplines: Biblical Studies, Historical Studies, Theological Studies, Studies in World Religions, Studies of Religion in Culture. A religion major program requires 27-30 semester hours of courses elected from the five disciplines in religion. The major includes upper-level courses (200-300) in the following areas: two courses in Biblical Studies, two courses in Historical Studies, two courses in Theological Studies, one course in Studies in World Religions, one course in Religion in Culture. Two 400 level courses are also required. At least one of the 400 level courses must be a departmental seminar (Religion 493 or 495), specifically designed for religion majors and minors who are Juniors and Seniors. The other 400 level coursework requirement may be met through a second seminar, or an Independent Study

*Sabbatical Leave, Spring Semester 1998

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RELIGION

(Religion 490). Also required is Expository Writing, English 213. Options for religion majors 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.

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 the youth ministry course and two youth ministry internships are added. These courses include Christian Education or Youth Ministry and six hours of internship.

MINOR IN RELIGION: A minor consists of a minimum of 18 credits, including one course at the 100 level, four courses at the 200 and/or 300 level (it is suggested that these courses be elected from four of the five major disciplines offered by the department) and one course at the 400 level.

THE RELIGION MINOR FOR TEACHER CERTIFICATION IN SECONDARY EDUCATION: This specialized minor meets State of Michigan requirements for certification to teach religion in public schools. A total of 23 required hours is stipulated. In addition to seven specified religion courses, prospective minors must enroll in Education 381—Teaching Religion in Secondary Schools (2 hours). For further information, see the Department of Religion chairperson.

Basic Studies in Religion

100. Basic Studies in Religion — The course in general 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 for current offerings.

111. Introduction to Biblical Literature — A beginning study of the history and theology of the Old and New Testaments. Three Hours Bandstra, Munoa, Verhey

121. Christian Origins — A study of the origins of Christianity using the documents of the New Testament and the early church. Emphasis will be placed on issues which affected the beginnings of Christianity and remain important today. Three Hours Everts, Japinga, Munoa, Tyler

131. Basic Christian Thought — A study of basic Christian beliefs about God, creation, humanity, evil, Jesus Christ, salvation, the church, and the future. These beliefs are examined in light of the Bible, history, and contemporary culture. Three Hours Bouma-Prediger

141. 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. Three Hours Wilson

151. Religion and Society — An examination of the ways in which religion shapes the beliefs and actions of individuals and groups, with particular emphasis on the role of Christianity in contemporary American culture. Three Hours Japinga

Biblical Studies

213. Biblical Prophecy — A close study of the literature of the prophets against the background of Israelite and Mesopotamian history. Three Hours Bandstra
214. Apocalyptic Literature — A study of the apocalyptic literature the Old and New Testaments with close attention given to the rise of apocalyptic prophecy and the development of Judaism during the intertestamental period.  
*Three Hours  Bandstra, Munoa*

217. Gospel Literature — 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.  
*Three Hours  Munoa*

218. Pauline Literature — A study of the letters of Paul as concrete addresses to particular problems of real communities. The life of Paul, the sources of his thought, and the consistent theological and ethical themes in the letters are investigated.  
*Three Hours  Everts*

311. Wisdom Literature — A close reading of the Old Testament wisdom literature, with special focus on Job, Proverbs and Ecclesiastes with a view to discerning the nature of biblical wisdom and its role in daily living.  
*Three Hours  Bandstra*

313. Archeology and the World of the Bible — A study of Near Eastern archeological discoveries and their role in illuminating the history and literature of the biblical period.  
*Three Hours  Bandstra*

315. Biblical Theology — A study of major theological themes evidenced in biblical literature, with attention given to methods of interpretation.  
*Three Hours  Bandstra*

316. Late New Testament 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.  
*Three Hours  Munoa*

*Three Hours  Verhey*

318. 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. Prerequisite: 111, 121, or 217.  
*Three Hours  Everts*

**Historical Studies**

221. Rise of Christianity I — The rise and development of Christianity from the second century to the Reformation era. Students who intend to take both 221 and 222 should select them in their proper sequence.  
*Three Hours  Tyler*

222. Rise of Christianity II — The history of Christianity from the Reformation to the present day. Students who intend to take both 221 and 222 should select them in their proper sequence.  
*Three Hours  Japinga, Tyler*

321. Religion in America — A historical analysis of the various religious movements in America from colonial times to the present.  
*Three Hours  Japinga*

*Three Hours  Tyler, Verhey*

323. Christianity and Contemporary American Culture — An examination of the various ways the Christian faith interacts with major phenomena in contemporary American culture.  
*Three Hours  Staff*
## Theological Studies

### 232. 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.

*Three Hours*  
Wilson, Bouma-Prediger

### 233. Perspectives on Christ — A study of major images of and beliefs about Jesus Christ found among Christians and non-Christians, from biblical times to the present day, in sacred scripture and in church creeds, in mystical writings and historical novels, in music and on film.

*Three Hours*  
Bouma-Prediger

### 234. Holy Spirit and Christian Spirituality — A study of major views within the Christian tradition on the person and work of the Holy Spirit and 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, Teresa of Avila, Kierkegaard, and Bonhoeffer will be examined.

*Three Hours*  
Bouma-Prediger

### 236. Christian Feminism — A study of the role of women in the Bible, the history of Christianity, and contemporary culture, with an emphasis on the writings of feminist theologians.

*Three Hours*  
Japinga

### 332. Creation and New Creation — A study of major Jewish and Christian conceptions of the creation of the world and humanity, liberation from evil, and the transformation into new creation. These conceptions are compared to those of other religious traditions, and all are evaluated on the basis of the biblical witness. Special emphasis is given to how these concepts relate to contemporary ecological degradation.

*Three Hours*  
Bouma-Prediger

### 334. Theological Reflections — A study of major issues and questions which arise in Christian philosophical theology. Topics covered include grounds for belief in God; how God is known; what God is like; theology and science; nature and miracles; the problem of evil; religious pluralism; the meaning of guilt and death in religious life.

*Three Hours*  
Bouma-Prediger

## Studies in World Religions

### 241. 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.

*Three Hours*  
Wilson

### 243. Religions of China and Japan — A study of the history and development of the major religions of China and Japan. Emphasis is placed on the distinction between religions indigenous to these areas and those which were "imported." Analysis of the interaction between these two types of religions directs our attention to the influence of culture on religion and religion on culture. This course is taught alternately as Religions of China and Religions of Japan.

*Three Hours*  
Wilson

### 343. 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.

*Three Hours*  
Wilson
Religion in Culture

252. Christian Ethics — This course introduces students to models of Christian reflection about moral issues, to methodological considerations in moral theology, and to a variety of contemporary moral concerns. Three Hours Verhey

352. Christian Education — An examination of current trends in Christian education in reference to theory, methods, and curricula in Christian education for the local church. Prerequisites: two courses in religion and sophomore standing. Three Hours Staff

353. Christian Love — This course examines the crowning virtue in Christian morality, with special attention to sexual ethics. In a theological framework, students reflect on the origins and ends of sexuality, on the relation of love to justice, and on the meaning of marriage and the single life. Three Hours Staff

358. Youth Ministry — An examination of contemporary youth culture and adolescent religious development with a view to developing an effective Christian ministry to young people. Prerequisites: two courses in religion and sophomore standing. Three Hours Staff

Seminar and Independent Study

295. Studies in Religion — A lecture or seminar class on a selected topic from one of the five disciplines of the department. Prerequisite: one course in religion and sophomore standing. Three Hours Staff

398. Religion Internship I — A supervised practical experience in a church or religious organization. This experience will involve at least 5 hours per week for a full academic year in a setting approved by the instructor. Participation in group supervision sessions is also required. In order to receive credit for 398, students must register for 399 the following semester. Prerequisites: three courses in religion (one of which must be in biblical studies), Christian Education or Youth Ministries, and permission of instructor. One and One-Half Hours Everts

399. Religion Internship II — A continuation of 398. In order to register for 399, students must have been enrolled in 398 the previous semester. Prerequisite: 398. One and One-Half Hours Everts

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 or Three Hours Staff

493. Seminar — Offered as needed to cover topics not usually included in other religion courses. Enrollment is normally limited to 15 students. For religion majors and minors, or by permission of the instructor. Three Hours Staff

495. Advanced Topics in Religion — A senior level lecture-discussion course intended for students of demonstrated maturity, as usually indicated by upperclass standing. Three Hours Staff

499. Independent Internship — A supervised practical experience in a church or religious organization. This experience will involve at least 5 hours per week for a full academic year or 9 hours per week for a semester in a setting approved by the instructor. There will be 2 hours of direct supervision for every 25 hours of ministry experience, and an independent research project related to the ministry experience. Prerequisites: five courses in religion (one of which must be in biblical studies) and permission of the instructor; 399 is strongly recommended. Three Hours Everts
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 fields.

The Social Work major is a professional degree that is accredited by the Council on Social Work Education. Its principal objective is preparing 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 and methodological issues of the discipline. In addition, they will be able to choose from a wide selection of topical courses. These courses bring various theoretical and methodological understandings to the analysis of specific social structures and processes. Finally, majors will participate in a senior-level capstone course which will focus on current issues of significance in the discipline.

The Sociology major requires a minimum of 27 hours. The course program must include a) Sociology and Social Problems (Sociology 101); b) Introductory Statistics (Mathematics 210); c) Theoretical Perspectives in Sociology (Sociology 261); d) Methods of Social Research (Sociology 262); and e) Seminar in Sociology (Sociology 495).

Sociology majors are encouraged to take the following sequence of courses:

<table>
<thead>
<tr>
<th>Year</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
</tr>
<tr>
<td>SOC 101</td>
<td>Sociology and Social Problems 3</td>
</tr>
<tr>
<td>REL 151</td>
<td>Religion and Society 3</td>
</tr>
<tr>
<td>KIN 140</td>
<td>Health Dynamics 2</td>
</tr>
<tr>
<td>POL 101</td>
<td>National Government or ECON 211 Macroeconomics 3 or 4</td>
</tr>
<tr>
<td>BIOL 100</td>
<td>Biology 4</td>
</tr>
<tr>
<td>ENGL 113</td>
<td>Expository Writing 4</td>
</tr>
<tr>
<td>Foreign Language requirement 7</td>
<td></td>
</tr>
<tr>
<td>1 Cultural History requirement 4</td>
<td></td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td></td>
</tr>
<tr>
<td>SOC 261</td>
<td>Theoretical Perspectives (Spring) 3</td>
</tr>
<tr>
<td>SOC 262</td>
<td>Social Research Methods 3</td>
</tr>
<tr>
<td>1 Sociology Elective</td>
<td></td>
</tr>
<tr>
<td>PSY 100</td>
<td>Introduction to Psychology 4</td>
</tr>
<tr>
<td>MATH 210</td>
<td>Introductory Statistics 3</td>
</tr>
<tr>
<td>1 Cultural History requirement 4</td>
<td></td>
</tr>
<tr>
<td>1 Performing Arts requirement 4</td>
<td></td>
</tr>
<tr>
<td>2 General Electives 6</td>
<td></td>
</tr>
<tr>
<td><strong>Third Year</strong></td>
<td></td>
</tr>
<tr>
<td>2 Sociology Electives 6</td>
<td></td>
</tr>
<tr>
<td>2 Cultural History Requirements 6</td>
<td></td>
</tr>
<tr>
<td>Upper division Religion requirement 3</td>
<td></td>
</tr>
</tbody>
</table>
This schedule is intentionally structured so students can undertake off-campus programs during either their junior year or the first semester of their senior year. Sociology students have the unique opportunity to carry out some of their studies in other social contexts. In particular, the GLCA Urban Studies Semester, the Philadelphia Center, and the Chicago Metropolitan Semester offer students courses and field placements in urban settings. An off-campus program is strongly recommended.

**SOCILOGY MINOR**

A minor in the field of sociology consists of three required courses (Sociology 101, 261, and 262) and three sociology electives of the student’s choosing.

**Sociology Courses**

101. Sociology and Social Problems — An examination of the concepts and theories which make up the sociological perspective, the evidence which supports these theories, and the ways in which the sociological perspective can aid in understanding social phenomena in the contemporary world. Sociology 101 is a prerequisite for all 200, 300, and 400 level sociology courses.

*Three Hours Luidens, Nemeth, Swanson, Wells Both Semesters*

151. Cultural Anthropology — A study of the historical trends in anthropology that have led to its present perspective. The concepts of functionalism and cultural relativism are examined and evaluated. The course surveys various cultural patterns around the world.

*Three Hours Sobania Fall Semester*

231. Criminology — The study of the social definition of “crime” and the process of defining criminals. The roles of power and group self-interest will be analyzed as we examine the demographic and social contexts in which crime has been variously “found” in society.

*Three Hours Luidens Fall Semester*

232. Sociology of the Family — A study of family structure in both American society and other cultures. Theory and research will focus on trends in family life and social problems reflected in family functioning. Same as Social Work 232.

*Three Hours Piers Both Semesters*

261. Theoretical Perspectives in Sociology — This course will consider the major nineteenth and twentieth century theorists of sociology and the major questions asked and primary issues focused on by each.

*Three Hours Luidens Spring Semester*

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.

*Three Hours Nemeth, Swanson Both Semesters*
SOCILOGY AND SOCIAL WORK

263. Research Methods Lab — Research Methods Lab will serve as an extension of Social Research Methods by providing more in-depth discussion and application of survey research. Students will participate in the development and administration of a survey of the campus or the surrounding community.

One Hour Nemeth, Swanson

265. Sociology of Education — Education will be considered from the institutional perspective as an agency of socialization. Students will undertake an analysis of various school and community relationships and consider the responsibility of both for the education of youth.

Three Hours Luidens

268. Sociology of Gender — A variety of theories and perspectives will be used to examine the different roles prescribed for individuals on the basis of their gender, with particular focus on the roles of socialization and social structure. Same as Women’s Studies 268.

Three Hours Swanson 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.

Three Hours Wells

280. Social Psychology — The scientific study of how people think about, influence, and relate to one another. Topics include aggression, conformity, persuasion, prejudice, and interpersonal attraction. Prerequisites: sophomore standing and Psychology 100. Same as Psychology 280.

Four Hours Both Semesters

295. Studies in Sociology — Readings and discussion focusing on a selected topic of interest to sociologists and students. Prerequisite: permission of the instructor.

Two or Three Hours Staff Both Semesters

311. Population Studies — An analysis of the determinants and consequences of changes in the basic demographic variables: fertility, mortality, migration. Composition and distribution of population throughout the world will be covered with emphasis on the relationship between population and other social, economic, and political factors. Issues about population control are also considered.

Three Hours Nemeth

312. Urban Sociology — This course analyzes the perspectives sociologists use in studying cities, factors involved in urbanization, and the problems facing contemporary cities. It will study the origin and development of cities and the impact of urbanization on social life. The changing shape and nature of cities and urban social problems will be discussed.

Three Hours Nemeth

325. Sociology of Formal Organizations — An analysis of the nature and dimensions of formal, complex organizations. Examination will be made of the interrelationship between the principal organizational variables, such as centralization of power, job satisfaction among employees, formalization of tasks, and effectiveness of performance.

Three Hours Luidens

331. Social Stratification — This course is a study of sociological theory and research bearing on the various systems of social classification, such as class, power, prestige, race, ethnic background, sex, and age categories.

Three Hours Swanson Fall Semester 1997

333. Medical Sociology — This course serves as an introduction to the concepts of health, illness, and disease. The impact of gender, race, and social class on the perception and distribution of disease is stressed. Attention is also given to the
SOCIOMETRY AND SOCIAL WORK

social structure of the health care delivery system and of alternative systems of health care.  

Three Hours Nemeth

341. Sociology of Religion — This course will introduce students to functionalist, conflictual, and phenomenological approaches to the sociological study of religion. Primary focus will be on the changes to the form and practice of religion in modern and secularizing societies. Recent research findings will be stressed.  

Three Hours Luidens

351. Sociology of Sport — An examination of the scope and social impact of sport in the twentieth century. Special attention will be focused on sport and social processes, such as the influence of sport on mobility, stratification, and socialization. Emphasis will also be given to contemporary problems in sport and the future of organized sport.  

Three Hours Fall Semester 1997

356. Social Movements — Understanding of macro social change is a fundamental concern in sociology. This course will examine social movements as attempts to promote social change through collective action using institutionalized and non-institutionalized tactics. Emphasis will be given to both structural and cultural aspects of movement experiences.  

Three Hours Swanson Fall Semester 1997

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 or Three Hours 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: 15 hours of sociology.  

Three Hours Luidens, Nemeth, Swanson Spring Semester

SOCIAL WORK MAJOR

The 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 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.

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) Sociology of the Family (Social Work 232); b) Introduction to Social Welfare (Social Work 241); c) Child Welfare (Social Work 242); d) Methods of Social Research (Social Work 262); e) Human Behavior and Social Environment (Social Work 310); f) Social Work Interviewing (Social Work 320); g) Contemporary Social Policy (Social Work 322); h) Social Work Interventions I, II and III (Social Work 351, 352 and 401); and i) 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 Biology 100, Psychology 100, Sociology 100, 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.
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.
5. Applicants should be aware that since enrollment in the community-based practicum must be limited to the number of placements available, acceptance to the practicum program also is limited and fulfillment of the admission and course requirements does not guarantee practicum admission.

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) Developmental Psychology (Psychology 230); c) National Government (Political Science 101); d) Sociology and Social Problems (Sociology 101); e) General Biology (Biology 100); and f) Introductory Statistics (Mathematics 210).

It is strongly recommended that Social Work students take Encounter with Cultures (IDS 295) to fulfill one of their core requirements.

