1964


Hope College
Directions for Correspondence

The address of the college is:
Hope College
Holland, Michigan

Concerning college policies and administration, address:
The President.

Concerning admissions, fees, scholarships, requests for
literature, address: The Office of Admissions.

Concerning the welfare of women students and women's
housing, address: The Office of the Dean of Women.

Concerning the welfare of men students and men's hous-
ing, address: The Office of the Dean of Men.

Concerning transcripts of records, address: The Office
of the Recorder.

Concerning payment of fees or transaction of business
in connection with student accounts, address: The
Office of the Treasurer.

Visiting the Campus

A cordial welcome is extended to prospective students
and their parents to visit the campus. Please inform
the Admissions Office when you plan to come so that
arrangements may be made for your visit. The
Admissions Office is located in room 101 of Van
Raalte Hall and is open daily from 8 a.m. until 5
p.m., on Saturday from 8 a.m. until noon.
### 1964

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**1964**

- September 12: Dormitories open for Freshmen—1:00 p.m.
- September 14: Freshmen Orientation begins; dormitories open for Upper Classmen
- September 15: Upper Class Registration
- September 17: Formal Convocation—9:00 a.m.
- November 25: Thanksgiving Recess begins—5:00 p.m.
- November 30: Thanksgiving Recess ends—8:00 a.m.
- December 18: Christmas Recess begins—2:00 p.m.

**1965**

- January 5: Christmas Recess ends—8:00 a.m.
- January 25-29: Semester Examinations
- February 1: New Student Registration
- February 2: Final Registration Second Semester
- February 3: Second Semester classes begin—8:00 a.m.
- March 26: Spring Recess begins—5:00 p.m.
- April 6: Spring Recess ends—8:00 a.m.
- April 16: Good Friday; classes dismissed at 12:20 p.m.
- May 31 - June 4: Semester Examinations
- June 5: Alumni Convocation—6:30 p.m.
- June 6: Baccalaureate Convocation—2:30 p.m.
- June 7: Commencement Convocation—10:00 a.m.
SECTION I

The College
SECTION I - A

General Information

HISTORY AND ORGANIZATION . . . . 5
NATURE AND PURPOSES . . . . . 6
ACADEMIC AFFILIATIONS . . . . . 7
COLLEGE REGULATIONS . . . . . 8
CAMPUS MAP . . . . . . . . . . 9
CAMPUS AND BUILDINGS . . . . . 10
SPECIAL SERVICES . . . . . . . . 14
STUDENT ACTIVITIES . . . . . . 17
ADMISSION TO THE COLLEGE . . . . 22
STUDENT EXPENSES — 1964-65 . . . . 24
FINANCIAL AID TO STUDENTS . . . . 25
History and Organization

In 1848 the General Synod of the Reformed Church in America approved the recommendation of the Special Committee on the State of the Church which urged that “an institution of high order for classical and theological instruction under our patronage as long as necessary be established.” One year before this a party of religious immigrants had settled in the wilderness on Black Lake and had founded the town of Holland. Under the leadership of Reverend A. C. Van Raalte the plans for an educational institution were soon realized. In 1851 an academy was established under the principalship of Walter T. Taylor.

To the first report of Principal Taylor to the General Synod was appended a statement by Reverend Van Raalte, containing the sentence, “This is my anchor of Hope for this people in the future.” This statement, as simple as it is felicitous, gave the name Hope College to the institution and led to the selection of the anchor as its seal. At first the academy provided instruction only at the secondary level, and the plan of collegiate education was not put into action until 1862, when the first freshman class was organized. In 1866 Hope College was incorporated and Rev. Philip Phelps, D.D., was inaugurated as the first President. In that same year the first class of eight was graduated.

There have been eight presidents of Hope College as follows: Philip Phelps (1866-1878), (Provisional Presidents — Giles H. Mandeville, 1878-1880, Charles Scott, 1880-1885) Charles Scott (1885-1893), Gerrit J. Kollen (1893-1911), Ame Vennema (1911-1918), Edward D. Dimment (1918-1931), Wynard Wichers (1931-1945), Irwin J. Lubbers (1945-1963), Calvin VanderWerf (1963——).

The governing body of Hope College is the Board of Trustees consisting of fifty-six members including the President of the College and the Executive Secretary of the Board of Education of the Reformed Church in America. The members are elected as follows: nine each by the General Synod and the Particular Synod of Michigan; six each by the Particular Synods of Albany, Chicago, Iowa, New Jersey and New York; six at large by the Board of Trustees. Three of the trustees at large may be nominated by the Alumni Association. The trustees hold office for six years and are the incorporated body under which the college operates.
Nature and Purposes

Hope College is a Christian church-related liberal arts undergraduate college. This is both a descriptive statement and a statement of an ideal toward which the college program points.

The college program is concerned with the development of persons who are increasingly creative, competent, and responsible members of the world of which they are a part and who are achieving a clearer and more consistent set of values and beliefs that provide direction for their lives. This is the aim of truly liberal education. The Christian religion with its view of God and man and its precepts that point to the nature of man's proper relationships provides both the basic assumptions upon which the program and the practices of the college rest and the clearest picture of the qualities of person that forms the goal of the college program. The motto of the college, "Spera in Deo—Hope thou in God," underscores the basic belief of the college that religion is central to all true education.

At the same time, Hope College is an institution with a particular role. Conceived as an institution of higher learning, it considers its special task, as a college, to be the development of the intellect. Although the college experience is and should be much more, it should first of all be a period for the mind's adventure.

Keeping in mind, then, the ideal Christian personality, the nature of the twentieth century society of which he is a part, and the background of experience and learning of students entering college, the college seeks, through its total program, curricular and co-curricular, to help the student:—

1. Refine and deepen his religious convictions.

2. Clarify his ethical principles and bring his actions constantly more in harmony with these principles.

3. Increase his power of comprehension in word, in number, and in other representative and pictorial media which have been the means of recording the heritage of the past.

4. Develop his powers of expression, primarily in his native language, but secondarily in other verbal or non-verbal media.
Nature and Purposes

5. Increase his skill in and develop the habit of sound reflective thinking in facing the problems in all areas of living.

6. Increase his powers of appreciating beauty, wherever it is to be found.

7. Develop his skill in maintaining his physical and mental health.

8. Strengthen his sense of socio-civic responsibility and increase his competence in meeting and solving the problems of his society at all levels, from the local to the world community.

9. Develop his ability to carry out his duties and responsibilities in the household unit of which he is a part.

10. Increase his vocational competency.

From the beginning of its history, Hope College has sought to promote such objectives through a four-year program of instruction leading to a bachelor of arts degree. Founded and maintained by the members of the Reformed Church in America, a Protestant denomination, its doors are open to all young people who believe in its general aims and purposes, and who meet the academic standards for admission.

Academic Affiliations

Hope College is accredited by the North Central Association of Colleges and Secondary Schools, the National Council for Accreditation of Teacher Education, the American Association of University Women, the American Chemical Society, and, as an associate member by the National Association of Schools of Music. It maintains membership in the American Council on Education, the Association of American Colleges, the American Association of Colleges for Teacher Education, and the Michigan College Association.

In 1961, Hope College participated in the organization of the Great Lakes Colleges Association. The association, consisting of twelve liberal arts colleges in the states of Indiana, Ohio and Michigan, is designed to promote extensive cooperation for strengthening the educational programs of the member institutions. The other colleges in the association are Albion, Antioch, Denison, De Pauw, Earlham, Kalamazoo, Kenyon, Oberlin, Ohio Wesleyan, Wabash and Wooster.
College Regulations

A student's application for admittance to Hope College implies his acceptance of the purposes and regulations of the college, and his readiness to conduct his social and academic activities in harmony with the principles and rules of the college. The college reserves the right to require the withdrawal of any student at any time if the general welfare, in its opinion, seems to demand such action.

The following basic regulations of the college are designed to contribute to the welfare of each student and of the college as a whole.

1. Devotional services in the Dimnent Memorial Chapel are held each school day. These services minister to the spiritual growth of the student and serve as a unifying force among the student body. Each student is encouraged to attend services each morning and is required to attend a minimum of two of these devotional periods per week.

2. Students are expected to attend public worship each Sunday at churches of their choice.

3. The college prohibits the use of alcoholic beverages by all students in attendance at the college. Gambling and hazing are also prohibited. Offending students are subject to discipline.

4. The college discourages the use of tobacco by women students.

5. All men and women students not residing in Holland or living, by consent of the Dean of Women or Dean of Men, with near relatives are required to room in the college residence halls.

6. Students living in college residence halls who contemplate marriage during the school year must report these intentions to the Dean of Men or Women in advance.

7. Social dancing at Hope College is regulated in accordance with a ruling of the Board of Trustees and Student Life Committee of the college.

8. Non-commuting freshmen are not permitted to operate motor vehicles in the city of Holland during the college year. In cases where this works a real hardship, the Dean of Men may make an exception upon the written request of parents.

9. All college students who own or operate motor vehicles in Holland during the college year must register all such vehicles with the Dean of Men.
Campus and Buildings

Location
Hope College is located in Holland, a city of twenty-five thousand in the western part of Michigan on Lake Macatawa, which is a bay of Lake Michigan. The Chesapeake and Ohio Railroad affords direct connection with leading cities east and west. Grand Rapids is located twenty-five miles northeast and is reached by the Chesapeake and Ohio Railroad and motor bus lines. The Grand Rapids airport serves the Holland area. Chicago is 150 miles to the southwest. Holland is in the heart of Michigan’s fruit and summer-resort belt.