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:

<table>
<thead>
<tr>
<th>Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year — Fall</td>
<td></td>
</tr>
<tr>
<td>BIOL 100</td>
<td>Biology</td>
</tr>
<tr>
<td>REL 100</td>
<td>Basic Religion Course</td>
</tr>
<tr>
<td>ENG 113</td>
<td>Expository Writing</td>
</tr>
<tr>
<td>KIN 140</td>
<td>Health Dynamics</td>
</tr>
<tr>
<td>Cultural History requirement</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Freshman Year — Spring</td>
<td></td>
</tr>
<tr>
<td>POL 101</td>
<td>National Government</td>
</tr>
<tr>
<td>SOC 101</td>
<td>Sociology and Social Problems</td>
</tr>
<tr>
<td>Semester</td>
<td>Hours</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>PSY 100</td>
<td>4</td>
</tr>
<tr>
<td>Performing Arts requirement</td>
<td>4</td>
</tr>
<tr>
<td>PSY 230  Child Welfare</td>
<td>4</td>
</tr>
<tr>
<td>Language requirement</td>
<td>4</td>
</tr>
<tr>
<td>Cultural History requirement</td>
<td>4</td>
</tr>
<tr>
<td>Natural Science requirement</td>
<td>2</td>
</tr>
<tr>
<td><strong>Sophomore Year — Fall</strong></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>SWK 242      Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SWK 310      Social Welfare</td>
<td>3</td>
</tr>
<tr>
<td>SWK 351      Social Interventions I</td>
<td>3</td>
</tr>
<tr>
<td>Performing Arts requirement</td>
<td>2</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td><strong>Sophomore Year — Spring</strong></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td>SWK 232      Sociology of the Family</td>
<td>3</td>
</tr>
<tr>
<td>SWK 241      Social Welfare</td>
<td>3</td>
</tr>
<tr>
<td>Language requirement</td>
<td>3</td>
</tr>
<tr>
<td>MATH 210      Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td><strong>Junior Year — Fall</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>SWK 262      Social Research</td>
<td>3</td>
</tr>
<tr>
<td>SWK 310      HBSE</td>
<td>3</td>
</tr>
<tr>
<td>SWK 351      Social Interventions I</td>
<td>3</td>
</tr>
<tr>
<td>Performing Arts requirement</td>
<td>2</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td><strong>Junior Year — Spring</strong></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>SWK 322      Social Policy</td>
<td>3</td>
</tr>
<tr>
<td>SWK 352      Social Interventions II</td>
<td>3</td>
</tr>
<tr>
<td>SWK 320      Social Work Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>7</td>
</tr>
<tr>
<td><strong>Senior Year — Fall</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>SWK 401      Social Interventions III</td>
<td>3</td>
</tr>
<tr>
<td>SWK 443      Field Practicum</td>
<td>6</td>
</tr>
<tr>
<td>Upper division Religion</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Senior Year — Spring</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>SWK 446      Field Practicum</td>
<td>6</td>
</tr>
<tr>
<td>Electives</td>
<td>7</td>
</tr>
</tbody>
</table>

With prior permission, social work students may be allowed to carry out internships at the Chicago Metropolitan Semester.

Graduates of Hope's Social Work Program have been involved in a variety of satisfying careers such as:
- graduate programs in sociology and social work
- ministers and church workers
- directors of drug clinics
- workers in prisons
- supervisors in counseling centers
• teachers of social work
• legal aid lawyers
• professional counselors
• director of programs of special education
• urban planners
• community organizers

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.

Social Work Courses

232. Sociology of the Family — A study of family structure in both American society and other cultures. Theory and research study will focus on trends in family life and social problems reflected in family functioning. Same as Sociology 232.

   Three Hours Piers Both Semesters

241. Introduction to Social Welfare — Examination of social welfare as a social institution, the history and philosophy of social work, and the contribution of social work to social welfare institutions. Corequisite: Sociology 101.

   Three Hours Sturtevant Both Semesters

242. Child Welfare — Examination of the philosophy of child welfare as a specific part of social welfare and the programs and policies which perpetuate the child welfare institutions.

   Three Hours Sturtevant Fall Semester

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 Sociology 262. Corequisite: Math 210.

   Three Hours Nemeth, Swanson Both Semesters

310. Human Behavior and Social Environment — 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. Prerequisites: Biology 100, Psychology 100, Social Work 241; corequisite: Psychology 230.

   Three Hours Piers. Fall 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: Social Work 241.

   Three Hours Osborn Both Semesters

322. Contemporary Social Policy — This course will offer an examination of current social welfare policy issues (such as poverty, homelessness, and mental illness) and the significance of social, economic, and political factors which influence policy making and implementation. Social work majors only. Prerequisite: Social Work 241, Political Science 101.

   Three Hours 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 interventions 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: Social Work 241.

Three Hours 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: Social Work 351.

Three Hours 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: Social Work 352.

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 200 hours per semester in the field. The weekly practicum seminar is also a component of this course. Admission to field practicum is required. Corequisite: Social Work 401. Social work majors only.

Six Hours Piers, Sturtevant Fall Semester

446. Social Work Field Experience II — This course is a continuation of Social Work 443. See Social Work 443 for more information.

Six Hours Piers, Sturtevant 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 hours toward social work major.

Two or Three Hours 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 Hours Staff Both Semesters
Faculty: Ms. Robins, Chairperson; Ms. Bahle, Ms. Bombe*, Mr. Landes, Mr. Ralph, Mr. Smith, Mr. Tammi, Director of Theatre.

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 theatre program is further intended to enhance the cultural life of the community through the presentation of plays of significance from a historical, contemporary, literary, or entertainment point of view.

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 or the Philadelphia Center urban semester program sponsored by the GLCA, or the Chicago Metropolitan Center 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:
• freelance acting
• elementary, secondary, university teaching
• serving as members of resident companies, such as the Actors Theatre of Louisville
• designing lighting for the Joffrey Ballet
• designing properties for the American Repertory Theatre
• internships at regional professional theatres such as Actors Theatre of Louisville, Alaska Repertory Theatre
• assistantships at graduate schools such as University of Minnesota, Purdue University, University of Nebraska, University of Virginia

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 a career in teaching.
3. Preparation for graduate work leading to an M.A., M.F.A., Ph.D., or D.F.A. degree in theatre.
4. Preparation for work in a non-commercial field of theatre such as community theatre.
5. Preparation for advanced training leading to a career in the professional theatre.

The major program is designed on a "contract" basis, with two provisions as follows:
1. A 27-hour general core, consisting of Play Analysis (Theatre 243); Acting (Theatre 161); Theatre Crafts (Theatre 210 and 211); one course chosen from Makeup (Theatre 215), Scene Design (Theatre 222), Lighting Design (Theatre 223), and Costume Design (Theatre 224); Stage Direction (Theatre 331); 2 courses in early Theatre History chosen from Theatre 301, 302, 303, and 307;

*Sabbatical Leave, Spring Semester 1998
one course in modern Theatre History (either 304 or 306); and a total of 3 hours singly or in combination from Advanced Practicum (Theatre 380), Independent Studies (Theatre 490), and Seminar (Theatre 495).

2. Additional courses which the student will, in consultation with a departmental academic advisor, propose for completion of his or her major contract. This proposed course of studies 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, performance, and theatre history and criticism. 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 student handbook for majors and prospective majors is available in the department office. Majors are expected to be familiar with information provided in this handbook.

COURSES FULFILLING COLLEGE CORE REQUIREMENTS:
Performing and Fine Arts: second unit — Any course work totaling three hours.
Senior Seminar: IDS 400.

MINOR: A minor consists of a minimum of 20 hours, including Theatre 161, 210, 211, 243, one course in early theatre history (Theatre 301, 302, 303, or 307), one course in modern theatre history (Theatre 304 or 306), and two credits in one or more of the following: Theater 380, 490, or 495. The theatre majors handbook, available in the department office, contains further information on the theatre minor.

I. General

101. Introduction to the Theatre — Intended for the non-major. Appreciation of the theatre and its role in contemporary life. Consideration of theory, playwriting, acting and directing, and technical areas, primarily from the audience point of view. Course includes laboratory experience, and attendance will be required at stage productions and/or film screenings outside of class. Course may not be taken for
credit if student has previously completed Theatre 105. May be taken to fulfill introductory course unit of College Performing and Fine Arts requirement.

Three Hours Staff Fall Semester

389. GLCA Arts Program — The Great Lakes Colleges Association 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 apprenticeship. Approval by the department is required prior to the student’s 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 Hours (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, assistant 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.

Three Hours Bombe Fall Semester

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. Offered alternate years, 1998-99.

Three Hours Tammi

161. Acting I: Character in Relationship — An introduction to ensemble playing. Recommended that intended performance-emphasis majors enroll in the freshman year.

Three Hours Bahle Fall Semester

162. Acting II: Basic Skills — 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.

Three Hours Bahle 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 theatre sound. 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.

Three Hours Smith 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, and lighting equipment and documentation. 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.

Three Hours Bombe, Landes Spring Semester

215. Makeup Design and Techniques — Study of the principles of makeup and hair fashion for the stage. Training in skills and techniques needed for understanding the design and application of straight, character, and fantasy makeup. Emphasis
will be on facial anatomy, physiognomy, corrective makeup, skin textures, materials, modeling, analysis, special structures, ventilation of hairpieces.

Three Hours Staff 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, 1998-99.

Three Hours Smith

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, 1998-99.

Three Hours 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, 1997-98.

Three Hours Bombe

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. Course offered jointly with the Department of English. Offered alternate years, 1997-98.

Four Hours Tammi Fall Semester

261. Acting III: Voice and Movement — An integrated study of vocal production and body movement in relation to the actor’s craft. Exercises designed to promote relaxation, natural breathing, correct alignment, organic vocal production, and coordinated physical action will be explored. Recommended that intended performance-emphasis majors enroll in the sophomore year. Prerequisites: Theatre 161 and 162, or permission of the instructor.

Three Hours Tammi Fall Semester

262. Acting IV: Voice and Movement — A continuation of Theatre 261, emphasizing organic connection to images, and solutions to special challenges in both voice and movement. Topics include muscularity in articulation, patterning, melody, phrasing, and rudimentary unarmed theatrical combat. Prerequisites: Theatre 161, 162, 261, or permission of the instructor.

Three Hours Robins Spring Semester

280. Theatre Laboratory — Practical experience in theatrical production, through involvement as an actor or 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. Enrollment requires permission of the instructor.

One or Two Hours 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. Enrollment requires permission of the instructor. (Laboratory fee in some instances.)

331. Stage Direction I — A basic course in the rudiments of the director's art and responsibility in theatrical production. Practice in the principles of composition, picturization, and dramatic tempo. Consideration of the problems in proscenium, central, and open staging. Prerequisites: Theatre 161 or equivalent, and Theatre 210 and 211, or permission of the department. Three Hours 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. Three Hours Tammi Spring Semester

361. Acting V: Styles — Extensive scene work focusing on organic imaging, stylistic approaches to text, and rehearsal processes. Studies include Stanislavski and Chekhov, Commedia and Moliere, Shakespeare, musical theatre and Broadway composer/lyricist teams. Prerequisites: Theatre 161, 162, 261, 262, or permission of the instructor. Three Hours Bahle Fall Semester

362. Acting VI: Scene Analysis — A continuation of Theatre 361, with continued emphasis on script analysis, stylistic approaches, ensemble performance, and imaging. Prerequisites: Theatre 161, 162, 261, 262, 361. Three Hours Robins Spring Semester

380. Advanced Theatre Practicum — Specialized study of a particular production aspect of the 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 course work in the particular area. Prerequisite: application to the department. One or Two Hours 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 hours (i.e., two summer sessions). Prerequisites: acceptance into the summer theatre company, and permission of the instructors. Three Hours 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 and 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 Hours Staff Both Semesters

III. History and Theory

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. May be taken to fulfill introductory course unit of College Performing and Fine Arts requirement.

Three Hours Smith Fall and Spring Semesters and May Term

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.

Three Hours Staff Spring Semester

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 Hours


Three Hours Robins Fall Semester

302. Western Theatre From the Middle Ages to the 17th Century — A survey of the theatre of medieval Europe, Renaissance Italy and France, Golden Age Spain, Elizabethan England, and Baroque France. Not recommended for freshmen. Offered alternate years, 1997-98.

Three Hours Robins Spring Semester

303. Western Theatre From the 18th Century to the Modern Period — A survey of Western theatre in the 18th, 19th and early 20th Centuries, from the English Restoration (latter 17th Century) and the end of neo-classicism, through German romanticism, to the culmination of realism in Shaw and his contemporaries. Emphasis will be placed on such founders of modern stage practice as Ibsen, Strindberg, Chekhov, Stanislavski, Appia, and Craig. Not recommended for freshmen. Offered alternate years, 1998-99.

Three Hours Fall Semester

304. Contemporary Western Theatre — A study of contemporary movements in the theatre, including the variants of modern realism and naturalism, the epic theatre of Piscator and Brecht, the theatre of the absurd, and the theatres of participation, confrontation, protest, and ritual. Not recommended for freshmen. Offered alternate years, 1998-99.

Three Hours 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.

Three Hours Tammi Spring Semester

307. Asian Theatre — A survey of the theatre in India, Southeast Asia, China, and Japan. Concentration will be on the classical and traditional performing arts, but with some attention to contemporary forms and recent developments in internationalization of theatre.

Three Hours Staff

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, Moscow Art Theatre, and modern directing theories and practices from Artaud to the present. Prerequisite: permission of the instructor.

Two or Three Hours

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. Enrollment requires permission of the instructor.

Two or Three Hours Staff Both Semesters
Hope College prepares students to become informed members of the global community. This process includes understanding and valuing the achievements of women in society. The women’s studies minor serves this purpose.

The women’s studies minor consists of six courses, totaling eighteen hours. All students take WS 200 - Introduction to Women’s Studies. Four courses should be selected, one from each of four core areas A through D: Institutions and Society, Literature and the Arts, Psychological and Human Development, and Ideology and Culture. One of the courses must have multicultural content. (See * Courses) The final course should be an independent study numbered WS 490 or WS 496. Additional resources include study in off-campus women’s studies programs and internships such as those the Philadelphia Center offers.

The courses below are described in the catalog under the discipline to which they refer. Often other courses may be offered that fulfill the minor. Check the class schedule under Women’s Studies or contact Jane Dickie. To declare the minor, see director, Professor Jane Dickie.

<table>
<thead>
<tr>
<th>A. Institutions and Society</th>
<th>B. Literature and the Arts</th>
<th>C. Psychological and Human Development</th>
<th>D. Ideas and Culture</th>
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</thead>
<tbody>
<tr>
<td>History 285 or WS 285. Women in Antiquity</td>
<td>Art 295 or WS 295. Women, Art &amp; Society</td>
<td>Psychology 380 or WS 380. Psychology of Women</td>
<td>Classics, French, German, Spanish 480, English 495</td>
</tr>
<tr>
<td>IDS 404, Psychology 281 or WS 281. Encounter with Power of Poor in Mexico</td>
<td>English 375 or WS 395. American Women Authors</td>
<td>Psychology 295 or WS 295. Human Sexuality</td>
<td>or WS 480. Introduction to Literary Theory</td>
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<tr>
<td>Political Science 295 or WS 295. Women and Political Thought</td>
<td>*English 375 or WS 395. 20th Century African Literature</td>
<td>Philosophy 295 or WS 295. Knowledge &amp; Knowers</td>
<td>*IDS 295 or WS 295. Encounter with Culture</td>
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<tr>
<td>Political Science 494 or WS 395, 495 Seminar. Gender Issues</td>
<td>*English 331 or WS 395. African-American Literature</td>
<td>*Political Science 295 or WS 295. Comparative Feminisms</td>
<td>Philosophy 295 or WS 295. Knowledge &amp; Knowers</td>
</tr>
<tr>
<td>Political Science 340 or WS 395. Women and the Law</td>
<td>*English 375 or WS 395. Ethnic American Literature</td>
<td>Religion 236 or WS 236. Christian Feminism</td>
<td>*Political Science 295 or WS 295. Comparative Feminisms</td>
</tr>
<tr>
<td>Sociology 268 or WS 268. Sociology of Gender</td>
<td>*English 375 or WS 395. Cultures in Literature</td>
<td>IDS 431 or WS 331. Female, Male, Human</td>
<td>Philosophy 295 or WS 295. Knowledge &amp; Knowers</td>
</tr>
</tbody>
</table>

*Leave of Absence, Academic Year 1997-98
**Leave of Absence, 1997-1999
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 power). Participants will be encouraged to examine their own lives and empowered to teach and learn from one another.

Three Hours Dickie Fall Semester

Independent Projects

WS 490. Independent Projects
An in-depth, independent study of women, women’s issues or other topics analyzed from a feminist perspective.