Campus
The main college campus of twenty-five acres contains all the academic buildings and residence halls. The Van Raalte campus, two and one-half blocks east of the campus, contains the athletic fields of the college. It is the site of the original home of Dr. Albertus Van Raalte, founder of the city of Holland and of Hope College. A portion of this campus was a gift of William B. Eerdmans to Hope College in 1947.

Chapel
The Dimnent Memorial Chapel was dedicated in 1929. A large and imposing gothic structure, it is one of the beautiful college chapels in the country. It has sixteen stained glass memorial windows and a four-manual Skinner organ. On the ground floor are five classrooms used chiefly by the religion and philosophy departments, the office of the College Pastor, and a number of faculty offices.

Classroom Buildings

VAN RAALTE MEMORIAL HALL
Van Raalte Memorial Hall contains twenty large classrooms and a number of faculty offices. The administration offices of the college occupy the main floor. Located on the ground floor are the Coffee Shop, lounges and the College (Blue Key) Book Store.

THE SCIENCE HALL
The Science Hall is a four-story brick building of modern design and construction erected in 1941. It accommodates the biology, chemistry and physics departmental programs, the dramatics program, and a portion of the facilities of the Art Department.

NYKERK HALL OF MUSIC
The Nykerk Hall of Music, which includes Snow Auditorium, was open for use in September of 1956. It provides all modern facilities for the Music Department with the exception of organ. It has seven teaching studios, fourteen practice rooms, two classrooms, office, record library, three listening rooms and an auditorium seating 200 persons. This auditorium is used as band and orchestra rehearsal room.

GRAVES HALL
Graves Hall, originally built in 1894 to house the chapel and the library as well as several classrooms, was completely remodeled in 1962. The main and second floors now serve as the Language Center and contain six classrooms, the Winants Auditorium, which is a lecture
Campus and Buildings

hall seating 225, faculty offices, a conference room, and a language laboratory equipped with 72 stations for foreign language study. The major portion of the ground floor is a Student Center. It includes the Henry Schoon Meditation Chapel, a student assembly room, a student lounge, and offices of various organizations such as Student Publications, Student Council, International Relations Club, Alpha Phi Omega and Student Christian Association. The remainder of this floor contains four practice organ rooms, the office of the Professor of Organ and the Office of Public Relations.

VAN ZOEREN LIBRARY

The Van Zoeren Library, a gift of Dr. G. John Van Zoeren, opened in the fall of 1961 and replaced the antiquated facilities of Graves-Winants Library.

The new library has excellent facilities to meet the needs of expanding enrollment and the ever-increasing size of its collection. At present the three floors of the library hold approximately 75,000 volumes.

Each of the floors is organized for maximum study effectiveness. On the main floor are the library offices, work rooms, circulation desk, card catalog, reference shelves, periodicals, reserve books and shelves of new books.

The mezzanine floor holds volumes of Fine Arts, Literature and History. Also on this floor are seminar rooms, staff and student lounges, and the well-appointed Van Zoeren Room.

On the ground floor are the Carley Room, with its theatre seating for film viewing, student typing room, microfilm room, the Education Department's curriculum library, and the Archives — as well as a large portion of the book collection.

PHYSICS-MATHEMATICS BUILDING

Completed in the summer of 1964, the Physics-Mathematics Building is the newest academic building to be built on the Hope College campus. The new facility is located directly west of the Van Zoeren Library on Graves Place between College and Central Avenues.

Two lecture halls are joined to the main portion of the building by glass enclosed lobby.

The ground floor of the building houses a mechanical drawing room, radiation laboratory, dark room, storage rooms and mechanical equipment rooms. The first floor includes a receiving room, reading room, storage room, two general physics laboratories, one advanced physics laboratory, four project rooms and lavatory facilities. The second floor has twelve faculty offices, a conference room, an electronics laboratory, five classrooms, four smaller laboratories and lavatory facilities.

GREENHOUSE

Located directly behind the Science Hall, the Greenhouse houses plants and animals used by the Biology Department.
Campus and Buildings

PSYCHOLOGY CENTER
The offices for the staff are in Shields Cottage on the corner of 12th Street and College Avenue. The building contains a number of additional facilities. The offices for psychological counseling services are found here.

On the ground floor are the psychological laboratories used for instructional purposes, a workshop, storeroom, animal room, and a small seminar room, as well as experimental rooms in which students learn laboratory procedures. On the second floor is a room for group experimentation with an adjoining observation room. Also on this floor is a seminar room.

Physical Education Facilities
CARNegie GYMNASIUM
Carnegie Gymnasium provides the facilities for the Physical Education Department and the offices and training and equipment rooms for the intramural and intercollegiate sports program. In addition to the playing floor and locker and shower rooms, there are two handball courts, faculty offices and several smaller rooms for corrective exercise. The building was completely remodeled in 1954.

The football fields, baseball and softball diamonds and rubber asphalt running track are located on the Van Raalte campus. These facilities were developed in 1961-62.

Other Buildings
COLLEGE HEALTH CLINIC
College Health Clinic, 66 East Twelfth Street, contains the offices of the college physician and the college nurse. It also has three infirmary wards and offers medical care to all Hope students.

BOYD COTTAGE
Boyd Cottage, located at 103 East Tenth Street, is the headquarters for the Dean of Women.

Women’s Residence Halls
Women students who are not residing at home are expected to live in residence halls on the campus. Exceptions to this rule are made only with the approval of the Dean of Women and the President. All women’s residence halls are under the general supervision of the Dean of Women.

VAN VLECK HALL
Van Vleck Hall, the historical first building on the campus, was rebuilt and remodeled in 1942. Rooms were given new furnishings in 1951; the lounge in 1958. It houses 40 students.

ELIZABETH R. VOORHEES HALL
Elizabeth R. Voorhees Hall, newly decorated and furnished in recent years, provides accommodations for approximately one hundred ten women. The Voorhees dining room has a capacity of one hundred sixty.

12
Winifred H. Durfee Hall is a residence hall, completed in the spring of 1950. It accommodates one hundred women and provides dining facilities for approximately one hundred sixty students in the dining hall.

Phelps Hall was completed in the spring of 1960. It accommodates one hundred sixty women and provides dining facilities for five hundred fifty students in the main dining room and for sixty in the Conference Room.

Columbia Hall was newly furnished and redecorated in 1957. It houses twenty-six women.

The newest of the women's residence halls is Gilmore Hall completed in the summer of 1963. It accommodates 116 students in 58 double bedrooms.

The French House and the German House provide women proficient in these languages the opportunity to live and study in an environment where the language is spoken. Each residence is equipped with new furnishings and provides a special room for study.

Men's Housing

Hope College provides accommodations in residence halls for 550 non-commuting men students. All non-commuting men students are expected to live in campus housing units. Exceptions will be made only with approval of the Dean of Men and the President.

Gerrit John Kollen Hall, completed in 1956, accommodates 300 men in well-appointed study bedrooms, two men to a room. A large lounge and library on the first floor and smaller lounges on the two upper floors provide desired facilities for college living. A large recreation center on the ground floor provides ample opportunity for relaxation.

Men's Dormitory Complex

There are five men's dormitories managed by the five social fraternities on the campus. These residences bear the names of the fraternities — Arcadian Hall, Cosmopolitan Hall, Emersonian Hall, Fraternal Hall and Knickerbocker Hall. Each of these dormitories accommodates fifty men and has an apartment for a head resident on the main floor and recreational facilities on the ground floor. They are owned by the college and come under supervision of the Dean of Men.

Other Men's Residences

Other men's residences are Beck Cottage, Crispell Cottage, Mandeville Cottage, Dosker Cottage, Doesburg Cottage, and Taylor Cottage. These houses adjoin the campus and provide a homelike atmosphere for small groups.

Dining Halls

The college maintains three dining halls, one located in Voorhees Hall, one in Durfee Hall and one in Phelps Hall. All dining halls are open to both men and women. Meals are furnished at reasonable cost, under the supervision of the Slater Food Service. Breakfast and luncheon are served cafeteria-style while dinner is served family-style.
Special Services

Counseling Service

Hope College maintains a pre-college and college counseling program that aims at helping each student clarify his academic, personal, and vocational interests and problems from the time he considers applying for admission until he enters upon his field of professional service.

Pre-college counseling is in charge of the college Director of Admissions. Prospective students are invited to visit or write his office relative to their college and vocational planning. Whenever desired or deemed essential, personal interviews and aptitude testing are provided to assist the applicant in his academic and vocational decisions.

The college counseling program is under the direction of the Dean of Students. Each entering student is assigned to an experienced faculty adviser who assists him in becoming oriented to campus life and to the academic community. The adviser confers periodically with the student concerning his academic progress. He is the immediate source of help to whom the student may turn for discussion, academic and vocational problems.

Hope College also employs outstanding upperclass students as student advisers and resident advisers. These upperclassmen are trained to deal with student problems and are very helpful in aiding the student in adjusting to college life.

Initial faculty advising assignments are made at the beginning of the freshmen year and generally continue through the end of the sophomore year. At this point, the student is expected to select a major field of concentration. Upon approval of his application for a major the student is assigned to an adviser by the chairman of the major department. This person becomes the academic adviser for the junior and senior year.

The professional counseling services of the college consist of a counseling psychologist and a vocation counselor. Students who have personal-social problems or problems in selecting a vocation are encouraged to see one of these two professionally trained counselors.

Problems of a less severe and more specialized nature may be taken to the following members of the Hope College staff:

- Academic — Mr. Vander Lugt, Dean of the Faculty
  Mr. Hollenbach, Vice President
- Campus Employment — Business Manager
- Financial — Scholarships: Mr. Kleis, Chairman of the Committee
  Loans: Mr. Steffens, College Treasurer
- Health — Dr. Vander Velde, College Physician
- Personal — Mrs. Van Eenenaam, Dean of Women; Mr. Harvey, Dean of Students; Mr. Hilmert, Dean of Men; Mr. Granberg, Psychologist
- Reading — Mrs. Schoon, Director of Reading Center
- Religious — Mr. Cook, College Pastor
- Teacher Placement — Mr. Vanderborgh, Mr. Ver Beek
- Placement — Mr. Hilmert, Dean of Men
- Vocational Counseling — Mr. Harvey, Dean of Students, Vocational Counselor
Special Services

Health Service

Clinic and infirmary care is offered to every enrolled student and staff member of Hope College in the Student Health Clinic. The Clinic staff consists of the college physician, Dr. Otto Vander Velde and a full-time Registered nurse who is in charge of the health service; part-time graduate nurses; and a housekeeper. The physician's hours are from 9:00 to 11:00 A.M., Monday through Friday, and a nurse is on duty or on call at all times. The college physician is on call also at all times.

Free clinic service consists of an examination by the physician when a student reports for illness, and the administration of ordinary medicines. A small fee is charged for special drugs such as penicillin, etc. Fees for other physicians called in for consultation, major surgery, casts, hospitalization or x-rays — all of which are cared for at the Holland City Hospital — must be paid for by the student.

Infirmary care at $1.00 per day is provided for all students needing bedside care. Sick students do not remain in the dormitories but are required to enter the infirmary, which has three pleasant rooms furnished with eight hospital beds and other hospital equipment. There is no additional charge for meals to students holding a dormitory meal ticket. Michigan Blue Cross covers infirmary bed care for its policy holders. Parents are notified by infirmary authorities whenever a student is considered to be seriously ill or when surgery is advised.

Reading Center

In order to aid students who have special difficulties in reading, a Reading Center has been established under the direction of Mrs. Helen V. Schoon. Any student desiring help in diagnosing his reading problems and in remedial practice may use this service. Advisers and instructors may refer students to the Center for help. Any student wishing to improve his reading skills, even though he has no special difficulty, may also use the facilities of the Center. The Reading Center is located in Van Raalte 204.

Placement Service

Hope College offers vocational placement service to senior students and in a limited degree to alumni.

The Bureau of Teacher Placement is directed by Professor Garrett VanderBorgh, Chairman of the Education Department. This Bureau collects the information and credentials of those desiring the service and makes them available to interested school administrators. Where possible, administrators are invited to the college campus for interviews with the teaching candidates.

The Vocational Placement Office, under the direction of Mr. Hilmert, serves as a clearing house for information on openings in business, government service, and social agencies. It arranges interviews between interested seniors and representatives from these fields. Also handled through this office are arrangements involving part-time off-campus jobs and summer jobs.
Special Services

The Development Office

In view of the growing need for more adequate facilities for the expansion of the college program an office of development has been established. Among the immediate activities conducted by this office is a campaign for Capital Funds to be used in the construction of a new facility to house the Physics and Mathematics departments.

Continuing a program begun four years ago among the business and industrial and Alumni communities, the present emphasis is addressed to the several churches supporting the college. This approach is made with the denominational plan for capital needs. Expansion plans at the college are proceeding according to a self-study which seeks to anticipate the needs for the next decade.

Alumni Office

The Hope College Alumni Office acts as a center to promote good relations between the college and her 10,000 graduates and former students throughout the world.

The Alumni Magazine, published quarterly, is the organ of the Alumni Association, and the chief medium of communication between the college and the alumni. The Association, through the Alumni Office, sponsors activities on the campus during Homecoming in October and Commencement week in June.

This office also acts as a coordinator for the several Hope College Clubs in the nation. Active clubs are located in Albany, New York City and Rochester in New York State; Chicago, Illinois; Detroit, Grand Rapids, Kalamazoo, Muskegon, Michigan; Cleveland, Ohio and Denver, Colorado. The Hope College men of science have organized as the Science Chapter which meets annually in various sections of the country. Athletic letter men are organized as the Hope College Alumni Varsity 'H' Club. Each club holds meetings for its membership in its respective area at intervals during the year.

The Board of Directors of the Alumni Association is composed of a representative from each Hope College Club and Chapter plus three directors at large. The board meets twice a year: Alumni Day in June, and Homecoming in October. See page 151 for the listing of the board members.

Public Relations Office

All publicity and public relations for the college are handled through the Public Relations office. This office releases to newspapers, radio and television, stories on those events that take place on the campus. It also keeps the student's home-town newspaper aware of his achievements at the college.

Besides publicity for the college, the office of Public Relations coordinates many other college functions: advertising and promotion, requests for information, provision of printed brochures and materials, and the publication of the "Hope College Newsletter," a quarterly paper which is sent to parents of students, ministers, schools and friends of the college.
Student Activities

Danforth Chapel Program
The Danforth Chapel Fund is an endowment of $25,000 established by the Danforth Foundation in memory of William H. Danforth to promote the spiritual life of Hope College students and faculty. The income is used to defray the expenses of the chapel program and of religious activities related to it.

Cultural Affairs
One of the most important student-faculty standing committees at Hope College is the Cultural Affairs Committee. Hope is a liberal arts college and the education it offers is liberal only when it makes the channel of human life deeper and broader; when it intensifies the grasp and reach of human experience. Since this goal must be emphasized both within and outside of the classroom, the Cultural Affairs Committee invites to the campus each academic year several outstanding lecturers and artists to speak to an all-college assembly or to specifically designated groups. The college also gives generous support to the Holland Community Concert Association in its endeavor to bring to the community cultural events which enrich both "town and gown."

Departmental Clubs
There are a number of organizations on the campus designed to offer students with similar academic interests the opportunity of meeting together for their mutual help and advancement. These clubs are open to all interested students.

Forensics and Dramatics
Speech extra-curricular activities include intercollegiate competition in all of the contests sponsored by the Michigan Intercollegiate Speech League (MISL), such as annual contests in extemporaneous speaking, group discussion, debate, oratory, and the Prose and Poetry Festival in interpretive reading. Local and state contests are also held in the oratorical and extemporaneous speaking events of the Intercollegiate Peace Association. Student representatives attend the provincial and national conventions of Pi Kappa Delta, forensic honorary fraternity.

Dramatic activities center in PALETTE AND MASQUE, a dramatic group which produces both one-act and full-length plays before campus and off-campus groups. A series of full-length plays, one-act plays, and a Children's Theatre production provide the basis for the annual dramatics program.

Honor Societies

Blue Key
Blue Key is a national honor fraternity made up of senior men chosen because of their individual academic attainments combined with their participation in student activities. Their purpose as a chapter is to aid the faculty in the furtherance of all worthwhile collegiate activities.

Mortar Board
Mortar Board is a national women's honor organization. The Hope Alcor chapter is composed of senior women selected on the basis of scholarship, leadership and service. Their purpose is to enrich the social and academic life on the campus.
**Student Activities**

**ALPHA EPSILON DELTA**
Alpha Epsilon Delta is an international honor society for premedical and predental students which encourages excellence in scholarship and an appreciation of the importance of premedical and predental education in preparing for the study of medicine and dentistry.

**ALPHA PHI OMEGA**
Alpha Phi Omega is a national service fraternity for college men. The Nu Beta chapter is located on the Hope campus.

**BETA BETA BETA**
Beta Beta Beta is a national honor fraternity for outstanding upper class students in the field of Biology. Eta Chapter is located at Hope.

**DELTA PHI ALPHA**
Delta Phi Alpha, Gamma Chi Chapter, is a national honorary fraternity in the field of German.

**ETA SIGMA PHI**
Eta Sigma Phi is a national honorary society of undergraduate college students of classical languages. Membership is by invitation and is conditioned upon an attained level of scholarship. The local chapter is known as Gamma Rho Chapter.

**PHI ALPHA THETA**
Phi Alpha Theta, Gamma Omicron Chapter, is a national honor fraternity for students in History. Members are elected on the basis of high scholastic attainment.

**PHI MU ALPHA SINFONIA**
Phi Mu Alpha Sinfonia is a national professional music fraternity for men who have demonstrated outstanding musicianship, scholarship, and value to the campus musical life. Iota Omega chapter is located at Hope College.

**PI DELTA PHI**
Pi Delta Phi, Gamma Mu Chapter, is the national French honorary society.

**PI EPSILON DELTA**
Pi Epsilon Delta, or National Collegiate Players, is a national honor fraternity open to upper class students who have given distinguished service in theatre work on the campus.

**PI KAPPA DELTA**
Pi Kappa Delta is a national honorary forensics fraternity, to which students who have made signal contributions in forensic activities are eligible. Gamma chapter is located at Hope College.