WS 396 or WS 495. Advanced Studies
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 Program, the Washington Semester, the Chicago Semester, or a placement approved by the Director of Women’s Studies.
SPECIAL ACADEMIC PROGRAMS

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 the college’s membership in a number of consortia, including the Great Lakes Colleges Association (GLCA), which cooperates with the Associated Colleges of the Midwest (ACM) to sponsor additional programs, and for other overseas programs, the Institute of European Studies (IES), the Institute of Asian Studies (IAS), and the Council on International Education Exchange (CIEE). Semester and year-long opportunities for off-campus study are available in virtually every part of the globe. May and June terms and summer school programs 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 on the rolls of 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 below and on the following pages are currently included in the first category of official 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.
SPECIAL ACADEMIC PROGRAMS

SEMESTER AND YEAR PROGRAMS

The affiliation between Hope College and the Institute of European Studies (IES) provides for preferred enrollment of qualified Hope College students in universities and study centers which the Institute maintains in Austria, France, Germany, Italy, Spain, Russia, and the United Kingdom. Through affiliation with the Institute of Asian Studies (IAS) qualified students can study at centers and universities in Australia, Japan, the People’s Republic of China, Singapore, and Taiwan. Membership in the Great Lakes Colleges Association (GLCA) and cooperation with the Associated Colleges of the Midwest (ACM) make available to Hope College students another set of overseas study programs in Africa, Asia and Europe. Membership in the Council on International Educational Exchange (CIEE) adds to the college’s broad range of options with overseas programs in such diverse locations as Chile, the Dominican Republic, Indonesia and Vietnam, and cooperation with Central College and Dordt College adds programs in the Netherlands.

STUDY ABROAD PROGRAMS

AFRICA

Dakar, Senegal (GLCA at the Universite Cheikh Anta Diop-Dakar)
- courses in social sciences, humanities
- full integration into the university
- instruction in French
- juniors and seniors are eligible
- two years of college-level French or equivalent required
- housing in college-rented apartments
- year program

Legon, Ghana (CIEE at the University of Ghana)
- full range of university courses, including Twi language
- full integration into the university
- housing in college dormitories
- semester or year program

Nairobi, Kenya (GLCA at the University of Nairobi)
- courses in liberal arts
- full integration into the university
- housing in YMCA or YWCA
- year program

Harare, Zimbabwe (ACM)
- study of language and the process of nation-building
- students design and complete an independent field project of choice
- instruction in English
- housing in dormitories and with host families
- spring semester program

ASIA

Hong Kong (GLCA at the Chinese University of Hong Kong)
- courses in Chinese language and area studies
- partial integration into the university
- instruction in English
- juniors and seniors with minimum 3.0 GPA are eligible
- housing in university dormitories
- year program
**SPECIAL ACADEMIC PROGRAMS**

**Beijing, China (IAS)**
- intensive Mandarin Chinese language study and area studies
- instruction in English
- one year college-level Mandarin Chinese required
- housing in university residence halls
- semester and full year options

**Nanjing, China (GLCA at Nanjing University)**
- courses in Chinese language (Mandarin) and area studies
- partial integration into the university
- instruction in English
- housing in university dormitories
- fall or spring semester program

**Pune, India (GLCA)**
- courses in Indian language and culture
- instruction in English
- housing in Indian homes
- year program

**Malang, Java, Indonesia (CIEE)**
- courses in Indonesian language, humanities, performing and fine arts
- instruction in English
- students with minimum GPA 2.75 and one course completed in Asian studies are eligible
- housing with families
- fall or spring semester program

**Nagoya, Japan (IAS at Nanzan University)**
- courses in Japanese language, arts, humanities, social sciences
- instruction in English
- one year of Japanese required (for spring semester only)
- housing in Japanese homes, dormitories or apartments
- fall or spring semester program

**Tokyo, Japan (IAS at Sophia University)**
- courses in Japanese language and a variety of university courses; over 100 classes taught in English
- field trips in Japan and China
- instruction in English
- juniors and seniors with a minimum 3.0 GPA are eligible
- housing in residence halls or Japanese homes
- semester or year program

**Tokyo, Japan (Hope College at Meiji Gakuin University)**
- advanced Japanese language study
- full integration into the university
- instruction in English and Japanese
- tuition scholarship available
- sophomores and juniors with good Japanese language ability are encouraged to apply
- housing in apartments
- semester or year program
SPECIAL ACADEMIC PROGRAMS

Tokyo, Japan (GLCA/ACM at Waseda University)
- courses in Japanese language, arts, humanities and social sciences
- full integration into the university
- instruction in English
- students with minimum 3.0 GPA and one semester of Japanese language are eligible
- housing in Japanese homes
- year program

Yokohama, Japan (Hope College at Ferris University)
- full integration into the university
- instruction in Japanese; Japanese language proficiency required
- admission limited to women
- housing with Japanese students
- semester or year program

Singapore (IES at the National University of Singapore and Nanyang Technological University)
- full range of university courses available
- full integration into the university
- instruction in English
- juniors and seniors are eligible
- housing in university dormitories
- year program

Taipei, Taiwan (IAS)
- courses in intensive Mandarin Chinese and humanities
- partial integration into the university
- instruction in Mandarin Chinese and English
- juniors and seniors are eligible
- minimum of one semester college-level Mandarin Chinese or equivalent required
- housing in homes
- semester or year program

Hanoi, Vietnam (CIEE)
- courses in Vietnamese language, culture and history
- partial integration into the university
- instruction in English
- 2.75 GPA and one Asian studies course are required
- housing in guest houses or foreign student dormitories
- fall or spring semester program

AUSTRALIA
Adelaide, Australia (IAS at the University of Adelaide)
- courses in over 60 disciplines available
- full integration into the university
- housing in residential colleges or Australian homes
- semester or year program

Canberra, Australia (IAS at the Australian National University)
- courses in humanities, social sciences, natural sciences and Asian studies
- full integration into the university
- housing in residence halls
- semester or year program
SPECIAL ACADEMIC PROGRAMS

Perth, Australia (CIEE at Murdoch University)
- courses in sciences, humanities, social sciences, fine arts and Asian studies
- full integration into the university
- students with a minimum 2.75 GPA are eligible
- housing in university residences or off-campus apartment
- semester program

EUROPE
Vienna, Austria (IES)
- courses in German language, arts, humanities, social sciences
- housing in Austrian homes
- semester or year program

Olomouc, Czech Republic (GLCA/ACM)
- courses in Czech language, social sciences, humanities and Slavic Studies
- sophomores and juniors are eligible
- instruction in English
- housing in homes or in dormitories
- fall semester program

Durham, England (IES at the University of Durham)
- full range of university courses including natural sciences
- full integration into the university
- housing in university dormitories
- year program

London, England (IES)
- courses in arts, humanities, social sciences
- internship opportunities available
- housing in apartments
- semester or year program

London University and Fine Arts Program (IES)
- classes in humanities and fine arts
- opportunities for study at Queen Mary-Westfield College, The School of Oriental and African Studies, the Slade School of Fine Arts, The Courtauld Institute of Art History, the Royal College of Music, and London Academy of Music and Dramatic Arts
- housing in apartments
- semester or year program

European Community, Freiburg, Germany (IES)
- courses in the economic, political and historic developments of the European Union
- instruction in English
- housing in small dormitory
- semester program

Berlin, Germany (IES)
- courses in German language, humanities, and social sciences
- instruction in German
- minimum of five semesters of college-level German required
- housing in German homes and apartments
- semester or year program
European Urban Term (GLCA)
-multi-disciplinary introduction to the social, political, historical, and economic aspects of selected cities in Germany, Poland, and Great Britain
-independent comparative research project completed during the term
-instruction in English
-housing in various accommodations during the program
-fall semester program

Dijon, France (IES)
-courses in business, economics, French language and culture
-optimal integration into Ecole Superieure de Commerce de Dijon
-minimum of two semesters college-level French or equivalent are required
-housing in French homes or apartments
-fall or spring semester

Nantes, France (IES)
-courses in French language, arts, humanities and social sciences
-optimal integration into l' Universite de Nantes
-instruction in French
-two years of college-level French or equivalent required
-housing in French homes
-semester or year program

Paris, France (IES)
-courses in French language, arts, humanities and social sciences
-optimal integration into l'Universite de Paris IV (Sorbonne), l'Institut d'Etudes Politiques, and l'Institut Catholique
-instruction in French
-two years of college-level French or equivalent required
-housing in French homes
-semester or year program

Paris, France Center for Critical Studies (CIEE)
-courses in literary criticism, cultural theory, history and theory of film, philosophy
-instruction in French
-two years of college-level French for fall; three years for spring
-housing in apartments
-semester or year program

Freiburg, Germany (IES)
-full range of university courses available
-optimal integration into the University of Freiburg
-instruction in German
-two years of college-level German or equivalent required
-housing in university dormitories
-semester or year program

Milan, Italy (IES)
-courses in Italian language, arts, humanities, social sciences
-optimal integration into the Universita Cattolica
-instruction in Italian and English
-housing in university dormitories
-semester or year program
SPECIAL ACADEMIC PROGRAMS

Amsterdam, The Netherlands (Dordt College)
- courses in Dutch language, arts, humanities, social sciences
- instruction in English and Dutch
- juniors and seniors are eligible
- one semester of college-level Dutch or equivalent required
- housing in apartment or with a Dutch family

Leiden, The Netherlands (Central College)
- courses in Dutch language, arts, history, economics
- instruction in English and Dutch
- sophomores, juniors and seniors are eligible
- housing in apartments and homestays
- semester or year program

Moscow, Russia (IES)
- advanced Russian language study and area studies
- opportunities for weekends and holidays with Russian families
- instruction in Russian
- three years of college-level Russian with minimum B+ average required
- housing in university residence halls
- semester or year program

Krasnodar, Russia (GLCA/ACM)
- courses in Russian language, Soviet culture and society
- instruction in Russian and English
- one year of Russian required
- housing in dormitory or hotel
- fall semester program

Aberdeen, Scotland (GLCA at the University of Aberdeen)
- full range of university courses including natural sciences
- full integration in the university
- juniors and seniors are eligible
- housing in university dormitories and apartments
- year program

Madrid, Spain (IES)
- courses in Spanish language, arts, humanities, social sciences
- optional integration into the Universidad Complutense de Madrid
- instruction in Spanish
- two years of college-level Spanish or equivalent required
- housing in Spanish homes
- semester or year program

Salamanca, Spain (IES)
- courses in Spanish language, arts, humanities, social sciences
- optional integration into the Universidad de Salamanca
- instruction in Spanish
- four to five semesters of college-level Spanish or equivalent required
- housing in Spanish homes
- semester or year program

LATIN AMERICA
Santiago, Chile (CIEE)
- full range of courses at two different universities are available
- full integration into the university
SPECIAL ACADEMIC PROGRAMS

- instruction in Spanish
- students with a minimum 2.75 GPA and three years of college-level Spanish are eligible
- housing with Chilean families
- semester or year program

Santiago, Dominican Republic (CIEE)
- courses in Spanish language, Caribbean and Latin American studies
- opportunity for internships within the community
- overall 2.75 GPA is required
- four to five semesters of college-level Spanish required
- housing with families
- semester or year program

San Jose, Costa Rica (ACM)
- independent natural and social science field research project
- sophomores, juniors and seniors eligible
- one year college-level Spanish or equivalent required
- instruction in English and Spanish
- housing in Costa Rican homes
- spring semester program

MIDDLE EAST
Jerusalem (Hope)
- even-handed study of the Palestinian-Israeli conflict and the peace process
- courses in history, politics, sociology and religion as background to Israeli-Palestinian relations
- instruction in English
- housing in hotels
- fall semester program

MAY, JUNE AND SUMMER STUDY ABROAD OPPORTUNITIES

Short-term study abroad programs are available during the three-week May and three-week June terms and the six-week summer session. The three programs listed below are offered annually along with a number of other options that have in the past included courses in Religion (Jerusalem), Art, Education (England), Classics (Greece), Economics (Poland), and Senior Seminar (Mexico). 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.

IDS 280. Contemporary Issues in Japan — A seminar introducing students to Japanese language, culture, and history as well as to major social and economic issues confronting modern Japan. The seminar is organized cooperatively with Meiji Gakuin University in Tokyo. Classroom lectures are supplemented with field trips to relevant business, academic, historical, and social service sites. Housing is in hotels, and includes a home stay with a Japanese family.

Three to six hours of credit are given for this five-week stay during May and June each year. There are no prerequisite courses; however, students applying for this course follow the standard application procedure for overseas courses.

Faculty leaders for this program will be drawn from throughout the disciplines.

Three to Six Hours May-June Term
SPECIAL ACADEMIC PROGRAMS

ECON 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 locations in England.

_Three Hours Heister, Muiderman May Term_

**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.

**OTHER INTERNATIONAL INSTITUTIONAL LINKAGES**

**FERRIS UNIVERSITY**

Since 1989, students from Ferris University spend a study-abroad year at Hope College, and opportunities exist for Hope students with significant Japanese language skills to study at Ferris University in Yokohama, Japan.

**MEIJI GAKUIN UNIVERSITY**

For more than 30 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.

**TECHNOS INTERNATIONAL COLLEGE**

Technos International 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.
SPECIAL ACADEMIC PROGRAMS

DOMESTIC STUDY OPPORTUNITIES

CRITICAL LANGUAGE SUMMER FELLOWSHIPS

Hope’s membership in the Great Lakes Colleges Association (GLCA), and the Consortium for Institutional Collaboration in African and Latin American Studies (CICALS) enable Hope students to apply for fellowships for intensive summer training in critical languages at Michigan State University. Courses at the beginning level vary by year but include Portuguese, Amharic, Shona and Swahili. Fellowships can include summer tuition, fees and a stipend. For further information, contact Professor Neal Sobania.

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 (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 Anne Larsen.

THE ARTS PROGRAM IN NEW YORK

The Great Lakes Colleges Association (GLCA) provides in its New York Arts Semester 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 Stuart Sharp in the department of music.

THE OAK RIDGE SCIENCE SEMESTER

The Great Lakes Colleges Association (GLCA) sponsors this program which 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. The students spend 40 hours per week in research as an assistant to an Oak Ridge scientist, take one senior level course, and participate in an interdisciplinary seminar. The courses and the seminar
are led by GLCA faculty. Each student receives sixteen hours of credit 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 Professors Mike Seymour or Charles Green.

THE PHILADELPHIA CENTER SPONSORED BY THE GLCA

The Philadelphia Center is a liberal arts program designed to promote intellectual and professional development for students while living in the City and learning in an experienced-based as well as a traditional academic context. Students use the City and all its resources as a "classroom for learning." Students take courses in such subject areas as: Architecture, Ethics, Finance, Investment, Management, Marketing, Organizational Cultures, Power and Authority in Texts, Psychology, Social Justice, Urban Political and Social Issues, and Urban Economics. Students identify areas of personal, professional, and academic interest, and, with the help of faculty, select from over 500 available internship sites for a semester placement. The Learning Plan, a document that students design and modify during the semester, provides a structure for integrating work experience with educational, social and professional development goals.

Approximately 75-100 students participate each semester. It is the largest and most comprehensive of the GLCA off-campus opportunities. For more information, please see Jon Huiskens, Registrar, or faculty representatives: Tony Muiderman, Economics and Business Administration Department; Joe MacDoniels, Communication Department.

SEMESTER AT THE CHICAGO METROPOLITAN CENTER

The Chicago Metropolitan Center 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 Metropolitan Center 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 hours of academic credit can be earned through the program. A large number of internships are available to students through the Chicago Metropolitan Center. 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 Metropolitan Center staff members.

The Values and Vocations Seminar fulfills the Hope College Senior Seminar requirement. All other courses are electives and do not fulfill core 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 Professors Robert Elder, Jack Holmes, or James Zoetewey.

THE Scriptorium: Center for Christian Antiquities

The Scriptorium is a non-sectarian research center located in Grand Haven, Michigan, and is based upon the Van Kampen Collection of ancient artifacts, manuscripts, and rare printed material. The collection consists primarily of biblical texts in all representative forms, and also includes one of the largest cuneiform and papyri holdings in the United States, as well as numerous manuscripts and incunabula. The Scriptorium offers courses at its Grand Haven facility, in England at Hampton Court Herefordshire, and at St. Bishop Monastery in Wadi Natrun, Egypt. Hope College is a charter affiliate institution and grants credit for the courses offered by The Scriptorium at all of its facilities.

Course descriptions are available from The Scriptorium, 926 Robbins Road, Suite 183, Grand Haven, Michigan 49417. Tuition, course fees, and residential costs are all payable to Hope College which, in turn, will compensate The Scriptorium.

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 core 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 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 PRESIDENTIAL SCHOLARS PROGRAM

The Presidential Scholars Program was established to give academically gifted students who also demonstrate strong leadership potential an opportunity to broaden their educational program while at Hope College.

The students are invited into this program at the beginning of their freshman year. To continue to be designated as a Presidential Scholar, a student must maintain high scholastic standing.

Presidential Scholars are invited to special sessions with faculty and distinguished campus guests. This program is under the direction of the President of the college.

UPWARD BOUND PROGRAM

Upward Bound is an educational program designed to assist 75 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 9-11. 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 can be admitted to this program each year.

2. Academic Year Session
   During the school year, students in grades 9-12 attend afternoon tutorials twice a week, two and one-half hours each afternoon, for help in their current academic classes. Saturday 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.
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 Metropolitan 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 295-297 of the Catalog and contact the on-campus representatives for these programs.

Sander de Haan
Dale Austin
Jack Holmes
Anthony Muiderman
Joseph MacDoniels
Jon Huisken
Mike Seymour
Charles Green
Stuart Sharp

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 credit hours. Generally a three credit hour 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 credit hours earned through internships can be counted toward a Hope degree; students earning a teaching certificate may count up to ten hours.
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

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<td>Biology</td>
<td>Mr. Barney</td>
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<td>Business and Economics</td>
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<td>Chemistry (Industrial and Research)</td>
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<td>Christian Ministry</td>
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<td>Dance</td>
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<td>Diplomatic and Government Service</td>
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<td>Engineering</td>
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<td>Geology</td>
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<td>Journalism</td>
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<td>Law</td>
<td>Mr. Zoetewey, Mr. Curry, Mr. Ryden, Ms. Gibbs</td>
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<tr>
<td>Library and Information Sciences</td>
<td>Ms. Conway</td>
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<td>Medical Technology</td>
<td>Mr. Gerbens</td>
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<td>Medicine</td>
<td>Mr. Boyer, Mr. Gentile, Mr. Mungall, Mr. Cronkite, Mr. Gerbens</td>
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<td>Music</td>
<td>Mr. Ball</td>
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<td>Nursing</td>
<td>Ms. Sietsema</td>
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<td>Optometry</td>
<td>Mr. Gerbens</td>
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<td>Pharmacy</td>
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<td>Physical Therapy</td>
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<td>Physics</td>
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<td>Religion</td>
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<td>Teaching</td>
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<td>Elementary School</td>
<td>Ms. Wessman</td>
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<tr>
<td>Secondary School</td>
<td>Ms. Wessman</td>
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<tr>
<td>College</td>
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<td>Theatre</td>
<td>Ms. Robins</td>
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<tr>
<td>Veterinary Medicine</td>
<td>Mr. Gerbens</td>
</tr>
<tr>
<td>Writing, Editing</td>
<td>Mr. Schakel</td>
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</tbody>
</table>

### Christian Ministry and Church Vocation

Students with an interest in Christian ministry and church vocations should consult the religion major program described on pages 265-266. 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.
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 99, or the special program in foreign area studies in the Department of Political Science, page 254.

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 pages 296-297). 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 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.

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 224-227.

**Social Work**

Hope offers a major in social work that is accredited by the Council on Social Work Education and is described on pages 273-276. 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.

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.

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.

MICHIGAN SCHOLARS IN COLLEGE TEACHING PROGRAM

Hope College is a participant with four other Michigan liberal arts colleges and the University of Michigan in a cooperative program to provide counsel, guidance, and special curricular and extracurricular opportunities to academically talented students who are interested in college teaching as a profession. In the junior year, such students are advised to follow the special course sequences recommended by their major department, and to continue in mastery of one or more foreign languages.

In several areas cooperative course planning between Hope College and the University of Michigan or the University of Chicago leads to special consideration for graduate study at these universities and preference in scholarship awards.

HEALTH PROFESSIONS, SCIENCE, ENGINEERING

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, in engineering, or in a variety of health professions.

Engineering

In addition to the normal courses recommended for admission to Hope, a student interested in engineering should have completed the following high school courses: at least three years of mathematics through trigonometry and one year each of physics and chemistry.

Hope College offers a Bachelor of Science in Engineering Physics which prepares students for direct entry into graduate programs in engineering. After graduation from Hope College, good students can usually earn a Master of Science in Engineering at a university in one and one half years. See engineering at Hope College under the catalog listing of the Department of Physics and Engineering for a more complete description of the degree program.

Several programs are available which combine study at Hope with study at a traditional engineering school. For example a 3-2 or dual-baccalaureate engineering program has been arranged with Case-Western Reserve University, Columbia University, the University of Michigan, Rensselaer Polytechnic Institute, the University of Southern California, and Washington University (St. Louis). Satisfaction of the general education requirements at Hope College, three years of undergraduate work at Hope College, and completion of approximately two years at one of the six engineering schools qualifies students for a Bachelor of Science degree from Hope College and a Bachelor of Engineering degree from the engineering school. Students anticipating participation in the 3-2 program should consult with the engineering advisor (Dr. van Putten) in their second year. Application to the engineering school should be made during the fall semester of a student's junior year. It is the responsibility of the student to confirm the transferability of credit and the exact course of study which will be required by the engineering school.

The combination of degrees in the liberal arts and in engineering provides a broad, yet thorough, foundation for future career development. A variety of programs can be tailored to meet individual student interests. Complete details regarding these programs are available from Dr. van Putten. It is important to arrange the Hope component of these programs early.

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 150, and 240 or 260 (both are recommended); 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.
Pre-Professional Programs

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 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. Dan Gerbens, as soon as possible after arriving at Hope.

Veterinary Medicine and Optometry

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 Veterinary College Admission Test (VCAT) or the MCAT. Some also accept the general Graduate Record Exam (GRE). 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. Dan Gerbens, as soon as possible after arriving at Hope.

Physical Therapy

The pre-professional requirements for application to physical therapy programs vary widely. Some programs require completion of a bachelor’s degree; others admit students following two or three years of undergraduate work. Nearly all physical therapy programs award a master's degree. Depending upon the particular program, earning a bachelor’s degree and a master’s degree in physical therapy may require up to seven years of education. Students are advised to select a major course of study regardless of whether they intend to complete a bachelor's degree at Hope College or apply to physical therapy programs following their second or third year.

Since requirements for physical therapy programs are not uniform, student's schedules should include Chemistry 111/113 and 121/114, 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 130 and 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 two or three years at Hope College have very little flexibility in their schedules. They should consult the Health Professions Advisor, Mr. Dan Gerbens, as soon as possible regarding specific program requirements.

Pharmacy

Students interested in careers in pharmacy usually complete a two year pre-pharmacy program, followed by three years of professional study leading to a Bachelor of Science in pharmacy. Some programs may require a single year of pre-professional study. Following completion of the bachelor’s program, students
may elect to continue into a Master or Doctor of Pharmacy program. Applications to pharmacy programs must be completed during the third semester of the pre-pharmacy program.

Pre-pharmacy requirements include Biology 150, 221, 222, and 240; 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. Dan Gerbens, as soon as possible regarding specific program requirements.

Medical Technology

Medical technology students may major in biology or chemistry and must complete at least 90 semester hours of college credit. A minimum of 16 semester hours of chemistry, 16 semester hours of biology, (including microbiology, Biology 231), 6 hours of physics, and 3 hours of mathematics must be included.

Hope College, in cooperation with nearby hospitals, has a four-year degree program which leads to the A.B. degree. During the first three years, the student completes all of the core and departmental major requirements at the college. If accepted to an affiliated school of medical technology, students will spend 12 months in residence at the hospital in an accredited med-tech program. Upon successful completion of both segments, students who are granted the A.B. degree by the college are eligible to take the certifying examination offered by the Board of Registry of the American Society for Clinical Pathologists, the National Certification Agency for Medical Laboratory Personnel and/or other appropriate certifying examinations. Students interested in medical technology should contact Mr. Gerbens for further details on the program.

Hope College has an agreement of affiliation for the training of medical technologists with Blodgett and Butterworth Hospitals in Grand Rapids, Michigan, and Saint Mary's Hospital in Saginaw, Michigan.

A student who wishes to take the fourth year at an accredited, non-affiliated hospital may do so if permission is granted in advance by the dean for the natural sciences and the admission committee of the hospital.

Environmental Health Science

Students with an interest in the health sciences may also wish to acquire a traditional major in biology, chemistry, or physics along with a nucleus of courses dealing with environmental health problems. Such a program qualifies students to pursue employment or advanced degrees in fields dealing with environmental health concerns (e.g., toxicology and mutagenicity, chemical contamination, industrial hygiene, sewage treatment and nuclear power operations). Courses in environmental health science introduce the student to basic principles of toxicology and environmental chemistry and provide training which qualifies students to obtain employment in fields for which the demand is rapidly expanding due to new regulations limiting environmental contaminants. An early start with basic science and mathematics courses allows the student to gain research and/or internship experience at the junior/senior level. Several staff members have active, on-going research efforts related to environmental health situations, and internships with various industrial firms are possible. For specific details regarding these programs, students are encouraged to contact Dr. James Gentile early in their undergraduate program.
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B.S., Western Michigan University, 1976;
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SAMUEL RUSSELL FLOYD, III — Associate Professor of Music (1984)
B.Mus., Furman University, 1976;
M.Mus., Southern Baptist Theological Seminary, 1979;
Ph.D., Michigan State University, 1988

LEE FORESTER — Assistant 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

BRUCE A. FREEBERG — Assistant Professor of Philosophy (1996)
B.A., Colby College, 1982;
M.A.T.S., Gordon-Conwell Theological Seminary, 1985;
Ph.D., Emory University, 1996

STUART W. FRITZ — Assistant Professor of Kinesiology (1993)
B.A., Wartburg College, 1988;
M.A., University of Northern Colorado, 1992

ROBERT GENTENAAR — Associate Professor of Economics (1977)
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

JAMES M. GENTILE — Dean for the Natural Sciences and The Kenneth G.
Herrick Professor of Biology (1976)
B.A., St. Mary’s College, 1968;
M.S., Illinois State University, 1970;
Ph.D., Illinois State University, 1974

TAMARA BLOOM GEORGE — Associate Professor of Nursing (1992)
B.S.N., The Ohio State University, 1962;
M.S.N., Wayne State University, 1979

DAN A. GERBENS — Assistant Professor of Biology; Health Professions
Advisor and Administrative Coordinator for Chemical and Radiation Safety and
Animal Welfare (1993)
B.S., Calvin College, 1973;
M.A., Western Michigan University, 1980;
Ed.D., Western Michigan University, 1996

JANIS M. GIBBS — Assistant Professor of History (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
C. KENDRICK GIBSON — Professor of Business Administration (1986)
B.S., Louisiana State University, 1964;
M.B.A., Louisiana State University, 1969;
Ph.D., University of Arkansas, 1978

PETER L. GONTHIER — Associate Professor of Physics (1983)
B.A., Texas A & M, 1975;
Ph.D., Texas A & M, 1980

BETHANY A. GORDON — Assistant Professor of Nursing (1983)
B.S.N., Michigan State University, 1966;
M.S.N., Wayne State University, 1967

MARY LINDA GRAHAM — Associate Professor of Dance (1983)
B.F.A., University of Illinois, 1979;
M.F.A., University of Illinois, 1982

CHARLES W. GREEN — Associate Professor of Psychology, Co-Coordinator of General Education, and Director of the Carl Frost Center for Social Science Research (1983)
B.S., Trevecca College, 1978;
M.A., University of Florida, 1980;
Ph.D., University of Florida, 1983

CURTIS GRUENLER — Assistant Professor of English (1997)
B.A., Stanford University, 1985;
Ph.D., University of California, Los Angeles, 1997

DAVID W. HAHN — Visiting Assistant Professor of Mathematics (1996)
B.S., University of Akron, 1988;
M.S., University of Akron, 1991;
Ph.D., Colorado State University, 1996

BRIGITTE HAMON-PORTER — Assistant 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

EDWARD C. HANSEN — Associate Professor of Geology and Environmental Science, Chairperson of the Department, and Coordinator of General Education Mathematics and Science (1984)
B.S., University of Cincinnati, 1978;
Ph.D., University of Chicago, 1983

JAMES B. HEISLER — Professor of Economics and Chairperson of the Department (1981)
B.A., Drew University, 1965;
M.A., State University of New York at Albany, 1966;
Ph.D., University of Nebraska, 1975

STEPHEN I. HEMENWAY — Professor of English (1972)
A.B., College of the Holy Cross, 1964;
M.A., Boston College, 1967;
Ph.D., University of Illinois, 1972

LYNNE HENDRIX, C.P.A. — Associate Professor of Business Administration (1984)
B.A., Eastern Michigan University, 1978;
M.B.A., Grand Valley State University, 1985
THE FACULTY

JAMES A. HERRICK — Professor of Communication and Chairperson of the Department (1984)
B.A., California State University, 1976;
M.A., University of California, 1978;
Ph.D., University of Wisconsin-Madison, 1986
(Sabbatical leave fall semester 1997)

JUDY HILLMAN — The Howard R. and Margaret E. Sluyter Assistant Professor of Art and Design (1989)
B.S., Western Michigan University, 1967

B.A., Knox College, 1963;
M.A., University of Denver, 1967;
Ph.D., University of Denver, 1972

YOOYEUN HWANG — Assistant Professor of Education (1996)
B.S., Sacred Heart College for Women, Seoul, South Korea, 1983;
M.A., University of California, Santa Barbara, 1990;
Ph.D., University of Wisconsin-Madison, 1996

STEVEN IANNACOME — Assistant Professor of Dance (1990)
B.A., Newark State College

ANNE E. IRWIN — Associate Professor of Kinesiology, Athletic Director for Women and Director of Intramural Sports (1976)
B.S., University of Michigan, 1960;
M.A., Michigan State University, 1970;
Ph.D., Michigan State University, 1975

KELLY JACOBSMA — Librarian with rank of Associate Professor and Head of Public Services (1988)
B.A., Northern Michigan University, 1979;
M.L.S., School of Library Science, University of Michigan, 1982
(Sabbatical leave spring semester 1998)

JOHN H. JACOBSON, JR. — President and Professor of Philosophy (1987)
B.A., Swarthmore College, 1954;
M.A., Yale University, 1956;
Ph.D., Yale University, 1957;
Litt.D., Hope College, 1987

LYNN M. JAPINGA — Assistant Professor of Religion (1992)
B.A., Hope College, 1981;
M. Div., Princeton Theological Seminary, 1984;
Ph.D., Union Theological Seminary, 1992

WILLIAM H. JAPINGA — Associate Professor of Business Administration (1981)
B.A., Kalamazoo College, 1960;
M.B.A., Northwestern University, 1962

LORNA HERNANDEZ JARVIS — Assistant Professor of Psychology (1993)
B.A., University of Akron, 1988;
M.A., Kent State University, 1990;
Ph.D., Kent State University, 1993

DAVID P. JENSEN — Director of Libraries (1984)
B.A., Greensboro College, 1965;
MSLS, University of North Carolina, 1968

MICHAEL J. JIPPING — Associate Professor of Computer Science (1987)
B.S., Calvin College, 1981;
M.S., University of Iowa, 1984;
Ph.D., University of Iowa, 1986
LOYD CARL JOHNSON — Visiting Assistant Professor of Spanish (1997)
B.A., Auburn University, 1980;
M.H.S., Auburn University, 1983;
ABD, University of Kansas

DEIRDRE D. JOHNSTON — Assistant Professor of Communication (1994)
B.A., Drake University, 1983;
M.A., University of Texas, 1985;
Ph.D., University of Iowa, 1988

PETER L. JOLIVETTE — Professor of Physics (1976)
B.S., University of Wisconsin, 1963;
M.S., Purdue University, 1965;
Ph.D., University of Wisconsin, 1971

JAMES C. KENNEDY — Research Fellow of the A.C. Van Raalte Institute for Historical Studies and Assistant Professor of History (1997)
B.S., Georgetown University, 1986;
M.A., Calvin College, 1988;
Ph.D., University of Iowa, 1995

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

ROBIN K. KLAY — Professor of Economics and Business Administration (1979)
B.A., Whitman College, 1968;
Ph.D., Princeton University, 1973
(Meiji Gakuin University Exchange Professor, fall semester 1997)

ALAN H. KOCHEL — Visiting Assistant Professor of Mathematics (1997)
B.A., University of Vermont, 1989;
M.A., State University of New York at Albany, 1991;
Ph.D., State University of New York at Albany, 1995

GEORGE KRAFT — Professor of Kinesiology and Chairperson of the Department (1967)
B.A., Wheaton College, 1962;
M.S., Indiana University, 1965;
P.E.D., Indiana University, 1971
(Sabbatical leave fall semester 1997)

M. DEAN KREPS — Assistant Professor of Kinesiology (1986)
B.A., Monmouth College, Illinois, 1984;
M.S., University of Illinois, 1986

JOHN KRUPCZAK, JR. — Assistant Professor of Engineering (1994)
B.A., Williams College, 1980;
M.S., University of Massachusetts, 1986;
Ph.D., University of Massachusetts, 1994

GERALDINE KRUSE — Visiting Assistant Professor of Accounting (1997)
B.A., Duke University, 1962;
M.B.A., University of Michigan, 1963

PERRY LANDRES — Associate Professor of Theatre, Resident Sound and Lighting Designer, and Technical Director for the Performing Arts (1987)
B.A., Whitworth College, 1981;
M.F.A., University of Montana, 1987
ANNE R. LARSEN — Professor of French (1984)
A.B., Hope College, 1970;
M.A., Columbia University, 1971;
Ph.D., Columbia University, 1975
(Sabbatical leave academic year 1997-1998)

PATRICIA BUFFETT LEIGH — Assistant Professor of Nursing (1997)
B.A., Northwest Nazarene College, 1966;
B.S.N., University of Michigan, 1978;
M.S., University of Michigan, 1984

HUW R. LEWIS — Associate 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

MIN-KEN LIAO — Assistant Professor of Biology (1996)
B.S., National Taiwan University, 1986;
M.S., University of Illinois at Urbana-Champaign, 1989;
Ph.D., University of Illinois at Urbana-Champaign, 1993

THOMAS E. LUDWIG — 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 and Chairperson of the Department (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

JOSEPH W. MAC DONIELS — Professor of Communication (1972)
B.A., Culver-Stockton College, 1963;
M.S., George Williams College, 1965;
Ph.D., University of Kansas, 1972

CATHERINE M. MADER — Assistant Professor of Physics (1993)
B.Sc., Colorado School of Mines, 1987;
M.Sc., Colorado School of Mines, 1989;
Ph.D., Michigan State University, 1993

CAROL A. MAHSUN — Associate Professor of Art History (1989)
B.A., University of Wisconsin-Milwaukee, 1961;
M.A., University of Chicago, 1977;
Ph.D., University of Chicago, 1981

HERBERT L. MARTIN — Associate Professor of Business Administration (1982)
B.S., John Brown University, 1975;
M.S., University of Arkansas, 1977

WILLIAM R. MAYER — Professor of Art and Chairperson of the Department (1978)
B.F.A., University of Minnesota, 1976;
M.F.A., Pennsylvania State University, 1978
THE FACULTY