**Musical Organizations**
Students interested in music find abundant opportunity to gratify their desires through membership in one or more of the musical organizations.

**THE CHAPEL CHOIR**
The Chapel Choir, a mixed group of seventy voices, sings at morning chapel services and on special occasions. Each spring it makes an extensive concert tour. Membership in the Chancel Choir for a minimum period of one year is necessary before a student may audition for membership in the Chapel Choir.

**THE CHANCHEL CHOIR**
The Chancel Choir, open to all interested students, is trained in choral literature and sings on special occasions.
THE WOMEN'S AND MEN'S CHORUSES
The Women's and Men's Choruses, composed of the women and men of the Chapel Choir, are trained separately in programs of sacred and secular music and take short trips periodically in the Holland area.

THE HOPE COLLEGE ORATORIO CHORUS
The Hope College Oratorio Chorus, composed of the above organizations and augmented by other musically interested Hope College students and faculty, presents an oratorio annually, including Handel's "Messiah" on alternate years.

THE HOPE COLLEGE ORCHESTRA
The Hope College Orchestra, a symphonic organization of about seventy-five members, presents its own series of concerts with faculty and student soloists. Young People's concerts for children of the Holland area, accompaniment of the "Messiah," and appearances in other Western Michigan communities are included in its activities.

THE HOPE COLLEGE SYMPHONETTE
The Hope College Symphonette is an orchestra of about twenty-five members selected by audition from the membership of the regular orchestra. The group presents a series of Holland concerts and makes numerous out-of-town appearances including an extensive concert tour each Spring.

THE HOPE COLLEGE BAND
The Hope College Band offers the student an opportunity to play the best of band literature in rehearsal and perform it in concert. The Band gives a series of formal and out-door concerts on the campus and also performs out of town. Guest artists as well as qualified students appear as soloists. During the fall semester the Band entertains at football games.

THE HOPE STRING QUARTET
The Hope String Quartet and the Hope Wind Quintet are in-residence faculty ensembles which present a series of chamber music concerts. Other faculty members and visitors often participate as guest artists.

Publications
There are three major student publications on Hope's campus. The first is the Anchor, the college newspaper, which is published every week by a staff of students. The second is the Milestone, the college year book, edited and published by a staff chosen from the Junior class of the college. In addition to these, Opus, a literary magazine, is published annually.

Religious Organizations
The Student Christian Association is the student fellowship organized to develop Christian faith and life on campus. A Central Committee, elected by the students, directs the activities in cooperation with the Religious Life Committee.

In addition to regular meetings for spiritual development, the association sponsors the annual Geneva Retreat, the Spiritual Life Series, the Hope Mission Drive, and campus-wide social events. Christian service is emphasized and offered through chapel participation and through student teams to churches, youth groups, and other organizations.

The personal and social implications of faith in Jesus Christ as
Student Activities

Saviour and Lord is developed through the many prayer-study discussion groups on the campus.

Social Organizations
A number of social fraternities and sororities, all local, exist on the campus. Each of the women's societies has a separate club room in one of the women's residence halls. The fraternities each have a college-owned dormitory which serves as living quarters, a place for their meetings and a center for their activities.

Though the fraternities and sororities all have Greek letter titles they are best known on campus by other names. The names of the six sororities are Delphi, Dorian, Sorosis, Sibylline, Alpha Phi, and Kappa Chi. The five fraternities are Arcadian, Cosmopolitan, Emersonian, Fraternal and Knickerbocker. Both men and women are eligible to join these societies in the second semester of the freshmen year providing they have an adequate academic record. Transfer students may join during their first semester if they so desire.

A Pan Hellenic Board and an Interfraternity Council are the governing boards of these two groups of societies.

Student Government
A Student Senate of approximately thirty members is chosen annually by the students to represent the student body in the total college program. The president and vice-president are elected at a general spring election. The other members are chosen from the residence halls and eight are elected at large. The Dean of Students serves as adviser for the Senate. The Student Senate promotes student activities of all kinds, furthers the social program of the college, speaks for the student body on many matters and assists in forwarding the entire program of the college.

Student Court
A Student Court of six members plus a chief justice is appointed annually by the Student Senate president and confirmed by the membership of the Student Senate. Student Court members must be outstanding juniors or seniors and must have a grade point average of at least 2.8. The Student Court has the responsibility of dealing with students who are in violation of college regulations or are involved in any activities that are detrimental to the general welfare of the Hope College community. The institution of the Student Court has been an important step in helping students to accept the kind of responsibility for their peers that they must demonstrate to be adequate citizens in our society.

Association of Women Students
All college women are ipso facto members of this association. It is composed of two divisions: the Women's Council, which is the legislative and judiciary board, whose purpose is to establish and administer a representative form of government for women's residence halls whereby the best interest of women students shall be protected and served; and the Women's Activities Board, which carries out an activities program. A.W.S. promotes and maintains high standards and fosters cooperation and a spirit of service among the women students.

The Hope College A.W.S. is affiliated with the state organization and since 1960 has been a member of the Intercollegiate Association of Women Students.
Student Activities

Athletic Activities
Hope College is a member of the Michigan Intercollegiate Athletic Association, the other members of which are Adrian, Albion, Alma, Calvin, Kalamazoo and Olivet. The association is governed by a Board of Directors, to which each college sends three, a faculty director, the athletic director, and a student representative. A president of one of the member colleges serves in rotation as chairman of the Board of Directors. Hope College competes in all the intercollegiate sports of this association, namely: football, basketball, track, baseball, golf, tennis, and cross-country. All men are eligible to participate in these sports. In order to be eligible for intercollegiate competition, students must meet the academic eligibility requirements of the association.

In 1953, the faculty adopted the following statement describing the purposes and policies of the intercollegiate athletic program:

The program of intercollegiate athletics aims not only to teach physical skills but also to make a positive contribution to the whole education of the individual. The program promotes the maintenance of a high degree of physical efficiency, self-discipline, and character development, the stimulation of a wholesome college spirit, and the development of the sensory motor skills which will be beneficial throughout life. In addition, the types of group experiences provided are those which afford opportunities for socially acceptable and personally rewarding behavior.

The intercollegiate athletic program of Hope College is governed by the rules of the National Collegiate Athletic Association and the Michigan Intercollegiate Athletic Association.

The intercollegiate athletic program is under the direct supervision of the faculty athletic committee. This committee rules on all matters of policy, and reviews and approves all athletic schedules. These schedules are set up in such a way as to incur the least amount of absenteeism from classes. All decisions of this committee are subject to review by the faculty.

The financial control of the athletic program is similar to that in other departments of the college. Athletic funds are handled by the college Treasurer; athletic expenditures and receipts are included in the budget of the college.

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

The women's intramural sports program is sponsored by the Women's Athletic Association, open to all women students. The governing board consists of elected representatives from each class. Under this program those who wish may take part in volleyball, softball, basketball, badminton, tennis, bowling, ping pong, and other sports. Teams and tournaments are organized and awards are granted on the basis of participation. In addition to this regular program, those who show unusual interest and ability are given opportunities to represent Hope College in Play Days or athletic meets several times during the year with other colleges in the vicinity.

An extensive intramural program for men has been organized by the director of men's physical education under the sponsorship of the Interfraternity Council. Teams are organized on a class, dormitory, or society basis. The following sports open to all men students, are included: basketball, bowling, touch-football, table tennis, golf, volleyball, softball, tennis and track. Trophies are awarded for individual sports and an All Sports Trophy to the winning organization.
Admission to the College

General Information
Many persons tend to express interest in pre-college planning during the early years of the secondary (high school or academy) school program. Such young people if interested in Hope College at that time are encouraged to write to the college Director of Admissions for general information and for the brief preliminary application thus enabling his office to offer guidance in their initial planning for college.

Hope College encourages admission candidates to make final application any time following the completion of their junior year and preferably by early March of the senior year. Applicants who give evidence of fine achievement in the first six semesters of high school, inclusive of the ninth grade, can expect prompt approval of their applications for admission with the understanding that they are to conclude their senior year in a satisfactory manner.

A College Committee on Admissions meets approximately once a month during the school year to review and determine action on the completed applications received subsequent to any given meeting. The admission candidate can therefore expect a reasonably early response to his application. Final application forms are generally available at the high school offices or can be secured by writing to the Office of Admissions, Hope College, Holland, Michigan.

Hope College will consider for admission a limited number of students who desire to enter college at the beginning of the spring semester. Such applicants should submit their admission credentials not later than one month prior to the opening date of that semester.

The college provides a summer school each year. Students interested in enrolling in the summer session should write for application and information to the Director of the Summer School, Hope College, Holland, Michigan.

Procedure for Admission
A candidate’s eligibility for admission to Hope College is determined in terms of several factors — scope and quality of secondary academic achievement, aptitude test scores, recommendations, leadership qualities, interests and educational goal. Each applicant is directed to become better acquainted with the “Aims and Objectives” and “Regulations” of Hope College as stated in the catalog. It is the applicant’s responsibility to submit the following admission credentials:

The fully completed personal application form.
Official transcript of secondary school record.
Official transcript of college or university record if any.
One letter of character reference.
The $10 admission fee. This is to accompany the application and is not refundable.
The completed medical form. This will be mailed for completion with the acceptance letter.
The scores of the College Entrance Examination Board Scholastic Aptitude Test (SAT). This relates to Freshman applicants only unless specifically requested from a transfer applicant.
Admission to the College

To aid in college counseling, in effective class placement, and in admissions where additional criteria are deemed necessary, all prospective Freshmen are asked to take the College Entrance Examination Board Scholastic Aptitude Test (SAT) before entering college. Bulletins of information and applications to take the SAT are generally available at high school counseling offices or can be secured by writing to College Entrance Examination Board, Box 592, Princeton, New Jersey, or C.E.E.B., Box 1025, Berkeley 1, California, whichever office is nearer. The Scholastic Aptitude Test is administered at designated centers on five specific dates each year. The application to take the SAT with the accompanying fee should reach the appropriate office of the College Board no less than one month prior to the examination date selected by the applicant. Hope College encourages each Freshman applicant to take the SAT in the summer following the junior year or preferably in December or January of the senior year. This would enable the college office to receive the SAT scores sufficiently early for effective use.

Entrance Requirements for Freshmen

Hope College subscribes generally to the college entrance requirements as recommended by the Commission on Liberal Education of the Association of American Colleges. The association recommends the following minimal entrance requirements — four years of English, two years of Mathematics, two years of a foreign language, one year of a laboratory science and two years of social science.

The College will consider applicants for admission to the Freshman Class who:

1. Are graduates of accredited secondary schools.
2. Rank academically in the upper half of their senior class.
3. Present 16 or more units in secondary school subjects, a unit representing one school year achievement in a given subject. Graduates of three-year senior high schools should include units earned in the ninth grade in totaling the 16 or more units. A minimum of 11 of these 16 units should be in the following subjects: 4 units of English, 2 units of Mathematics, 2 units in a foreign language, 2 units in social studies (History, Government, etc.) and 1 unit in a laboratory science.

Admission with Advanced Standing

Advanced credit specifically for advanced placement will be granted to incoming Freshmen who while in high school or in summer school satisfactorily completed studies equivalent to college level courses. Adequate achievement in college level work taken in high school should be measured through Advanced Placement Examinations administered by the College Entrance Examination Board in May of each year. College departments in which credit for advanced placement is being requested exercise the right to determine the type and amount of advanced credit to be granted.

Admission of Transfer Students

Students who have completed academic courses at other institutions of recognized collegiate rank and of accredited status may be ad-
Admission to the College

mitted to Hope College with advanced standing. Such applicants must present to the Office of Admissions a transcript of work completed on the college level, a statement of honorable dismissal, and a letter of character reference. The college tends to discourage applications of transfer students who seek to complete graduation requirements in less than four semesters.

Hope College reserves the right to accept only such courses of advanced standing as comply with the requirements established for graduation. Not more than sixty-four semester hours will be allowed for junior college work.

Students of advanced standing from non-accredited colleges may be granted tentative admission on the basis of the nature of academic work completed, statement of honorable dismissal, letter of reference and/or examination.

Student Expenses 1964-1965

Fees

GENERAL SEMESTER FEES

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-all for boarding students</td>
<td>$850.00</td>
</tr>
<tr>
<td>(Tuition, room and board*)</td>
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</tr>
<tr>
<td>Tuition only</td>
<td>475.00</td>
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<tr>
<td>Board only*</td>
<td>225.00</td>
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<tr>
<td>Room only**</td>
<td>150.00</td>
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<tr>
<td>Tuition per semester hour above normal load of</td>
<td>30.00</td>
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<tr>
<td>sixteen semester hours***</td>
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</tr>
<tr>
<td>Tuition per semester hour for less than minimum load of twelve semester hours</td>
<td>40.00</td>
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SPECIAL FEES

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matriculation (paid by each student upon application for admission)</td>
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</tr>
<tr>
<td>Organic Chemistry Laboratory</td>
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<td>Laboratory for other science courses</td>
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</tr>
<tr>
<td>Applied music***</td>
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<tr>
<td>Organ — one thirty-minute lesson a week</td>
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</tr>
<tr>
<td>Piano, Voice, or Instrument — one thirty-minute lesson a week</td>
<td>45.00</td>
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<tr>
<td>Class Instruction in Voice, Piano, or instrument</td>
<td>22.50</td>
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<tr>
<td>Late registration</td>
<td>5.00</td>
</tr>
<tr>
<td>Diploma</td>
<td>10.00</td>
</tr>
</tbody>
</table>

* The college has the right to increase the board fees at any time it may find it necessary to do so.

** All rooms in college housing are contracted for the college year.

*** The fee for private or class music instruction shall be the only fee required of a student for that course, regardless of the number of semester hours constituting his full load.

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** All rooms in college housing are contracted for the college year.

*** The fee for private or class music instruction shall be the only fee required of a student for that course, regardless of the number of semester hours constituting his full load.
**Student Expenses 1964-1965**

### Bills and Refunds

All bills are due and payable at the beginning of the semester at the Office of the Treasurer, Van Raalte Hall.

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, in the expectation that a student registering in the fall will be remaining a full year. In the light of this principle, the policy for refunding money to students who withdraw from college during the course of a semester will be as follows:

1. Room deposits and charges are not refundable. No portion of a student's room rental will be refunded if the student leaves after he has registered for the semester.

2. Tuition refunds for students who withdraw from college or adjust schedules during the course of the semester will be computed from the beginning of the week of registration as follows:

   If the student is in attendance:
   - Less than two weeks: 80% refunded
   - Between two and three weeks: 60% refunded
   - Between three and four weeks: 40% refunded
   - Between four and five weeks: 20% refunded
   - Five weeks or more: none refunded

3. Board refunds for students withdrawing from college because of illness will be prorated. Students who for good reason are authorized to change boarding plans after registration will receive the following refund: $100 for those changing during the first nine weeks of the semester; no refund after the first nine weeks.

### Financial Aid to Students

Through the money that the college receives from gifts and the endowment fund, a sizeable part of the cost of every student's education at Hope College is underwritten. Every student attending Hope College, in effect then, receives an educational grant. However, the main burden of responsibility for financing a college education rests with the student and his family. Recognizing the gap between the cost of a good college education and the ability of some students and their families to meet the regular college fees, Hope College has established a three-fold student aid program. Through it, the college seeks to enable worthy students of serious purpose who wish to secure an education at Hope to do so. The program includes educational grants (scholarship and grants-in-aid), loans, and part-time employment.

In order to determine in the most equitable possible way the distribution of funds available for grants or loans, Hope College requires all students applying for a grant or loan to forward to it a copy of the Parents' Confidential Statement which is part of the College Scholarship Service described below. New students, that is
students applying for entrance into Hope College, should address all inquiries concerning educational grants and loans to the Office of Admissions. Such applications must be submitted by April 1 to receive consideration for the subsequent school year. Students already enrolled at Hope College should address inquiries concerning educational grants to the Chairman of the Educational Grants Committee, and concerning loans, to the Treasurer. Applications for such grants and loans must be submitted by May 1 to receive consideration for the subsequent school year.

The College Scholarship Service

Hope College is one of over five hundred colleges and universities who now participate in the College Scholarship Service in extending financial assistance to worthy students. This service publishes and distributes a Parents' Confidential Statement which is to be filled out by parents of all applicants for assistance in the participating colleges and universities. The parents indicate on this form such family information and financial data that are pertinent to their son's or daughter's application for financial aid. In so doing, the parents help the colleges in determining the family's financial strength and in making decisions that are fair both to the individual and to the student body.

The Parents' Confidential Statements are distributed through the secondary schools. A copy may be obtained by writing directly to the College Scholarship Service either at Box 176, Princeton, New Jersey, or Box 1025, Berkeley, California, whichever office is nearer. When completed by parents and student, the statement should be returned to the service center. For students applying under the Early Decision Plan, the deadline for filing the Parents' Confidential Statement is December 1; for other students, the deadline is April 1. The College Scholarship Service will evaluate and forward the Parents' Confidential Statement to the college(s) named on the blank. The cost of this service is $3.00 for the first copy and $2.00 for each additional copy requested.

Educational Grants

Educational grants are sums of money given to students who meet certain qualifications. The money is an outright gift. Most of these grants are awarded to students who have given evidence of leadership qualities, of financial need, and of superior intellectual ability through high academic achievement. Such grants are called scholarships.

In addition, certain limited funds have been established to aid students whose scholarly achievement, while adequate, does not reach the level required for a scholarship, but who for other reasons, chiefly financial need and leadership qualities, have been considered worthy of assistance. These awards are termed grants-in-aid.

Normally, scholarship awards made for a particular year will be continued in subsequent years as long as the student maintains an academic record at scholarship level (B average) and a record of good campus citizenship. Grants-in-aid are subject to annual review.
Financial Aid to Students

Funded Scholarships

JOHN H. RUMPH SCHOLARSHIP
A fund of $10,000, the income to provide scholarship aid for a worthy senior student in need of funds to complete his or her education. (Established by Mrs. Maude C. Rumph in memory of her husband.)

FRANCES H. VAN ZANDT SCHOLARSHIP
A fund of $5,000, the income to provide a scholarship for a worthy student preparing for the Christian ministry.

KATHRYN VAN GROUW SCHOLARSHIP
A fund of $500, the income to provide scholarship aid for a needy student who is preparing for full-time church work.

JOHN L. HOLLANDER SCHOLARSHIPS
A fund of $10,000, the income to provide scholarship aid for worthy students of good character who desire higher education leading to professions in the fields of law, economics, music or teaching. (Established by Mrs. Hollander in memory of her husband, Judge John L. Hollander.)