BRUCE MCCOMBS — Professor of Art (1969)
  B.F.A., Printmaking, Cleveland Institute of Art, 1966;
  M.F.A., Printmaking, Tulane University, 1968
  (Sabbatical leave fall semester 1997)

VIRGINIA M. MC DONOUGH — Assistant Professor of Biology (1995)
  B.S., Cook College, 1983;
  Ph.D., Rutgers University, 1992

CATHLEEN E. MC GREAL — Visiting Associate Professor of Psychology (1996)
  B.A., California State University, 1975;
  M.A., California State University, 1976;
  Ph.D., Michigan State University, 1984

RICHARD J. MEZESKE — Assistant Professor of Education (1992)
  B.A., Hope College, 1969;
  M.A., Michigan State University, 1978

DELBERT L. MICHEL — Professor of Art (1964)
  B.A., De Pauw University, 1961;
  M.F.A., State University of Iowa, 1964

NANCY SONNEVELDT MILLER — Dean for the Social Sciences and
  Professor of Education (1968)
  A.B., Hope College, 1962;
  M.A., University of Michigan, 1965;
  Ph.D., Michigan State University, 1968

SUSAN MLYNARCYK — Assistant Professor of Nursing (1982; 1991)
  B.S.N., Wayne State University, 1977;
  M.S.N., University of Wisconsin, 1979

JAMES P. MOTIFF — Professor of Psychology (1969)
  B.S., St. Norbert College, 1965;
  M.S., University of South Dakota, 1967;
  Ph.D., University of South Dakota, 1969

JUDITH A. MOTIFF — Professor of French (1969)
  B.A., Purdue University, 1962;
  M.A., University of Illinois, 1964;
  Ph.D., Michigan State University, 1987

ANTHONY B. MUIDERMAN — Professor of Business Administration (1977)
  B.S., Calvin College, 1950;
  B.S.E., University of Michigan, 1960;
  M.B.A., Grand Valley State Colleges, 1977

DIANE J. MULRONEY — Assistant Professor of Spanish (1996)
  B.A., Northwestern University, 1988;
  M.A., University of Wisconsin-Madison, 1990;
  Ph.D., University of Wisconsin-Madison, 1996

WILLIAM S. MUNGALL — The Elmer E. Hartgerink Professor of Chemistry
  (1971)
  B.A., State University of New York at Buffalo, 1967;
  Ph.D., Northwestern University, 1970

PHILLIP B. MUNOA III — Associate 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
THE FACULTY

K. GREGORY MURRAY — Associate 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

DAVID G. MYERS — The John Dirk Werkman 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

ROGER J. NEMETH — Professor of Sociology (1983)
B.A., Western Michigan University, 1978;
M.A., University of North Carolina, 1981;
Ph.D., University of North Carolina, 1986

DAVID H. NETZLY — Associate Professor of Biology (1987)
A.B., Miami University, 1976;
Ph.D., Miami University, 1983

NANCY A. NICODEMUS — Professor of English (1966)
B.A., Western Michigan University, 1957;
M.A., University of Wyoming, 1959

THEODORE L. NIELSEN — The Guy VanderJagt Professor of Communication and Acting Chairperson of the Department (fall semester 1997) (1975)
B.A., University of Iowa, 1955;
M.A., University of Michigan, 1958;
Ph.D., University of Wisconsin, 1971

MARK E. NORTHUIS — Assistant Professor of Kinesiology (1988)
A.B., Hope College, 1982;
M.A., University of Michigan, 1984

JACOB E. NYENHUIS — Provost and Professor of Classics (1975)
A.B., Calvin College, 1956;
A.M., Stanford University, 1961;
Ph.D., Stanford University, 1963

DAVID J. O'BRIEN — Librarian with rank of Assistant Professor (1991)
B.S., Pennsylvania State University, 1982;
M. Ed., University of Georgia, 1989;
M.S., University of Illinois at Urbana-Champaign, 1991

MAUREEN ODLAND — Assistant 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

KELLY T. OSBORNE — Associate Professor of Classics (1988)
B.A., University of Washington, 1974;
M.Div., Talbot Theological Seminary, 1978;
Th.M., Talbot Theological Seminary, 1979;
M.A., University of Washington, 1984;
Ph.D., University of Washington, 1990

JOHN PATNOTT — Associate Professor of Kinesiology (1978)
B.A., California State University, 1969;
M.A., California State University, 1972;
Ph.D., University of Utah, 1989

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THE FACULTY

J. BEN PATTERSON — *The Hinga-Boersma Dean of the Chapel* (1993)
A.B., La Verne University, 1966;
M.Div., American Baptist Seminary of the West, 1972

GRAHAM F. PEASLEE — *Assistant Professor of Chemistry* (1994)
A.B., Princeton University, 1981;
Ph.D., State University of New York, 1987

TIMOTHY J. PENNINGS — *Associate Professor of Mathematics and Chairperson of the Department* (1988)
B.S., University of North Dakota, 1979;
M.S., University of North Dakota, 1981;
Ph.D., Iowa State University, 1987

G. LARRY PENROSE — *Professor of History* (1970)
B.A., Portland State University, 1966;
M.A., Indiana University, 1968;
Ph.D., Indiana University, 1975
(Sabbatical leave fall semester 1997)

ANTHONY NOVAK PEROVICH, JR. — *Associate Professor of Philosophy* (1980)
A.B., University of California-Davis, 1973;
M.A., University of Chicago, 1974;
Ph.D., University of Chicago, 1978

JONATHAN W. PETERSON — *Assistant Professor of Environmental Science* (1994)
A.B., Hope College, 1984;
Ph.D., University of Chicago, 1989

ANNE PETIT — *Assistant Professor of Spanish* (1996)
Licence en philologie romane, 1985;
Agrégation de l'enseignement secondaire supérieur: français, 1986,
Agrégation de l'enseignement secondaire supérieur: español, 1987, —
Université de l'Etat à Liège, Belgium;
Diploma de Estudios Hispánicos, Colegio de España, 1986;
Diploma in International and Comparative Politics, Université Catholique de
Louvain-la-Neuve, Belgium, 1987;
Ph.D., Vanderbilt University, 1996

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

WILLIAM F. POLIK — *Associate Professor of Chemistry* (1988)
B.A., Dartmouth College, 1982;
Ph.D., University of California, Berkeley, 1988

JOHN T. QUINN — *Assistant Professor of Classics* (1995)
B.A., University of Notre Dame, 1984;
M.A., University of Texas at Austin, 1986;
Ph.D., University of Texas at Austin, 1994

R. RICHARD RAY, JR. — *Athletic Trainer and Associate Professor of Kinesiology* (1982)
B.S., University of Michigan, 1979;
M.A., Western Michigan University, 1980;
Ed.D., Western Michigan University, 1990

GEOFFREY D. REYNOLDS — *Collections Archivist with the rank of Assistant Professor* (S'1997)
B.S., Central Michigan University, 1989;
M.L.I.S., Wayne State University, 1995

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MAURA M. REYNOLDS — Assistant 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)
A.B., Xavier University, 1966;
M.A., Columbia University, 1967;
Ph.D., University of Illinois-Urbana, 1971

JACK R. RIDL — Professor of English (1971)
B.A., Westminster College, 1967;
M.Ed., Westminster College, 1970

ROBERT A. RITSEMA — Professor of Music (1967)
A.B., Hope College, 1957;
M.M., University of Michigan, 1959;
Ed.D. in Mus., University of Michigan, 1971

JULIO E. RIVERA — Visiting Assistant Professor of Dance (S’1991)
B.A., Princeton University, 1976

DAINA ROBINS — Associate 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 — Associate Professor of Psychology (1987)
B.A., University of Michigan, 1980;
M.A., Wayne State University, 1984;
Ph.D., Wayne State University, 1986
(Leave of absence 1997-1999)

JIMMY ROSS — Percussionist for Dance (S’1991)

DAVID K. RYDEN — Assistant Professor of Political Science and Towsley Research Scholar (1994)
B.A., Concordia College, 1981;
J.D., University of Minnesota Law School, 1985;
Ph.D., The Catholic University of America, 1994
(Sabbatical leave spring semester 1998)

ELIZABETH M. SANFORD — Assistant Professor of Chemistry (1994)
B.A., Smith College, 1987;
Ph.D., University of California, Los Angeles, 1992

PETER J. SCHADEL — The Peter C. and Emajean Cook Professor of English and Chairperson of the Department (1969)
B.A., Central College, Iowa, 1963;
M.A., Southern Illinois University, 1964;
Ph.D., University of Wisconsin, 1969

HEATHER L. SELLERS — Assistant Professor of English (1995)
B.A., Florida State University, 1985;
M.A., Florida State University, 1988;
Ph.D., Florida State University, Tallahassee, 1992

MICHAEL D. SEYMOUR — Professor of Chemistry and Chairperson of the Department (1978)
B.A., Saint John University, 1972;
Ph.D., University of Arizona, 1977
THE FACULTY

STUART W. SHARP — Professor of Music (1975)
B.Mus., Bucknell University, 1962;
M.M., University of Michigan, 1963;
D.M.A., University of Kentucky, 1975
(Sabbatical leave spring semester 1998)

JOHN J. SHAUGHNESSY — Professor of Psychology and Chairperson of the Department (1975)
B.S., Loyola University, 1969;
M.S., Northwestern University, 1971;
Ph.D., Northwestern University, 1972

DEBRA L. SIETSEMA — Assistant Professor of Nursing and Acting Chairperson of the Hope-Calvin Department of Nursing (1993)
B.S.N., University of Michigan, 1984;
M.S.N., Grand Valley State University, 1992

MICHAEL E. SILVER — Professor of Chemistry (1983)
B.S., Fairleigh Dickinson University, 1975;
M.S., Cornell University, 1979;
Ph.D., Cornell University, 1982

CAROLINE J. SIMON — Associate Professor of Philosophy and Chairperson of the Department (1988)
B.S., University of Oregon, 1976;
M.A., University of Washington, 1980;
Ph.D., University of Washington, 1986

GLORIA M. SLAUGHTER — Librarian with rank of Assistant Professor (1988)
B.A., Central Michigan University, 1971;
M.A., Western Michigan University, 1978

MARCIA L. SMIT — Assistant Professor of Nursing (1993)
B.S.N., Grand Valley State University, 1975;
M.S.N., Grand Valley State University, 1992

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 — Associate Professor of Kinesiology (1990)
B.A., Grand Rapids Baptist College, 1982;
M.A., Michigan State University, 1984;
Ph.D., Michigan State University, 1989
(Sabbatical leave spring semester 1998)

THOMAS M. SMITH — Assistant Professor of Business Administration (1993)
B.B.A., University of Michigan, 1980;
M.B.A., University of Iowa, 1983;
Ph.D., University of Michigan, 1994

NEAL W. SOBANIA — Director of International Education and Professor of History (1981)
A.B., Hope College, 1968;
M.A., Ohio University, 1973;
Ph.D., University of London, 1980
THE FACULTY

TODD P. STEEN — Associate 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

GORDON A. STEGINK — Associate Professor of Computer Science (1981)
A.B., Hope College, 1961;
A.M., Washington University, 1963

DARIN R. STEPHENSON — Assistant Professor of Mathematics (1997)
B.S., University of Kentucky, 1988;
M.S., University of Michigan, 1990;
Ph.D., University of Michigan, 1994

JOANNE L. STEWART — Associate Professor of Chemistry (1988)
B.A., Kalamazoo College, 1982;
Ph.D., University of California, Berkeley, 1988

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

GISELA G. STRAND-HALES — Professor of German (1969)
Abitur, St. Ursula Oberschule, Hannover, 1959;
M.A., University of Chicago, 1962;
Ph.D., Vanderbilt University, 1973

DEBORAH STURTEVANT — Associate Professor of Sociology and Social Work (1988)
A.B., Hope College, 1975;
M.S.W., Western Michigan University, 1984

DEBRA H. SWANSON — Associate Professor of Sociology (1989) (1994)
B.A., Hope College, 1983;
M.A., Catholic University of America, 1988;
Ph.D., Catholic University, 1995
(Sabbatical leave spring semester 1998)

MARY ANNE SYDLIK — Visiting Associate Professor of Biology (1994)
B.A., Clarion State College, 1970;
M.A., Western Michigan University, 1980;
Ph.D., Syracuse University, 1985

JOHN K. V. TAMMI — Professor and Director of Theatre (1968)
B.A., Gustavus Adolphus College, 1963;
M.A., University of Minnesota, 1966

ELLIE TANIS — Professor of Mathematics (1965)
B.A., Central College, 1956;
M.S., University of Iowa, 1960;
Ph.D., University of Iowa, 1963
(Sabbatical leave spring semester 1998)

STEPHEN K. TAYLOR — Professor of Chemistry (1985)
B.A., Pasadena College, 1969;
Ph.D., University of Nevada, Reno, 1974

DARRYL G. THELEN — Assistant Professor of Engineering (1994)
B.S., Michigan State University, 1987;
M.S.E., University of Michigan, 1988;
Ph.D., University of Michigan, 1992
THE FACULTY

JOEL J. TOPPEN — *Visiting Instructor of Political Science* (1997)
A.B., Hope College, 1991;
M.A., Purdue University, 1993;
Ph.D., Purdue University, 1997

LOIS A. TVERBERG — *Assistant Professor of Biology* (1995)
B.A., Luther College, 1989;
Ph.D., University of Iowa College of Medicine, 1993

J. JEFFERY TYLER — *Assistant Professor of Religion* (1995)
B.A., Hope College, 1982;
M.Div., Western Theological Seminary, 1986;
Ph.D., University of Arizona, 1995

RICHARD VANDEVERELDE — *Professor of Mathematics* (1967)
B.A., Simpson College, 1960;
M.S., University of Iowa, 1962;
Ph.D., University of Iowa, 1967

JOHN VAN IWAARDEN — *Professor of Mathematics* (1961)
A.B., Hope College, 1957;
M.A., University of Michigan, 1958

JAMES D. VAN PUTTEN, JR. — *Professor of Physics* (1967)
A.B., Hope College, 1955;
M.A., University of Michigan, 1957;
Ph.D. University of Michigan, 1960

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
(Partial sabbatical leave spring semester 1998)

KATHLEEN VERDUIN — *Professor of English* (1978)
A.B., Hope College, 1965;
M.A., George Washington University, 1969;
Ph.D., Indiana University, 1980

B.A., Calvin College, 1966;
B.D., Calvin Theological Seminary, 1969;
Ph.D., Yale University, 1975

LARRY J. WAGENAAR — *Director of the Joint Archives of Holland with the Rank of Associate Professor* (1988)
A.B., Hope College, 1987;
M.A., Kent State University, 1992

BARBARA A. WELLS — *Visiting Assistant Professor of Sociology* (1996)
B.A., Calvin College, 1992;
M.A., Michigan State University, 1995;
ABD, Michigan State University, 1997

LESLIE L. WESSMAN — *Professor of Education and Chairperson of the Department* (1990)
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 of Chemistry* (1969)
B.S., Muskingum College, 1960;
Ph.D., The Ohio State University, 1964
THE FACULTY

BOYD H. WILSON — Professor of Religion (1982)
B.A., Trinity College, 1971;
M.A., Wheaton College, 1976;
Ph.D., University of Iowa, 1982

JOHN M. WILSON — Professor of Art History (1971)
B.A., St. Olaf College, 1955;
M.A., University of Minnesota, 1964;
Ph.D., University of Iowa, 1975

KATHY WINNETT-MURRAY — Associate 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 — Assistant Professor of Psychology (1997)
B.A., Calvin College, 1991;
M.S., Purdue University, 1993;
Ph.D., Purdue University, 1997

KARLA H. WOLTERS — Associate Professor of Kinesiology (1987)
A.B., Hope College, 1973;
M.A., Michigan State University, 1978

RONALD M. WOLTHUIS — Associate Professor of Education (1985)
A.B., Calvin College, 1964;
M.A., Western Michigan University, 1967;
Ed.D., Western Michigan University, 1970

JOHN A. YELDING — Associate Professor of Education (1994)
B.A., Michigan State University, 1969;
M.A., Western Michigan University, 1981

BRIAN K. YOST — Technical Services/Electronic Resources Librarian with the rank of Assistant Professor (S’1997)
B.A., Calvin College, 1989;
M.S., University of Illinois at Urbana-Champaign, 1993

GAIL L. ZANDEE — Assistant Professor of Nursing (1997)
B.S.N., Calvin College, 1990;
M.S.N., Wayne State University, 1993

JAMES M. ZOETEWEY — Professor of Political Science (1966)
B.A., Calvin College, 1960;
Ph.D., University of Colorado, 1971
(Sabbatical leave fall semester 1997)

DAVID A. ZWART — Associate Professor of Education (1989)
A.B., Hope College, 1964;
M.A., Michigan State University, 1969

ADJUNCT FACULTY

JACQUELINE BARTLEY — Adjunct Assistant Professor of English (1989)
B.S., Clarion University, 1973, 1974;
M.F.A., Western Michigan University, 1988

SCOTT T. CARROLL — Executive Director of The Scriptorium and Adjunct Associate Professor of Classics and Archaeology (1996)
B.A., Tennessee Temple University, 1983;
M.A., Trinity Evangelical Divinity School, 1987;
Ph.D., Miami University, 1989
THE FACULTY

DAWN DEWITT-BRINKS — Adjunct Assistant Professor of Communication (1989)
B.A., Hope College, 1984;
M.A., Western Michigan University, 1989

JOHN H. FIEDLER — Adjunct Assistant Professor of English (1990)
B.A., Whitman College, 1980;
M.A., University of Washington, 1983