ESTELLE BROWNING McLEAN SCHOLARSHIPS
A fund of $10,000, the income to provide scholarship aid for worthy students. (Established by C. M. McLean, former member of the Hope College Board of Trustees.)

MARY BUSSING SCHOLARSHIPS
A fund of $50,000 from the estate of Miss Mary Bussing, the income to provide scholarship aid for students of ability, leadership and educational purpose.

JOHNSON-HENRICH SCHOLARSHIPS
A fund of $11,000, the income to provide scholarship aid to worthy students. (Established by Mr. and Mrs. Howard Johnson in memory of Mrs. Johnson's father, Frederick Henrich.)

EMERSONIAN MEMORIAL SCHOLARSHIP
A fund of $6,500, the income to provide scholarship aid to needy students of high moral character and Christian commitment. (Established by the Emersonian Alumni of Hope College.)

FRATERNAL ALUMNI SCHOLARSHIP
A fund of $5,000, the income to provide scholarship aid for worthy students.

AGNES ROSS SCHOLARSHIPS
A fund of $7,000, the income to provide scholarship aid for worthy students.

WALTER F. BANK ENDOWMENT FUND
A fund of $23,000, the income to provide scholarship aid for deserving students.

The Geneva Fund
The Geneva Fund is established to promote international understanding and world peace. Part of the income is used to provide scholarships to college students from countries outside the U.S.A. who show promise of becoming leaders in the application of the principles of the Christian religion in this area of human relations.
Financial Aid to Students

Designated Scholarships and Grants

A. GENERAL

MARBLE COLLEGIATE MEN'S LEAGUE SCHOLARSHIPS
Six $300 awards available to selected students of high ability and dedication to life purposes consistent with the goals of the Reformed Church in America. Three of these scholarships are specifically named: the Herman Halstead and the Earnest Shay Scholarships in memory of these church leaders, and the Norman Vincent Peale Scholarship, to be awarded to a young man preparing for the ministry.

THE DE WITT FOUNDATION SCHOLARSHIPS
Awards of $400 to be used as a scholarship aid for students who are the children of employees of the DeWitt Industries and subsidiaries as designated by the donor. The grant will continue for four years contingent upon good academic performance.

GENERAL MOTORS SCHOLARSHIP
A scholarship in amount dependent upon individual need ranging from $200 to $2,000, granted on the basis of competitive examinations administered by the college, to an entering freshman. This scholarship continues for four years, contingent on good academic performance. (For further information, contact the Director of Admissions.)

DETROIT EDISON SCHOLARSHIP
A scholarship to be awarded to an outstanding student applying for entrance into Hope College, toward expenses of the freshman year, the amount determined annually by the Detroit Edison Company.

CONSUMERS POWER COMPANY SCHOLARSHIP
A scholarship to be awarded to an outstanding student applying for entrance into Hope College, toward expenses of the freshman year, the amount determined annually by the Consumers Power Company.

BLUE KEY HONOR FRATERNITY SCHOLARSHIPS
Two awards of $200 to worthy students of high scholastic achievement as recommended by the members of the Blue Key Fraternity.

FIRST REFORMED CHURCH OF SCHENECTADY FOREIGN STUDENT SCHOLARSHIP
A $700 award to an upperclass foreign student. Criteria are a good academic record, a fine contribution to the life of the campus, and career plans to serve the people in his homeland.

ALVIN M. BENTLEY FOUNDATION SCHOLARSHIP
An award of $750 to an academically superior and financially needy freshman student who is a graduate of a Michigan high school.

B. CHEMISTRY

A number of corporations and foundations have granted funds to be used as scholarships for students who will make chemistry their profession. Awards are made on the basis of financial need and scholastic records, and range from $150 to $500. A "B" or better average is required for eligibility. Interested students should consult the chairman of the Chemistry Department for further information and scholarship blanks.

STANDARD OIL OF INDIANA GRANT
One $500 award to a student entering his senior year in the field of Chemistry.
Financial Aid to Students

**DOW CHEMICALS GRANT**
Three scholarships — one for a sophomore, one for a junior, and one for a senior — totaling $1,000, for Chemistry majors.

**DuPONT GRANT**
Awards totaling $1,000 for students majoring in Chemistry.

**JOHNSON FOUNDATION GRANT**
Awards totaling $1,000 for students majoring in Chemistry.

**LUBRIZOL CORPORATION GRANT**
A scholarship grant of $200 for a student majoring in Chemistry.

**C. EDUCATION**

**DuPONT GRANT**
Nine awards for summer study, open to upperclass students in Chemistry, Mathematics or Physics, to prepare for secondary teaching. The grant includes tuition and a $250 stipend.

**MICHIGAN EDUCATION ASSOCIATION SCHOLARSHIP**
This is an award of $500 based on merit and need granted to a Hope College education senior. The MEA grants one such scholarship to colleges in the state which are on the NCATE list.

**D. MUSIC**

**FRESHMAN MUSIC SCHOLARSHIPS**
Scholarships are awarded each year to entering freshmen in the applied music fields of Piano, Voice, Instrument and Organ. Scholarships are awarded on the basis of an audition held on either the last Saturday morning in February or the first Saturday morning in March of the preceding Spring, either in person or by means of a recording. Additional information can be secured by writing to the head of the Music Department.

**GRACE MARGUERITE BROWNING SCHOLARSHIP IN VOICE**
A scholarship awarded each year to the junior or senior music student who, in the opinion of the Music Faculty, has proved himself worthy of such a scholarship, under the following conditions:

a. He has been in residence at Hope College for two years.

b. He maintains a good general academic record during the year the scholarship is granted and does superior work in his applied music field. Failure to do so means immediate termination of the scholarship.

The scholarship is for one lesson per week throughout the year or two lessons per week for one semester. A student may receive the scholarship for one year only.

**CLARYCE ROZEBOOM MEMORIAL SCHOLARSHIP IN ORGAN**
A scholarship awarded to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.

**SCHOLARSHIP IN PIANO**
An award made to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.

**SCHOLARSHIP IN INSTRUMENTS**
An award made to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.
Financial Aid to Students

E. PSYCHOLOGY

CHRISTOPHER JAMES STRINGER MEMORIAL FUND
An award of $100 to a student entering his junior or senior year and majoring in psychology, as selected by the psychology department staff.

Hope College General Scholarships
A number of scholarships are granted by Hope College to applicants who give evidence of superior ability, better than average academic achievement, demonstrated leadership and financial need. These scholarships are continued as long as the student maintains a scholarship level academic record (B average) and a record of good campus citizenship.

Hope College Grants In Aid
Some limited funds are available to aid students who do not meet the scholastic requirements for scholarship awards but who for other reasons, chiefly financial need and leadership qualities, are considered worthy of financial assistance. These grants are for one year. Application for renewal must be made to the Chairman of the Educational Grants Committee by May 1 to be considered for the subsequent year.

Grants of Reformed Church Boards

BOARD OF DOMESTIC MISSIONS SCHOLARSHIPS
Two $200 scholarships are available to women students, members of the Reformed Church, who are planning to enter full-time Christian Service. The grants are renewable upon evidence of satisfactory progress. In addition, several $400 scholarships are available to persons from Annville, Kentucky and from Southern Normal High School, Brewton, Alabama, who are planning to enter full-time Christian service. Application must be made directly to the Board of Domestic Missions, 475 Riverside Drive, New York 27, New York.

BOARD OF BENEVOLENCE SCHOLARSHIPS
The Board of Benevolence, Reformed Church in America, was organized to assist young men and young women in preparation for definite Christian work in the Reformed Church in America. Students interested should write for the necessary blanks to the Secretary of the Board of Benevolence, in care of Hope College, Holland, Michigan.

BOARD OF EDUCATION SCHOLARSHIPS
The Board of Education of the Reformed Church in America assists needy college students who meet certain academic requirements and who are preparing for the Christian ministry. Students interested can secure information by writing to the Board of Education, RCA, 475 Riverside Drive, New York 27, New York, or to the college.

Loans
Loans are presently available to qualified students from five sources:

1. The Hope College Loan Service at the First National Bank of Holland makes short term loans to worthy students. Written applications for a loan must be made at the bank at least one month be-
Financial Aid to Students

fore the close of the semester in which the loan is to be used. At least one-fourth of the amount borrowed in any school year shall be repaid during the following summer. The interest rate is 6%.

2. The Henry Strong Educational Foundation provides funds to undergraduate Juniors and Seniors and to Sophomores in the upper one-third of their class. Interest at the rate of 3% begins to accrue at graduation and repayment is at a specified rate covering a period of four years after graduation. Application for a loan should be made to the College Treasurer.

3. The college is the recipient of loan funds under the terms of the National Defense Student Loan Act. All students in need are eligible with special consideration given to students with superior academic backgrounds who intend to teach in elementary or secondary schools or those whose academic backgrounds indicate superior capacity or preparation in science, mathematics, engineering or a modern foreign language. Application forms may be secured at the office of the College Treasurer.

4. The Michigan Higher Education Assistance Authority grants loans to needy students who are legal residents of Michigan and who are in good academic standing in the degree program. An amount of $15,000 has been allocated to Hope College. Loans are made through the student’s home bank at an interest rate not to exceed 6%. Application forms may be secured at the office of the Treasurer of Hope College.

5. Several other educational foundations have loan funds for students. Information is available at the Office of the Treasurer of the College. For example, the Hattie M. Strong Foundation provides loan funds up to $3,000 to Junior or Senior students interest free during college years. The Pickett and Hatcher Educational Fund grants loans to students at a 2% interest rate during the student’s college years and 4% thereafter.

Employment

Limited opportunities for part-time employment on campus and in the community exist for students who need to be partially self-supporting while at college. A Faculty Committee on Employment seeks to locate and assign part-time jobs to students most in need of self-help but cannot guarantee job assignments to all students applying. Campus employment is assigned in the spring and summer preceding the opening of each school year. Off-campus work is arranged with the employer after the students have completed registration for classes.

Students needing employment for a particular school year should file applications on the available Student Employment Application Forms. Returning students can obtain these at the College Business Office. New students should submit inquiries to the Director of Admissions.

The Faculty Committee on Employment recommends that a student whose academic record falls below a C average in a given semester should refrain from part-time employment until his academic record is re-established. If he must carry a considerable work program along with his studies, he is advised to reduce his academic load. New students are urged to adapt themselves academically to college study and campus life before attempting part-time employment.
SECTION I-B

The Academic Program

ACADEMIC SESSIONS ........................................ 33
THE DEGREE PROGRAM ......................................... 36
GENERAL ACADEMIC REGULATIONS ....................... 39
Academic Sessions

The Regular Session

The great majority of the curricular offerings are given in the two-semester regular session, beginning in September and ending in June. Classes are held Monday through Friday throughout the day, the first class beginning at 8:30 a.m. and the last (eighth) period ending at 4:50 p.m. The college calendar gives the exact dates of this session.

The Summer Session

Hope College offers a program of summer school study on its campus to meet the needs of students from its own regular sessions and from other colleges. Most of the courses extend six weeks; several extend eight weeks. 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 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.

Within the framework of this summer school the college maintains a Summer Trial Session, which is a special program designed to help high school graduates with some promise but with weak academic background prepare themselves to move successfully into the normal college freshman program in the regular fall session. In this six-week session the enrollees study two subjects on a collegiate level and are given special counseling and instruction designed to improve their reading and study skills. The program is designed to introduce the student to college level study under the most favorable conditions. Upon completion of the session, the grades and comments of the teaching staff are used by the Admissions Committee to help determine whether the student is ready to be admitted into the regular college program.

A separate summer session bulletin gives more complete details on the regular course program and the summer trial session. Interested persons are asked to direct inquiries to the Director of the Summer School.

European Summer Session

Since 1956 Hope College has conducted an annual summer session in Vienna, Austria. The program is designed primarily to meet the needs of Hope students, but qualified sophomores or juniors from other institutions are admitted.

The academic offering of the Hope College Vienna Summer School includes courses in Art, Music, Literature, and History, taught in English as well as courses in German language and literature, taught in German. Students can earn up to six semester hours of credit during the session.

The faculty of the Vienna Summer School is made up primarily of European instructors, appointed to the Hope College staff for the summer, who 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.

For its classes in Vienna, Hope College utilizes the facilities of the Institute of European Studies, which also houses programs of
other American institutions. Students live in private homes, eat the noon meal together and are given a weekly refund for their supper. They are free to plan their own leisure time. Two weekend excursions, one to Prague, Czechoslovakia, the other to the Salzburg Music Festival, are arranged for the entire group.

Students registered for the full European Summer program travel together to Europe by ship and take part in a three-week study tour prior to the opening of the academic session in Vienna. The study tour includes meetings with European leaders and students, visits to universities, museums and factories and attendance at musical performances. No credit is given for this part of the summer program and students may elect to come to Vienna on their own.

Following the close of the Summer Session in Vienna students have about two weeks of free time for independent travel. The group meets for an evaluation session and the return flight at the end of the summer.

European Semester Plan
The European Semester Plan is designed as a continuation of the European Summer Session. It enables qualified Hope students to remain in Europe for the fall term as participants in the regular University of Vienna Junior Year program.

Students registered for the European Semester Plan are under the jurisdiction of the University's Institute of European Studies which reports progress and grades of participants to Hope College. By arrangement between the two institutions full credit for work completed in Vienna will be granted by Hope College.

Pre-requisites for enrollment in the European Semester program are: completion of two years of college, German language proficiency, departmental approval of academic program and endorsement of application by the director of the Vienna Summer Session.

Students enrolled in the European Semester program may register for courses in English at the Institute and for courses in German at the University. An intensive two-week language and orientation session precedes the opening of the regular University courses, and a ten-day ski trip is arranged for the Christmas holidays. Fees for the European Semester Plan are approximately the same as for the regular semester at Hope College.

GLCA Latin American Program
As part of its Non-Western Studies program, the Great Lakes Colleges Association has established a study center in Bogota, Colombia, where students from member colleges have the opportunity to spend their sophomore or junior year engaged in the study of a wide variety of subjects, while living in a foreign environment.

Under this Latin American Program, students in humanities and social sciences can spend from 10 weeks to 12 months in Latin America and obtain from 10 to 47 semester hours of general, major or elective credit.

Recognizing the importance of a speaking knowledge of the language of the country visited, this program includes an accelerated Spanish language course so that as much of the language as possible
is learned in the foreign country. The program is able to accept students with as little as one year of high school Spanish and yet have all of the instruction given by Latin Americans in Spanish.

As shown below, the program is divided into three stages, allowing the student to participate in whichever sequence or combination of them best fits his needs. Dates are approximate.

Stage 1 (Guanajuato, Mexico, July 1 - Sept. 6) is a 10 week summer session especially designed (a) to provide basic intensive language instruction for students who have only high school Spanish or as little as one semester of college Spanish, (b) to provide additional courses for students having more Spanish background but who can stay no longer than a summer in Latin America, and (c) to develop some basic skills, knowledge and insights for participating in Latin America culture.

Stage 2 (Bogota, Sept. 15 - Dec. 15) is a special program for American students who have either completed Stage 1 in Mexico or who already have had 2 semesters of college Spanish in the United States. Other students who for some reason can spend only this quarter in Colombia may also apply. This program is especially designed to prepare American students to participate successfully along with Colombian students in Stage 3 of the program.

Stage 3 (Colombian universities in Bogota, Feb. 3 - July 1) is for American students who have sufficient Spanish to compete with Colombian students in regular university classes in humanities and social sciences in either Universidad Nacional, Universidad Javeriana, or Universidad de los Andes - all in Bogota. The Spanish background may have been obtained either in the U.S. or in Stages 1 and 2 of the Latin American Program.

During all three stages students live with Mexican or Colombian families. The total cost for the program, including transportation, is approximately the same as tuition, room and board for an equal length of time on the Hope campus.

Further information is obtainable from the Latin American Program Coordinator at Hope College.

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 extra curricular 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. Students selected to become Senior Scholars in this program participate in a senior colloquium entitled "Explorations in College Teaching," are practically involved in some phase of teaching under departmental supervision, and are enrolled in a seminar or Senior Honors Project course.

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. Involvement in this program
Academic Sessions

also strengthens students' applications for other university and national fellowships, especially the Woodrow Wilson National Fellowship program.

Washington Semester Plan

The Washington Semester Plan enables superior students from a limited number of colleges, including Hope, to study government and politics at the heart of our nation's life in Washington, D.C. The program proceeds under the direction of the American University, and by virtue of an agreement between the two institutions, full credit for the study completed is granted by Hope College. Select students in junior and senior years are eligible for participation in this distinctive program. For further information, consult Professor van Putten.

The Degree Program

The curricular program is based on the concept of four academic years of college work leading to the Bachelor of Arts degree. Although students enter college from secondary schools with a wide variation in background and education, the first responsibility of the college is to provide for each student a broad base of experience in the various fields of human activity which will enlarge his understanding of the world in which he lives, help him in disciplining his mind, and assist him in acquiring a vital Christian philosophy. The basic courses that are required of every student aim at these objectives and are designed, therefore, to help him acquire the knowledge, skills and attitudes essential for carrying out the common responsibilities of Christian world citizenship.

The second responsibility of the college is to help prepare each student to take his place, as a contributing member of society, either in a chosen vocation or profession or in a professional or graduate school in which he may continue his specialized training for a career. The requirement of a field of concentration aims partially at fulfilling this need. In several areas, professional sequences also contribute to this objective.

In the fall of 1963, the pattern of general requirements for the Bachelor of Arts degree was revised. All beginning students entering Hope in the summer of 1964 or thereafter are required to fulfill these requirements as listed below. Students enrolled in college in 1963-64 who will have reached at least sophomore status by September 1964, and transfer students who enter in the fall of 1964 with junior status will have the option of completing their degree program under either the old pattern of requirements or the new. If the latter choice is made, all the new requirements must be fulfilled except that English Composition and Fundamentals of Speech will be accepted in lieu of Introduction to Liberal Studies, and that Physical Education activities courses already taken will remain non-credit.

Specific Requirements for the Degree

Semester Hours and Quality Points

A student to be eligible for graduation must pass all college required courses and present one hundred twenty-six (126) credit hours of college work in which he has achieved a quality point average of 2.00. See page 39 for explanation of quality points.
The Degree Program

RESIDENCE
No degree will be conferred upon anyone who has not spent his senior year at Hope College.