JULIE A. FIEDLER — Adjunct Assistant Professor of English and Divisional Recruitment Coordinator in the Humanities (1986)
B.A., University of Puget Sound, 1984;
M.A., University of Washington, 1985

ELDON D. GREIJ — The Edward A. and Elizabeth Hofma Adjunct Professor of Biology (1962) (1969)
B.S., State Teachers College at Valley City, North Dakota, 1959;
M.S., North Dakota State University, 1962;
Ph.D., Iowa State University, 1969

STEVEN D. HOOGERWERF — Adjunct Assistant Professor of Religion (1992)
A.B., Hope College, 1977;
M.Div., Western Theological Seminary, 1981;
Ph.D., Duke University, 1991

DOUGLAS IVERSON — Adjunct Assistant Professor of Business Administration (1983)
A.B., Hope College, 1972;
M.B.A., Western Michigan University, 1975

JEANNE M. JACOBSON — A.C. Van Raalte Senior Research Fellow and Adjunct Professor of Education (1996)
B.A., Swarthmore College, 1953;
M.S., State University College at Brockport, 1973;
Ph.D., State University of New York at Albany, 1981

DAVID R. JAMES — Adjunct Assistant Professor of English and Director of the Writing Center (1987)
A.B., Hope College, 1976;
M.A., University of Iowa, 1980

MARY E. JELLEMA — Adjunct Assistant Professor of English (1968)
B.A., Calvin College, 1957;
M.A., The Ohio State University, 1960

CHERYLE E. JOLIVETTE — Adjunct Assistant Professor of Physics (1980)
B.A., University of Wisconsin, 1968;
M.A., University of Wisconsin, 1970

SYLVIA KALLEMAYN — Adjunct Assistant Professor of Spanish (1990/1995)
B.R.E., Reformed Bible College, 1974;
M.A.T., Calvin College, 1982

ROBERTA KRAFT — Adjunct Assistant Professor of Music (1975)
B.M.E., Wheaton College, 1962;
M.M., Indiana University, 1971

DIANE K. LUCAR — Adjunct Assistant Professor of Spanish (1990/1995)
B.A., Calvin College, 1973;
M.Ed., Grand Valley State University, 1984

LARRY MALFROID — Adjunct Assistant Professor of Music (1974)

BARBARA A. MEZESKE — Adjunct Assistant Professor of English (1978)
A.B., Hope College, 1970;
M.A., Michigan State University, 1978
WILLIAM H. MOREAU — Adjunct Assistant Professor of English (1983)
A.B., Hope College, 1976;
M.Ed., Grand Valley State College

STEVE NELSON — Adjunct Assistant Professor of Art and Coordinator of Interdisciplinary Studies (1989)
B.F.A., Western Michigan University, 1982;
M.F.A., Syracuse University, 1985

JONATHAN W. OSBORN — Adjunct Assistant Professor of Sociology and Social Work (1974)
A.B., Hope College, 1970;
M.S.W., Western Michigan University, 1972

DIANNE R. PORTFLEET — Adjunct Associate Professor of English (1988)
B.H., Pennsylvania State University, 1969;
Ph.D., Columbia Pacific University, 1984

B.A., Kalamazoo College, 1970;
M.A., American University of Beirut, 1978;
Ph.D., Michigan State University, 1994

DARELL J. SCHREGARDUS — Adjunct Associate Professor of Psychology and Assistant Dean, Health and Counseling (1988)
A.B., Hope College, 1963;
M.A., Roosevelt University, 1966;
Ph.D., University of California, Davis, 1976

DOUGLAS J. SMITH — Adjunct Assistant Professor of Kinesiology (1978)
A.B., Hope College, 1973;
M.A., Michigan State University, 1981

LINDA KAY STROUF — Adjunct Assistant Professor of Music and Divisional Recruitment Coordinator in the Fine Arts (1988)
B.M., Hope College, 1984;
M.M., University of Wyoming, 1986

TODD M. SWANSON — Adjunct 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

ROBERT P. SWIERENGA — A.C. Van Raalte Institute for Historical Studies Research Professor and Adjunct Professor of History (1996)
B.A., Calvin College, 1957;
M.A., Northwestern University, 1958;
Ph.D., University of Iowa, 1965

JAMES VANDER MEER — Adjunct Assistant Professor of Kinesiology (1985)
B.A., Hope College, 1976;
M.A., Western Michigan University, 1982

BASTIAAN VAN ELDEREN — Adjunct Professor of Classics and Archaeology (1996)
A.B., Calvin College, 1949;
B.D., Calvin Theological Seminary, 1953;
M.S., University of California, 1955;
Th.D., Pacific School of Religion, 1961
THE FACULTY

KIMBERLY L. VAN KAMPEN — Curator of the Van Kampen Collections and Adjunct Assistant Professor of Interdisciplinary Studies (1996)
   B.A., North Central College, 1983;
   M.A., Northern Illinois University, 1993;
   Ph.D., Northern Illinois University, 1997

DENNIS N. VOSKUIL — 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

F. SHELDON WETTACK — Adjunct Professor of Chemistry (1994)
   B.A., San Jose State College, 1960;
   M.A., San Jose State College, 1962;
   Ph.D., University of Texas, 1968

DAVID M. ZESSIN — Adjunct Assistant Professor of Business Administration (1982)
   A.B., Hope College, 1978;
   J.D., University of Toledo, College of Law

PART-TIME LECTURERS

JUDITH BAKER — Nursing (1993; Calvin apmt.)
   B.S.N., Calvin College;
   M.S.W., University of Michigan

RON BOEVE — Kinesiology (1985)
   A.B., Hope College

LINDA BOOKER — Dance (1987)
   B.A., Central Michigan University

TOM BOS — Kinesiology (1988)
   B.A., Hope College
   M.A, Michigan State University

DEBORAH CRAIOVEANU — Music (1992)
   B.M., The Ohio State University;
   M.Mus., Bradley University

TOM DAVELAAR — Kinesiology (1984)
   B.A., Hope College

TOM ERICKSON — Music (1981)
   B.M., University of Rochester

LAURA SUTTON FLOYD — Music (1984)
   B.M., University of Louisville;
   M.M., Michigan State University

BARBARA GRAS — Kinesiology (1989)
   B.S., Hope College;
   M.A., Western Michigan University

   B.Mus., Western Michigan University

FRANK KRAAI — Education (1990)
   B.A., Hope College;
   M.A., Michigan State University

NICK KRAMER — Kinesiology (1987)
   B.A., Hope College
THE FACULTY

BONNIE KRUEGER — Education (1992)
  B.S., Michigan State University
  M.A., Western Michigan University

  B.M., Hope College;
  M.A., Western Michigan University

JENNIFER FABYAN MAJ — English (1993)
  B.A., Wayne State University;
  M.A., Wayne State University;
  M.S., Georgetown University

EDWARD K. MALLETT — Music (1992)
  B.M., Central Michigan University;
  M.M., Michigan State University;
  D.M.A., Michigan State University

DAWN M. MC ILHARGEY — Dance (1991)

JIM MITCHELL — Kinesiology (1990)
  B.A., Hope College

JEFF MUNROE — Religion (1988)
  B.A., Michigan State University
  M.Div., Western Theological Seminary

MATT NEIL — Kinesiology (1986)
  B.A., Hope College;
  M.A., Grand Valley State University

ROB POCOCK — Communication (1989)
  A.B., Hope College;
  M.A., Michigan State University

TERRANCE POTT — English (1985)
  B.A., Calvin College;
  MAT, Fairleigh-Dickinson University

ROBERT ROOS — Chemistry (1992)
  B.A., Hope College;
  M.A., M.A., University of Michigan

RONALD SHOEMAKER — Education (1993)
  B.A., Hope College;
  M.A., Michigan State University;
  Ed.S., Michigan State University

  A.B., Hope College;
  M.A., University of Michigan

BARBARA TIMMERMANS — Nursing (1983; 1989; Calvin apmt.)
  B.S., Grand Valley State University;
  M.S.N., University of Michigan

MARCIA VANDERWEL — Education (1976)
  B.S., University of Michigan;
  M.A., Western Michigan University

WESLEY WOOLEY — Kinesiology (1990)
  B.A., Hope College

THOMAS WORKING — Music (1985)
  B.Mus., Hope College;
  M.Mus., Western Michigan University

STEPHEN ZYLSTRA — Computer Science (1992)
  B.Mus., Hope College
ADMINISTRATIVE STAFF

PRESIDENT OF THE COLLEGE

JOHN H. JACOBSON, JR.* — President and Professor of Philosophy (1987)
KATHERINE MERVAU — Administrative Assistant to the President (1980)

Staff
Mary Wilson, Secretary (1996)

ACADEMIC ADMINISTRATION

JACOB E. NYENHUIS* — Provost and Professor of Classics (1975/1984)
JAMES M. GENTILE* — Dean for the Natural Sciences and Kenneth G. Herrick
Professor of Biology (1976/1988)
ALFREDO M. GONZALES* — Assistant Provost (1984)
JON J. HUISKEN* — Dean for Academic Services and Registrar (1969)
NANCY SONNEVELDT MILLER* — Dean for the Social Sciences and
Professor of Education (1968/1985)
WILLIAM D. REYNOLDS* — Dean for the Arts and Humanities and Professor
SUSAN J. FELDKAMP — Administrative Assistant to the Provost (1984)
TRACEY ARNDT — Administrative Assistant to the Dean for Natural Sciences
(1995)
ANN W. FARLEY — Administrative Assistant to the Dean for Arts and Humanities
(1976)
CHERYL MCGILL SCHAIRER — Administrative Assistant to the Dean for
Social Sciences (1977)

Staff
Barbara Masselink; Secretary, Office of the Provost (1981)

ACADEMIC DEPARTMENTAL OFFICE STAFF

Art ........................................... Jacqueline Carey (1988)
Biology ........................................ Beverly Kindig (1973)
Chemistry ..................................... Norma Plasman (1968)
Communication ............................. Pamela Valkema (1989)
Economics & Business Administration ............................ Joy Forgwe (1983)
                                Rowene Beals (1996)
Education ..................................... Barbara Scholten (1990)
Geological & Environmental Sciences ............................ Lois Roelofs (1985)
History ....................................... Kathleen O’Connor (1993)
Kinesiology ................................... Joyce Otto (1986)
                                Beverly Larsen (1979)
                                Marianne Yonker (1988)
Modern & Classical Languages ............................... Karen Barber-Gibson (1986)
Music ......................................... Cynthia Raue (1996)
Philosophy & Political Science ............................ Sally Smith (1991)
Physics/Computer Science/Mathematics ........................ Sueann Keen (1995)
Psychology .................................... Kathleen Adamski (1981)
Religion ....................................... Karen Michmerhuizen (1980)
Theatre ....................................... Judyth Thomas (1987)
ADMINISTRATIVE STAFF

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

SUSAN B. WILLIAMS — Director of FOCUS and SOAR Programs (1990)

B.A., Muskingum College;

M.S.W., Grand Valley State University

CAROL DE JONG — Records Manager (1988)

B.A., Dordt College

Staff

June Weener (1986)

Sharon Hoogendoorn (1987)


Jamie Kooiker (1993)

Florence Amante (1995)

Sheryl Lunn (1995)

ACADEMIC SUPPORT CENTER

JACQUELINE D. HEISLER — Director of Academic Support Center (1982)

B.A., Drew University;

M.A., University of Nebraska

DAVID R. JAMES* — Director of Writing Center (1982) (1987)

JANET MIELKE PINKHAM — Tutoring Coordinator (1989)

A.B., Hope College;

M.A., University of Kansas

Staff

Laurie Menken, Secretary (1984)

DOW HEALTH AND PHYSICAL EDUCATION CENTER

JANE HOLMAN — Director of Dow Center and DeWitt Tennis Center (1975)

B.A., Michigan State University

GORDON VANDER YACHT — Physical Education and Athletic Equipment Manager (1988)

B.S., Grand Valley State University

MICHAEL RICKETTS — Football Recruiter and Defensive Coordinator (1995)

B.A., Augustana College;

M.S., Eastern Illinois University

Staff

Joyce Otto, Office Manager (1986)

Beverly Larsen, Secretary (1979)

Marianne Yonker, Secretary (1988)

EDUCATION

MARTHA SWANK — Director, Program for Academically Talented at Hope (PATH) (1988)

B.A., M.A., Ed.S., Michigan State University
ADMINISTRATIVE STAFF

BARBARA ALBERS — Director, Project TEACH (1996)
A.B., Calvin College;
M.A., St. Louis University

THE CARL FROST CENTER FOR SOCIAL SCIENCE RESEARCH
CHARLES W. GREEN* — Director of the Carl Frost Center for Social Science Research and Associate Professor of Psychology (1983)
BARRABA NEPER — Research Associate (1995)
MILLY HUDGINS — Administrator (1994)

INTERNATIONAL EDUCATION
NEAL W. SOBANIA* — Director of International Education and Professor of History (1981)
JENNIFER MAJ — English as a Second Language Coordinator (1997)
B.A., M.A., Wayne State University;
M.A., Georgetown University
Staff
Amy Otis, Office Manager/Special Programs Coordinator (1996)

THE JOINT ARCHIVES OF HOLLAND
LARRY J. WAGENAAR* — Director of the Joint Archives of Holland with rank of Associate Professor (1988)
GEOFFREY D. REYNOLDS* — Collections Archivist with rank of Assistant Professor (1997)
Staff
Lori Trethewey, Secretary (1993/1996)

LABORATORIES AND EQUIPMENT CENTERS
TOD GUGINO — Director of Chemistry Laboratories (1986)
B.S., Hope College
KEVIN GARDNER — Director of Physics Laboratories (1978)
B.S., M.S., Ball State University
LORI HERTHEL — Director of Biology Laboratories (1984)
B.A., M.S., Western Michigan University
BRAD MULDER — Physics Laboratories (1989)

LIBRARY
DAVID P. JENSEN* — Director of Libraries (1984)
COLLEEN CONWAY* — Librarian with rank of Associate Professor and Head of Technical Services (1989)
KELLY JACOBSMA* — Librarian with rank of Associate Professor and Head of Public Services (1988)
PRISCILLA D. ATKINS* — Librarian with rank of Assistant Professor (1994)
MARK CHRISTEL* — Librarian with rank of Assistant Professor (1994)
DAVID O'BRIEN* — Librarian with rank of Assistant Professor (1992)
ADMINISTRATIVE STAFF

GLORIA SLAUGHTER* — Librarian with rank of Assistant Professor (1988)
BRIAN YOST* — Librarian with rank of Assistant Professor (1997)
LINDA LINKLATER — Media Services Coordinator (1983)
   B.A., Michigan State University;
   B.S., Grand Valley State University
PATRICIA O’BRIEN — Library Associate (1992)
   B.A., Grand Valley State University
CHRISTINE NELSON — Library Associate (1979)
   A.B., Hope College
JOYCE NIELSEN — Library Associate (1977)
   B.A., University of Iowa
DOROTHY PEARSON — Music Library Technician (1979)
   A.B., Hope College
DAWN VAN ARK — Library Associate (1971)
   A.B., Hope College
HELEN EINBERGER — Inter-Library Loan Associate (1984)
   Staff
      Patti Carlson, Administrative Assistant (1990)
      Nancy Malda, Technical Services Assistant (1991)
      Janet Ramsey, Circulation Assistant (1979)
      Jan Zessin, Media Services Assistant (1989)

THEATRE PRODUCTION
PERRY LANDES* — Manager of Theatre Facilities (1987)
PAUL ANDERSON — Assistant Technical Director
   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
ANNE DE VELDER — Production Manager, Hope Summer Repertory Theatre (1997)
   A.B., Hope College;
   M.F.A., Columbia University

A.C. VAN RAALTE INSTITUTE FOR HISTORICAL STUDIES
ELTON J. BRUINS* — Evert J. and Hattie E. Blekkink Professor Emeritus of Religion (1966-1992) and Director of the A.C. Van Raalte Institute for Historical Studies (1994)
JEANNE M. JACOBSON* — A.C. Van Raalte Senior Research Fellow and Adjunct Professor of Education (1996)
ADMINISTRATIVE STAFF

ROBERT P. SWIERENGA* — A.C. Van Raalte Research Professor and Adjunct Professor of History (1996)

JAMES C. KENNEDY* — A.C. Van Raalte Research Fellow (1997)

ADMISSIONS

JAMES R. BEKKERING — Vice President for Admissions (1980)
A.B., Hope College;
M.A., Ph.D., Michigan State University

GARY CAMP — Director of Admissions (1978)
A.B., Hope College;
M.A., Michigan State University

GARRETT M. KNOTH — Associate Director of Admissions (1991)
B.A., Cornell College;
M.A., University of Iowa

CAROL FRITZ — Assistant Director of Admissions (1993)
B.S., Wartburg College

BRIAN D. MOREHOUSE — Assistant Director of Admissions (1991)
A.B., Hope College

STUART POST — Assistant Director of Admissions (1992)
B.A., Hope College
M.A., Western Michigan University

KATY CARPENTER — Admissions Counselor (1996)
A.B., Hope College

MARK DEFETYER — Admissions Counselor (1996)
A.B., Hope College

CHRIS GREIMAN — Admissions Counselor (1997)
A.B., Hope College

LAURA MCKEE — Admissions Counselor (1997)
A.B., Hope College

ISMARIA MEDEL — Admissions Counselor (1997)
A.B., Hope College

LESLIE STERLING — Admissions Counselor (1996)
A.B., Hope College

LAURIE BROCK — Administrative Assistant to Vice President for Admissions (1976)
A.B., Hope College

Staff

BUSINESS OFFICE

WILLIAM K. ANDERSON — Vice President for Business and Finance (1966)
B.S., Ferris State College

DIANA BENZENBERG — Financial Analyst and Assistant to the Vice President (1990)
A.B., Hope College

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ADMINISTRATIVE STAFF

BARRY L. WERKMAN — Business Manager and Controller (1967)
A.B., Hope College;
M.S., University of Wyoming
KEVIN KRAAY — Associate Business Manager (1985)
A.B., Hope College
DOUGLAS VAN DYKEN — Assistant Controller (1987)
A.B., Hope College
HOLLI WILLIAMSON — Manager of Accounts Receivable (1996)
A.B., Hope College

Staff
Brenda Brewer, Cashier (1986)
Mary Essenburg, Accounts Payable (1985)
Donna Franks, Payroll (1977)
Beth Hoeksema, Accounts Payable/Purchasing (1997)
Shirley Larsen, Cashier (1982)
Lori Mulder, Accounts Receivable (1996)

ARTS MANAGEMENT AND SUPPORT
PAUL K. ANDERSON — Arts Technician (1991)
A.B., Hope College
VALERIE C. MCLOY — Arts Coordinator (1991)
B.A., University of North Carolina
EMIKO MORSE — Manager of the Knickerbocker Theatre (1995)
A.B., Hope College

Staff
Erik Alberg, Technical Assistant (1996)

COMPUTING AND INFORMATION TECHNOLOGY
GREG MAYBURY — Director of Operations and Technology (1990)
A.B., Dartmouth College;
M.S., University of Illinois
CARL E. HEIDEMAN — Director of Computing and Information Technology (1988)
B.S., Hope College
STEVEN L. BAREMAN — Computer Systems Specialist (1987)
B.S., Hope College
KATE MAYBURY — Computer Training Specialist (1990)
B.S., M.S., University of Illinois
STEVEN DE JONG — Computer Applications Specialist (1985)
A.A., Champlain College
CHERYL A. SHEA — Programmer Analyst (1979)
B.A., Temple University
CHRIS MCDOWELL — Programmer Analyst (1985)
B.S., Grand Valley State University
REBECCA VAN DYKE — Project Coordinator (1996)
A.B., Hope College
ADMINISTRATIVE STAFF

MARIA TAPIA — *Production Support Supervisor* (1967)

STEVEN DRIESENGA — *Manager of Technical Support* (1983)

PAULINE ROZEBOOM — *Service Manager* (1982)

Staff
Abraham Anaya, Computer Systems Consultant (1987)
Brad Bouwkamp, Senior Technician (1987)
David Elsbury, Technician (1995)
Margie Hoekstra, Secretary (1996)
Kevin Mendels, Technician (1996)

HOSPITALITY SERVICES

CHARLES MELCHIORI — *Executive Director of Hospitality* (1986)
B.A.S., Grand Valley State College

CYNTHIA LITTLE — *Marketing Director of Haworth Conference and Learning Center* (1995)
B.A., University of North Carolina

RICK DICKERSON — *Building Supervisor* (1996)

SANDY HARMON — *Haworth Center Front Office Manager* (1990)

LUCILLE JONGEKRIJG — *Haworth Center Guest Service Manager* (1981)

BARBARA SCHIPPER — *Director of Conference Services* (1990)
B.A., DePauw University

TODD VAN WIEREN — *Executive Chef* (1996)

Staff
Kristi Dunn, Secretary/Receptionist (1996)
Janet La Barge, Facilities Coordinator (1996)
Ann Sharkey, Haworth Center Sales Coordinator (1996)

FINANCIAL AID

A.B., Hope College

CONNIE RAMIREZ — *Associate Director of Financial Aid* (1984)
A.B., Hope College

MARTY STROM — *Assistant Director of Financial Aid* (1978)

KENDRA L. WILLIAMS — *Assistant Director of Financial Aid* (1985)

Staff
Cindy Groters, Office Manager (1989)
Jamie DeWitt, Office Assistant (1992)
Milagro Brunink, Office Assistant (1995)

HOPE-GENEVA BOOKSTORE

MARK COOK — *Director of Hope-Geneva Bookstore* (1973)
A.B., Hope College
**ADMINISTRATIVE STAFF**

**Staff**
- Sarah Anderson, Supplies Buyer (1978)
- Julie Barney, Office Manager (1985)
- Mary Deenik, Office Assistant/Accounts Payable (1995)
- Maxine Greij, Office Assistant (1978)
- Sally Hoekstra, Trade Books (1989)
- Jeanne Kinkema, Cashier (1973)
- Andrew Huisman, Mailroom (1995)
- Deborah Sanderson, Insignia Buyer (1993)
- Paula Shaughnessy, Textbook Manager (1980)

**HUMAN RESOURCES**
- **BRUCE HIMEBAUGH** — *Director of Human Resources* (1970)
  - B.A., M.A., Western Michigan University
- **PATRICIA KELLER** — *Assistant Director of Human Resources* (1994)
  - B.B.A., Grand Valley State University

**Staff**
- Ann Mason, Office Assistant (1977)

**PHYSICAL PLANT**
- **GERALD RADEMAKER** — *Director of Physical Plant* (1994)
  - B.S., Western Michigan University
- **KATHLEEN ARNOLD** — *Office Manager/Support Service Coordinator* (1989)
- **MICHAEL MC CLUSKEY** — *Supervisor of Maintenance Services* (1994)
  - A.A.S., Ferris State University
- **MARTIN C. STRANG** — *Outdoor Project Manager* (1970)
  - B.S., Michigan State University

**Staff**
- Bob Hunt, Grounds Supervisor (1988)
- Edna Zeeff, Secretary (1995)

**PUBLIC SAFETY**
- **DUANE TERPSTRA** — *Director of Public Safety* (1980)
  - B.S., Grand Valley State College
  - M.S., Western Michigan University
- **JERRY GUNNINK** — *Director of Occupational Health and Fire Safety* (1981)
  - B.S., Grand Valley State College

**Officers**
- Chris Gesink
- Mike Lafata
- Glendene Lahr
- Kathy Ransom
- Don Tuuri
- Chad Wolters

**Staff**
- Shirley Beckman, Information Center (1978)
- Judy Brake, Information Center (1974)
- Lisa Knapp, Information Center (1996)
- Mary Van Vels, Office Manager (1987)
- Elaine VanWieren, Information Center (1986)
ADMINISTRATIVE STAFF

TRANSPORTATION
RON HALE — Director of Transportation (1983)

Staff
Pat DeWitt, Transportation Scheduler (1989)
Karl Ruf, Transportation Services (1995)

COPY CENTER
SANDY TASMA — Supervisor (1973)

Staff
Betty Dolley (1977)

CAMPUS MINISTRIES
J. BEN PATTERSON* — Dean of the Chapel (1993)

PAUL H. BOERSMA — Chaplain (1994)
A.B., Hope College;
M.Div., Western Theological Seminary

DOLORES NASRALLAH — Chaplain (1994)
A.B., San Diego State University;
M.A.T.S., Bethel Theological Seminary

DWIGHT BEAL — Director of Music and Worship (1994)
A.B., Hope College

LORI FAIR — Director of Student Outreach (1996)
B.A., Anderson University

Staff
Danielle Hadley — Administrative Assistant (1994)

COLLEGE ADVANCEMENT
ROBERT N. DE YOUNG — Vice President for College Advancement (1965)
A.B., Hope College;
M.A., Western Michigan University

DEVELOPMENT
GLENN LOWE — Regional Advancement Director (1990)
A.B., Hope College

JOHN NORDEN — Regional Advancement Director (1987)
A.B., Hope College;
M.A., Michigan State University

BARBARA OSBURN — Annual Fund Director (1991)
A.B., Hope College

TODD SCHUILING — Regional Advancement Director (1987)
A.B., Hope College

JAMES VAN HEEST — Regional Advancement Director (1987)
A.B., Hope College

KRIS WITKOWSKI — Director of Advancement Services (1987)
A.B., Hope College
ADMINISTRATIVE STAFF

SCOTT WOLTERINK — Regional Advancement Director (1995)
  A.B., Hope College;
  M.Ed., University of Vermont

LOIS MILLER — Administrative Assistant (1991)
  A.B., Hope College

CARRIE BORCHERS — Annual Fund Assistant/Phonathon Director (1996)
  A.B., Hope College

Staff
Karen Brandsen, Advancement Services (1987)
Deborah Nykamp, Advancement Services (1994)
Kimberly Salisbury, Advancement Services (1994)
Amy Sasamoto, Advancement Services (1996)
Sandy Tasma, Advancement Services (1973)

PUBLIC RELATIONS

THOMAS L. RENNBER — Director of Public Relations (1967)

GREGORY S. OLGEERS — Director of Information Services (1988)
  A.B., Hope College

LYNNE M. POWE — Assistant Director for College Advancement for Alumni
  Affairs (1992)
  A.B., Hope College;
  M.A., Western Michigan University

KATHRYN H. MILLER — Manager of Public Relations Services (1993)
  B.A., University of Michigan

Staff
Karen Bos, Secretary (1987)

STUDENT DEVELOPMENT SERVICES

RICHARD FROST — Dean of Students and Vice President for Student Life (1989)
  B.A., Luther College;
  M.A., Ph.D., Michigan State University

FONDA GREEN — Director of Special Programs (1983)
  B.S., Trevecca Nazarene College;
  M.Ed., Ed.S., University of Florida

JULIE K. GOEBEL — Director of Residential Life (1994)
  B.A., Saginaw Valley State University;
  M.A., Michigan State University

DEREK EMERSON — Director of Housing and Judicial Affairs (1989)
  A.B., Hope College;
  M.A., Western Michigan University

ANNE BAKKER-GRAS — Director of Student Activities (1987)
  A.B., Hope College;
  M.A., Western Michigan University

LOUISE SHUMAKER — Director of Disability Services (1987)
  A.B., Hope College;
  M.A., Western Michigan University
ADMINISTRATIVE STAFF

SUSAN FROST — Director of Student Issues (1990)
   B.S., Viterbo College;
   M.A., University of Georgia

   B.A., Gustavus Adolphus;
   Psy.D., Adler School of Professional Psychology

Staff
   Lori Bouwman (1997)
   Kathy Waterstone, Secretary (1989)

CAREER SERVICES

DALE F. AUSTIN — Director of Career Services (1981)
   B.S., Central Michigan University;
   M.A., Michigan State University

DINEAN THELEN — Assistant Director of Career Services (1994)
   B.A., Bowling Green State University;
   M.S., Miami University

Staff
   Elizabeth Bocks, Secretary (1986)

HEALTH SERVICES

ANNE MCKAY — Director of Health Services (1995)
   B.S.N., Delaware State College;
   M.S.N., University of Virginia;
   R.N.-C., University of Michigan

Staff
   Linda Bos (1996)
   R.N., B.S.N., Calvin College
   Jayne Pettinga (1989)
   R.N., B.S.N., Grand Valley State University
   Cristal Saffee (1996)
   R.N., B.S.N., Grand Valley State University
   Cheryl Smith (1995)
   R.N., B.S.N., University of Michigan
   Barb Helmus, Receptionist/Secretary (1979)

COUNSELING CENTER

DARELL J. SCHREGARDUS* — Assistant Dean, Health and Counseling;
   Director, Counseling Center; Adjunct Associate Professor of Psychology (1988)

KRISTEN GRAY — Assistant Director, Counseling Center (1987) (1993)
   B.A., Gustavus Adolphus;
   Psy.D., Adler School of Professional Psychology

CELAINE BOUMA-PREDIGER — Counselor (1994)
   A.B., Hope College;
   M.Div., Fuller Theological Seminary

JEANNE LINDSELL — Counselor (1992)
   A.B., Hope College;
   M.S.W., Western Michigan University
Administrative Staff

Staff
Linda Koetje, Secretary (1994)

Creative Dining Services

Bob Van Heukelom — Director of Dining Services (1994)
B.S., Ferris State University

Jeremy Vande Noord — Catering Manager (1996)

Traci Vander Kamp — Service Manager (1996)

Rick Balfour — Food Service Production Manager (1989)
B.A.S., Grand Valley State College

Lorette Evans — Kletz Manager (1996)
Staff
Evelyn DeVries, Secretary (1995)
Susan Schierbeek, Secretary (1997)

Special Programs

Children’s After School Achievement (Casa) Program

Connie Brummel — Director of CASA Program (1994)
B.A., Calvin College;
M.A., Western Michigan University

Robert Boersma — Academic Coordinator of CASA Program (1995)
B.S., Ferris State University
Staff
Maria S. Huerta, Secretary (1996)

Higher Horizons

Amy Shepard — Higher Horizons Coordinator (1995)
A.B., Hope College

Pat Crum — Family Life Coordinator (1979)
B.A., Central Michigan University
Staff
Cynthia Vogelzang, Secretary (1996)

Philadelphia Center — Faculty and Staff

Stevens E. Brooks — Executive Director (1968) (1974)

Christine Wright — Placement Coordinator (1986)

Mark A. Clark — Faculty (1990)

Mary S. Laver — Faculty (1988)

Deborah Leibel — Faculty (1990)

Gerald A. Luneburg — Faculty (1988)

Rosina S. Miller — Program Coordinator (1991)
ADMINISTRATIVE STAFF

THE Scriptorium: Center for Christian Antiquities

Scott T. Carroll* — Executive Director and Adjunct Associate Professor of Classics and Archaeology (1996)

Herbert L. Samworth — Director of Community Programs (1997)
B.S., Drexel University, 1962;
B.Div., Columbia Bible College, 1967;
T.H.D., Westminster Theological Seminary, 1988

Bastiaan van Elderen* — Principal Investigator, Wadi-Natrun Excavations and Adjunct Professor of Classics and Archaeology (1996)

Kimberly L. van Kampen* — Curator of the Van Kampen Collections and Adjunct Assistant Professor (1996)

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)
Staff
Debbie Huerta, Secretary (1993)

Vienna Summer School — Faculty and Staff

Paul G. Fried — Founder of Vienna Summer School (1956)
Ph.D., University of Erlangen

Stephen I. Hemenway — Director of Vienna Summer School (1976)
Ph.D., University of Illinois

Deborah Bock — German (1969)
Ph.D., University of Vienna

Herbert Czermak — Modern Austrian History (1987)
Ph.D., University of Vienna

Ingeborg Bernhart — Literature (1989)
Ph.D., University of Vienna

Felix Molzer — Music (1961)
M.S., University of Pennsylvania

Anna von Spitzmuller — Art History (1970)
Ph.D., University of Vienna

*See Faculty Listing for degrees.
Hope Alumni are represented in all fifty states and in more than fifty foreign countries. Organized in 1967, the Alumni Association numbers over 25,000 members. The Association has several regional groups that have regular events throughout the United States. There is also an alumni club for athletic letter winners (men and women) called the Alumni H-Club.

*News from Hope College*, a bimonthly tabloid, informs alumni and friends of Hope about activities of the college and chronicles the achievements of her graduates. An Alumni Directory is published every five years.

The staff of the Office of Alumni and Public Relations is responsible for coordinating alumni activities. The staff maintains alumni records and encourages alumni to submit changes of address. The staff also welcomes correspondence with news of promotions, new positions, work being done in postgraduate schools, and items of a personal nature such as marriages, births and deaths. This information is passed on to classmates through the *News from Hope College*.

Three special days are held on campus for alumni — Homecoming in October, Winter Happening in January, and Alumni Day on the Saturday before Commencement in May. The latter features class reunions and an annual alumni dinner. Alumni who have been selected for Distinguished Alumni Awards are announced at this dinner. Selections are made on the basis of contributions to society through volunteerism, contributions to one’s profession, and active involvement with the college.

**BOARD OF DIRECTORS, 1997-98**

<table>
<thead>
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<th>Executive Directors</th>
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<tr>
<td>President</td>
<td>Jennifer Liggett</td>
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<tr>
<td>Vice President</td>
<td>Claire Vander Meulen Gibbs</td>
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<tr>
<td>Secretary</td>
<td>Michael Percy</td>
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<tr>
<td>Treasurer</td>
<td>William K. Anderson</td>
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**DIRECTORS**

**TERMS EXPIRING 2000**

- Bruce Brumels '59 ................................McBain, Michigan
- Ruth Anne Hascup '80 Burgener ....................Flanders, New Jersey
- Vicky TenHaken '81 Hawken ........................Baldwinsville, New York
- John Hensler '85 ................................Fenton, Michigan
- Doris Kellom '80 ................................Arlington, Massachusetts
- Karen Gralow '75 Mashuta ...........................Schenectady, New York
- Daniel McCue '99 ..................................Bexley, Ohio
- Martha Corbin '72 Whiteman .........................Indianapolis, Indiana

**TERMS EXPIRING 1999**

- Marianne Dykema '81 Griffin ........................Fort Worth, Texas
- Kara McGillicuddy '98 ..............................Okemos, Michigan
- Michael Percy '86 .................................Mentor, Ohio
- Jane Terpstra '82 ..................................Minneapolis, Minnesota
- Richard Webster '84 ................................Sterling, Virginia

**TERMS EXPIRING 1998**

- Janette Vandenberg '79 Aardema ..................Grand Rapids, Michigan
- Bryan Bush '84 ......................................Anaheim, California
- Claire Vander Meulen '75 Gibbs ..................Melbourne, Florida
- Michelle Baker '89 Laverman ........................Phoenix, Arizona
- Jennifer Liggett '80 ..............................Kalamazoo, Michigan
- Megan Mulder '97 ..................................Moline, Illinois
- Linda Selander '64 Schaap ........................Barrington, Illinois
Each year the faculty honors those students whose academic careers are marked by high achievement. The following honors and awards are among those presented.

SUSAN ALLIE PHYSICAL EDUCATION AWARD — A cash 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 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 the senior woman student who has demonstrated the type of scholarship, community service and women’s leadership for which the AAUW stands.

AMERICAN BIBLE SOCIETY BOOK AWARD — A book award given by the American Bible Society to a deserving student who, in the judgment of the Religion Department faculty, is a superior student and who will utilize the book in future study.

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 freshman student who, in the judgment of the geology faculty, shows the most potential of being a successful professional geologist.

ART DEPARTMENT PURCHASE AWARD — The Art Department, in an effort to recognize superior student work and to increase campus awareness of our own aesthetic environment, has initiated an Art Department Purchase Award which is given to deserving students. 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 OUTSTANDING JUNIOR ECONOMICS STUDENT — A book award to the outstanding junior economics student, as selected by the faculty of the Department of Economics and Business Administration.

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.

BIOLOGY BOOK AWARD — A book award presented to students, selected by the biology faculty, on the basis of outstanding performance in introductory biology.

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.
HONORS AND AWARDS

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.

FLORENCE CAVANAUGH DANCE AWARD — An award presented by the Dance Department 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 Music Department of Hope College and his Christian commitment, by his family, former students, and friends.

CHRISTIAN SERVICE NURSING AWARD — The award is presented to the junior or 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 FOR SCHOLARSHIP IN COMMUNICATION STUDIES — Awarded to the students who have demonstrated continuing interest and excellence in communication studies.

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.

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 English Department faculty. The award has been established in honor of Professor Clarence De Graaf, a member of the English Department 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 and Business Administration.

DELA OMICRON SCHOLARSHIP AWARD — An award for outstanding musicianship and outstanding scholarship presented by the alumni of Zeta Alpha Chapter. (This is not an annual award.)

DELA PHI ALPHA BOOK PRIZE — Delta Phi Alpha, the honorary German fraternity, annually presents book prizes to the students in German who have 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.

DUPONT AWARD FOR UNDERGRADUATE RESEARCH IN CHEMISTRY — A cash award to the senior student who has done the most outstanding research in chemistry.

WILLIAM B. EERDMANS POETRY PRIZE — A cash award for the best creative writing done in poetry during the current year.

WILLIAM B. EERDMANS PROSE PRIZE — A cash award for the best creative writing done in prose during the current 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.

FIRST-YEAR CHEMISTRY BOOK AWARD — Presented to the freshman 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 MUSIC AWARDS — 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 head of the Music Department.

FRESHMAN PHYSICS BOOK AWARDS — Presented to a student in Physics 122 and a student in Physics 132 who, in the estimation of the physics faculty, have demonstrated outstanding performance in freshman physics.

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.

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
judgement 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.

JEANETTE GUSTAFSON MEMORIAL GIFT — An award to the most deserving graduating student of the Social Work Major Program, 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 SCHOLARSHIP — Awarded to a promising major in the Art Department, and is intended for the purpose of research materials. The Stanley Harrington Art Scholarship is established by friends, students and family in memory of Mr. Harrington, a professor in the Art Department 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.

HOLLAND AREA ARTS COUNCIL SCHOLARSHIP — A cash award given to a promising major in the Art Department. The Holland Area Arts Council sponsors and encourages cultural and educational activities in the Holland and surrounding areas.

HUMAN KINETICS JUNIOR BOOK AWARD IN ATHLETIC TRAINING — This award is presented annually to a junior student who, in the judgement 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 up to $100 of books, videos, or software from Human Kinetics Publishers.

JUNIOR CHEMISTRY JOURNAL AWARD — An award to the student who, in the estimation of the Chemistry Department, exhibited outstanding performance as a junior chemistry student. The award is a fifteen-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 a publisher.

JUNIOR PRIZE IN PHILOSOPHY — A book prize awarded to that member of the junior class judged by the department to have written the best philosophy paper during the current academic year.

JUNIOR-SENIOR INSTRUMENTAL SCHOLARSHIP — A prize of one instrumental lesson per week for one year awarded by the Music Department to the junior or senior who is a music major and has spent at least one year of resident study in the Music Department. 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 Music Department to the junior or senior who is a music major and has spent at least two years of resident study in the Music Department. 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.

KENT MEDICAL FOUNDATION AWARD — The Kent Medical Foundation was established in 1961 by the Kent County Medical Society as a charitable non-profit
HONORS AND AWARDS

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 handicapped children.

ALLAN C. KINNEY MEMORIAL FUND — Provides an annual cash award to the outstanding graduating senior majoring in economics or business administration. The winner 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 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. The prize is a one-year membership in the Mathematical Association of America which includes the subscription to two mathematical journals.

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 judgement of the computer science faculty, have demonstrated excellence in the field of computer science.

STANLEY KUNITZ EMERGING WRITER AWARD — A cash award to the student who exhibits notable and promising talent in the literary arts. The award, initiated by Ellen Bryant Voigt, is named for Stanley Kunitz to honor his poetry, his teaching, and his generosity toward young writers.

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 MEMORIAL PRIZE IN ANCIENT PHILOSOPHY — A cash award to that member of the freshman or sophomore class judged by the department to have done the best work in ancient philosophy. 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 MODERN PHILOSOPHY — A cash award to that member of the freshman or sophomore class judged by the department to have done the best work in modern philosophy. 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 the outstanding student in mathematics.
HONORS AND AWARDS

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.

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.

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.

ELEANOR J. PALMA MEMORIAL AWARD — A fund to provide piano scholarships in the Music Department 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 Music Department 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 Music Department.

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 teaching of French.

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.

PIETENPOL PRIZE — A cash award to the senior student who gives promise of greatest success in the Christian ministry.
HONORS AND AWARDS

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 up to ten annual 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.

POST JEWELRY MUSIC 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.

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 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 AWARD — Awarded each year to a junior geology major who, in the judgement 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 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 Kinesiology Department 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 within the teams on which she has participated. The award is an octagon pewter plate with the bronze Hope College crest implanted in the center.
HONORS AND AWARDS

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 BIBLICAL AWARDS — Cash awards to senior students who have exhibited superior ability in the field of Biblical study.

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 donated by the chairperson and faculty.

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.

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, in the judgment of the faculty, has demonstrated outstanding performance in pre-nursing courses in the past two years and will begin the nursing major. The award is a stethoscope donated by the Hope-Calvin Student Nurses’ Association.

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 Stegena 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 Stegena’s deep love of sports and his deeper love and Christian concern for those who played on both sides.

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.
HONORS AND AWARDS

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.

THEATRE DEPARTMENT AWARDS — The Theatre Department Awards, cash awards of $50, are 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.

THEATRE DEPARTMENT SENIOR PRIZE — The Theatre Department 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 established by Peter '65 and Judith Theune in honor of their son Michael Theune '92, to recognize one or more outstanding students with preference given to students majoring in philosophy and/or English.

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.

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 judgement of the chemistry faculty, has demonstrated outstanding performance in biochemistry. The cash award is $100. Donors of the award wish to remain anonymous.

UNDERGRADUATE AWARD FOR ACHIEVEMENT IN ORGANIC CHEMISTRY — This award is sponsored by the American Chemical Society. It is presented to a student who has demonstrated outstanding performance in organic chemistry. The prize is a computer disk for the course, “Introduction to Polymer Chemistry.”

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.

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.
HONORS AND AWARDS

OTTO VAN DER VELDE ALL CAMPUS AWARD — A gold medal to the senior man chosen for his outstanding contribution to the college in athletics, scholarship and participation in student activities.

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.

MIRIAM JOYCE VAN EYL AWARD — A golden pendant 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.

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 Political Science Department, who was a fine scholar and a United States Diplomat.

GENE VAN TAMELEN PRIZE FOR CREATIVITY IN THE SCIENCES — To recognize extraordinary creativity in any area of the generally accepted pure or applied physical sciences, including but not necessarily restricted to astronomy, biology, chemistry, computer sciences, geology, physics, and mathematics. Such creativity would be demonstrated by original scholarly contributions, including the design and execution of the work, as well as a description of results and conclusions, all of which are disclosed in a publication or comprehensive report or treatise worthy of publication in a reputable scientific journal.

MARY VAN TAMELEN PRIZE FOR CREATIVITY IN THE ARTS — To recognize extraordinary creativity in any area of general arts, including literature, music, theatre, fine arts, film, or television. Such creativity would be demonstrated by original work worthy of critical acclaim in the larger world, appearing in print, or in any other medium.

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 during his or her first two years at Hope College.

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 economics and business administration faculty.

DONALD WEENER MEMORIAL AWARD — A fund to provide piano scholarships in the Music Department for deserving students. Funded by friends and family in loving memory of Donald Weener.

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.
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.

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.

ASSISTANTSHIPS

CHEMISTRY ASSISTANTSHIPS — A limited number of teaching assistantships and research assistantships are available to highly qualified students. See department chairperson for information.

FRENCH SCHOLARSHIP 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 SCHOLARSHIP 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.

PHYSICS ASSISTANTSHIPS — Full-time summer research assistantships are available to students on the basis of ability.

SPANISH SCHOLARSHIP 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.

GRADUATE FELLOWSHIPS

GENERAL ELECTRIC FOUNDATION GRADUATE FELLOWSHIP — The General Electric Foundation Graduate Fellowship is offered by the General Electric Foundation to an outstanding Hope senior who intends to pursue an academic career in engineering, computer science, or physical science. The fellowship pays tuition and fees plus a generous stipend for the first year of graduate study at an institution of the student’s choice. Nominations are made by Hope academic departments and the final selection of the fellowship recipient is made by a faculty committee chaired by the Dean for Natural Sciences.

FELLOWSHIP NOMINATIONS

MICHIGAN COLLEGE SCHOLARSHIP — Hope College annually nominates an outstanding member of the graduating class to be the recipient of this scholarship award for graduate study in the School of Business Administration at the University of Michigan.
FINANCIAL AID DEADLINES FOR PRIORITY CONSIDERATION

Students should apply for admission and submit the Free Application for Federal Student Aid (FAFSA) and the CSS PROFILE Application by the following dates:

<table>
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<th>Fall Semester</th>
<th>Spring Semester</th>
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<td>1. Freshmen by February 15</td>
<td>1. Freshmen: Dec. 1</td>
</tr>
<tr>
<td>2. Transfers/Upperclassmen by March 15</td>
<td>2. Transfers: Dec. 1</td>
</tr>
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MERIT-BASED SCHOLARSHIP DEADLINES

- January 20, 1998 Trustee Scholarship
- February 15, 1998 All Other Academic Merit Scholarships
- February 20, 1998 Fine Arts Audition Day

CAMPUS VISITATION DAYS FOR HIGH SCHOOL STUDENTS & PARENTS

| Friday, October 3, 1997 | Monday, January 19, 1998 |
| Friday, October 24, 1997| Friday, February 6, 1998 |
| Friday, November 7, 1997| Friday, February 20, 1998|
| Friday, November 21, 1997| Friday, March 6, 1998    |

- JUNIOR DAYS: Friday, April 3, 1998 Wednesday, April 8, 1998

NATIONAL TESTING DEADLINES

**ACT** — For information see your high school guidance counselor.

<table>
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<th>Hope College Code Number is 2012</th>
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<tr>
<td>October 25, 1997</td>
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<td>December 13, 1997</td>
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<tr>
<td>April 4, 1998</td>
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<tr>
<td>June 13, 1998</td>
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**SAT** — For information see your high school guidance counselor.

<table>
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<th>Hope College Code Number is 1301</th>
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<tr>
<td>October 4, 1997</td>
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<tr>
<td>November 1, 1997</td>
</tr>
<tr>
<td>December 6, 1997</td>
</tr>
<tr>
<td>January 24, 1998</td>
</tr>
<tr>
<td>March 28, 1998 (SAT I only)</td>
</tr>
<tr>
<td>May 2, 1998</td>
</tr>
<tr>
<td>June 6, 1998</td>
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</tbody>
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**PSAT** — For information see your high school guidance counselor.

<table>
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<td>Tuesday, October 14, 1997</td>
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<tr>
<td>Saturday, October 18, 1997</td>
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DEPOSIT DEADLINES

- Freshmen: $300 by May 1
- Transfers: $300 by May 1
- These deposits are not refundable after May 1.
## HOPE COLLEGE CALENDAR 1997-98

### Fall Semester (1997)
- **August 21-22, Thurs.-Fri.**
  - Faculty Conference
- **August 22, Friday**
  - Residence Halls Open for New Students, 10 a.m.
- **August 22, Friday**
  - New Student Orientation Begins
- **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 25, Monday**
  - Late Registration 3:30-4:30 p.m., Maas Auditorium
- **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**
  - Critical Issues Symposium (Day Classes on Wednesday, Oct. 1, not in session. Evening Classes do meet on Sept. 30 and Oct. 1)
- **October 10, Friday**
  - Fall Recess Begins, 6 p.m.
- **October 15, Wednesday**
  - Mid-Term Grades Due in Registrar's Office, 4 p.m.
- **October 18, Saturday**
  - Homecoming
- **October 31, Friday**
  - Last Day to Withdraw from Courses with a “W” Grade or Pass/Fail a Course
- **November 7-9, Fri.-Sun.**
  - Parents' Weekend
- **November 17-21, Mon.-Fri.**
  - Registration for Spring Semester 1998
- **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, Friday**
  - Incompletes from the First Semester not made up become an “F”

### Spring Semester (1998)
- **January 4, Sunday**
  - Residence Halls Open, Noon
- **January 5, Monday**
  - Registration for New Students, 3:30-4:30 p.m., DeWitt Lounge
- **January 6, Tuesday**
  - Classes Begin, 8 a.m.
- **January 14, Wednesday**
  - Last Day to Enroll for Credit; Last Day to Drop Courses
- **February 13, Friday**
  - Winter Recess Begins, 8 a.m.
- **February 18, Wednesday**
  - Winter Recess Ends, 8 a.m.
- **February 25, Wednesday**
  - Mid-Term Grades Due in Registrar’s Office, 4 p.m.
- **March 20, Friday**
  - Last Day to Withdraw from Courses with a “W” Grade or Pass/Fail a Course
- **March 30, Monday**
  - Spring Recess Begins, 8 a.m.
- **April 10, Friday**
  - Spring Recess Ends, 8 a.m.
- **April 13-17, Mon.-Fri.**
  - Good Friday - Classes not in session, but not an official holiday
- **April 23, Thursday**
  - Registration for Fall Semester 1998-99
- **April 24, Friday**
  - Honors Convocation, Dimnent Chapel, 8 p.m.
- **April 27-May 1, Mon.-Fri.**
  - Spring Festival; Classes Dismissed at 1 p.m.
- **May 1, Friday**
  - Semester Examinations
- **May 2, Saturday**
  - Residence Halls close for those not participating in Commencement, 5 p.m.
- **May 3, Sunday**
  - Alumni Day
- **May 3, Sunday**
  - Baccalaureate and Commencement
- **May 6, Wednesday**
  - Residence Halls Close for graduating seniors, 7 p.m.
- **June 6, Friday**
  - Final Grades Due in Registrar’s Office, 5 p.m.
- **June 19, Friday**
  - Incompletes from the Second Semester not made up become an “F”

### May Term (1998)
- **May 4, Monday**
  - Registration & Payment of Fees, 9-10 a.m., DeWitt Lounge
- **May 4, Monday**
  - Classes Begin at 1 p.m.
- **May 22, Friday**
  - May Term Ends

### June Term (1998)
- **May 26, Tuesday**
  - Registration & Payment of Fees, 9-10 a.m., DeWitt Lounge
- **May 26, Tuesday**
  - Classes Begin at 1 p.m.
- **June 1, Monday**
  - Extra half-day session to compensate for Memorial Day holiday
- **June 8, Monday**
  - Extra half-day session to compensate for Memorial Day holiday
- **June 12, Friday**
  - June Term Ends

### Summer Session (1998)
- **June 15, Monday**
  - Registration & Payment of Fees, 9-10 a.m., DeWitt Lounge
- **June 15, Monday**
  - Classes Begin (abbreviated schedule)
- **July 24, Friday**
  - Summer Session Ends

### Summer Seminars (1998)
- **July 27-31, Mon.-Fri.**
  - Summer Seminars

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360
Hope’s student body is comprised of 2,849 men and women, representing 41 states and 31 foreign countries. Approximately 91 percent are from Midwestern states, 4 percent from the East, and 5 percent from the West, South, and foreign nations.

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<tr>
<th></th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
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<tbody>
<tr>
<td>Freshmen</td>
<td>300</td>
<td>433</td>
<td>733</td>
</tr>
<tr>
<td>Sophomores</td>
<td>289</td>
<td>416</td>
<td>705</td>
</tr>
<tr>
<td>Juniors</td>
<td>268</td>
<td>364</td>
<td>632</td>
</tr>
<tr>
<td>Seniors</td>
<td>272</td>
<td>349</td>
<td>621</td>
</tr>
<tr>
<td>Specials</td>
<td>60</td>
<td>98</td>
<td>158</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,189</td>
<td>1,660</td>
<td>2,849</td>
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**GEOGRAPHICAL DISTRIBUTION OF STUDENTS**

Foreign Countries Represented:

- Australia
- Austria
- Bulgaria
- Canada
- Croatia
- Denmark
- Ecuador
- Ethiopia
- France
- Germany
- India
- Jamaica
- Japan
- Jordan
- Kenya
- Korea
- Kuwait
- Mexico
- Norway
- Pakistan
- Peru
- Poland
- Russia
- Singapore
- South Africa
- Spain
- Taiwan
- Turkey
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- Vietnam
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- Yugoslavia
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