GENERAL COLLEGE COURSE REQUIREMENTS

1. Introduction to Liberal Studies
   An eight semester-hour sequence, required of all freshmen. This sequence aims to raise to a more significant level interest in and concern for exploring the basic human questions that every adult faces, and to provide a rationale for the educational requirements the Hope student will face and an understanding of the liberal values of his study. Finally it seeks to develop his skill in expressing his reflections on such questions clearly, forcefully, and in orderly fashion in speech and writing.

2. Cultural Heritage
   A twelve semester-hour sequence, normally completed by the end of the sophomore year. The sequence includes: (a) six hours of literature—English 31, 32; (b) three hours of Music or Art—normally Art 21 or Music 17; (c) three hours of History.

3. Social Science
   A six semester-hour sequence, normally completed by the end of the sophomore year. One semester course must be chosen from the economics or political science areas—recommended: Economics 31 or Political Science 11; and one course from the psychology, sociology areas—recommended: Psychology 15 or Sociology 31.

4. Science and Mathematics
   An eleven semester-hour sequence, normally completed by the end of the sophomore year.

   Students must elect two courses from those designated in the departments of chemistry, biology and physics. At least one of these courses must include laboratory. The third course must be in the field of mathematics. For non-mathematics or non-science majors, Mathematics 23 or 35 is recommended. Proper placement will be determined by placement examination.

5. Foreign Language
   The basic requirement for all who enter with normal requisites for entrance (at least two years of high school language) is one additional year of language study. All such students may satisfy the college requirement by taking the intermediate course (8 hours) or an advanced course of six hours in the language they studied in high school, or by taking the elementary course (8 hours) of a different language. Students who do not present two years enter with a deficiency. To fulfill the college requirements they must first remove the deficiency by completing an elementary language sequence, and then continue with a one-year sequence to fulfill the college requirement. Since most departments ask for two years of a foreign language for the major, it will be advantageous to the student to continue the language he started in high school. All language courses taken in college will count toward the 126 units necessary for graduation, but courses which repeat language study taken in secondary school may not be used to fulfill the language requirement.

   The following departments require foreign language competency equivalent to two college years of language study as part of their
requirements for a departmental major: Art, Biology, English, History, Philosophy, Physics, Religion, Speech. Most other departments recommend such proficiency and require it for those majors planning on graduate study in their field. See specific statements under each department’s course descriptions.

6. Bible-Religion
   A six semester-hour sequence, normally completed by the end of the sophomore year. Bible 21 and 22.

7. Physical Education
   Two semester courses in Physical Education activities, totaling two semester hours, normally completed in the freshman year.
   Women students may choose from Physical Education 11, 12, 14, 15, 16 and 17. Men may choose from 15, 21, and 22. Students may enroll in additional activities courses, but only two semesters of these courses may count toward the 126 hours needed for the degree.

8. Senior Seminar
   A three hour seminar to be taken either semester of the senior year.

FIELD OF CONCENTRATION
To provide depth and penetration in at least one field of knowledge, the student must, at the close of his sophomore year, declare a field of concentration. Normally this will mean that he will choose a department in which to do his major work. However, in order to meet some special cultural or vocational end, a composite major may be substituted. The major may be changed with the consent of the heads of the departments involved and the Director of Counseling.

Departmental Major: A student wishing to be accepted as a candidate for a major in a department must fill out the proper application form, obtainable at the counseling office, and submit it to the chairman of that department by the end of the sophomore year. If he is accepted, the chairman or a designated member of that department becomes his advisor for the remainder of his college work, and with the student works out the academic program. In Part II of this catalog, along with a listing of the course offerings, are found the specific requirements for a major in the various departments. These requirements must be met for graduation. Every student must complete a minimum of 81 semester hours outside his department of concentration.

COMPOSITE MAJOR
Composite Major: A composite major requires the approval, in advance, of the Educational Policies Committee except in the case of composite major programs for which general approval has already been granted. Students planning to follow one of these programs should consult the Department of Education by the end of the sophomore year. Those interested in an individual composite major should consult the Dean of the College. Composite majors must have a concentration of at least 18 hours in one department. At present the following composite majors are approved:

For students taking the program leading to an elementary teacher’s certificate: A minimum of thirty-three semester
The Degree Program

hours of recommended courses in one of the following areas. Students wishing to complete one of these majors must get approval from the Department of Education. (The details of each of these composite majors are given on pages 129 and 130).

a. Language Arts (English Language, Speech, Foreign Language. Focus is on language as a communicating art). Advisor: Brand.

b. Humanities (Literature, Art, Music.) Advisor: ten Hoor.


General Academic Regulations

System of Grading

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

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 per sem. hr.</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3 per sem. hr.</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2 per sem. hr.</td>
</tr>
<tr>
<td>D</td>
<td>Weak but passing</td>
<td>1 per sem. hr.</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</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. 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 of courses attempted establishes the quality point average of a student. A quality point average of 2.00 or better in 126 hours of course work is necessary to meet grade requirements for graduation.

Incompletes, Failures, and Withdrawals

An incomplete (I) is given only when circumstances do not justify giving a specific grade. It must be removed within the first nine weeks of the semester following the one in which the incomplete was received. If not removed within this time, the incomplete becomes a failure (F).
General Academic Regulations

A failure (F) cannot be removed from a student’s record. However, if a course is repeated, the second grade is recorded as the final grade for the course. If the course is required for graduation or for a major, it should be repeated the next time it is offered. If not required, it may be repeated only with the approval of the counselor and the college dean.

A withdrawal (W) is given only when a student withdrawing from college before the end of a semester is doing passing work in the course. Otherwise a grade of failure is recorded. For students desiring to withdraw from a course while remaining in college, see below for regulations governing dropping a course.

Academic Standing

Students entering college with the intention of working toward a bachelor's degree should study carefully the requirements for graduation, especially the qualitative standards, or minimum honor point average. The minimum of 2.0 or “C average” required for graduation means that a student who has a cumulative average at the end of his freshman year of less than 1.6; at the end of his sophomore year of less than 1.8; and at the end of the junior year of less than 1.95 is not progressing in his academic work sufficiently to indicate successful completion of the degree requirements.

Students who fall below these cumulative averages or who fall significantly below a C average for any particular semester are sent a letter of academic warning and are asked to see their counselors for further academic advisement. Their parents are also informed of their status. A student continuing under academic warning for two or more semesters may be requested to withdraw from college if, in the judgment of the counselor and deans, such action is felt to be best for the student.

Withdrawal from College

In order to assure himself of an honorable dismissal from college at any time prior to his graduation, a student who wishes to withdraw must obtain a Withdrawal card from the Recorder. This card must be signed by the Treasurer and the Dean of the College.

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 of courses:

Adding of Courses: No student may enter a new course after the end of the second week of the semester.

Dropping of Courses: No student is permitted to drop a course without failure except with the approval of the instructor and counselor, and then only within the first six weeks of the semester. (A Freshman, however, will have until the mid-semester grades of his first semester in attendance have been reported.) Courses dropped after the time limit will be recorded as failures. Under unusual circumstances appeal may be made to the Administrative Committee, through the Dean of the College.
Senior Honors Project
To provide opportunity for the specially talented major in any department to engage during his senior year, in a piece of individual research of high quality, one leading to a report, essay, or public performance of real merit, the Senior Honors Project has been instituted. Senior students with a 3.0 or better average, who are interested in such a project, must make application to the department chairman prior to the semester in which they will do the project. The departmental staff acts on the application and designates an advisor for the project. The project must culminate in a report, essay, or public performance that meets the departmental standards. Upon successful completion of the project the student will receive three credit hours with the grade of A and notation of the project title on his permanent record. No student may apply for more than one Honors Project. A project falling below the accepted standard but still worthy of academic credit will be listed simply as an Individual Project with the appropriate grade.

The Underclass Honors Courses
In this program talented students in their freshman and sophomore years are expected to explore more freely and broadly and to take more responsibility for learning than is generally done in the college required courses. There are two basic underclass honors courses: the Freshman course (English 11, 12 Honors); and the Sophomore course (English 31, 32 Honors). Students enter these courses only on invitation from the Honors Screening Committee. Invitation to enter the freshman course is extended to students on the basis of high school grade records, test scores and other available information indicating unusual achievement and potential. Special consideration is given to students who have done well in high school Honors and Advanced Placement courses, who have been cited in the National Merit Scholarship program, or who are Talent Award winners. Students who are not accepted at first may be admitted to the program later if they demonstrate superior overall achievement in college.

Student Load
The normal student load is sixteen hours per semester. Permission to take more than a normal load is based upon the student’s previous academic record. Seventeen hours may be granted by the counselor. Application for more than seventeen hours must be made to the Administrative Committee. Under no circumstance will a student be permitted to take more than nineteen semester hours. Students carrying a work program along with their studies are advised to reduce their academic load. Students carrying more than a normal load must pay a fee of $30.00 for each semester hour in excess of sixteen. Regularly enrolled students must carry a minimum of twelve semester hours of course work each semester. Veteran students under the Korean G. I. Bill must carry a minimum of fourteen hours to be considered a full-time student and to receive the maximum benefits.

Classification
To be eligible for classification as a sophomore, a student must have to his credit twenty-four semester hours.

To be eligible for classification as a junior, a student must have fifty-eight semester hours.
General Academic Regulations

To be eligible for classification as a senior, a student must have ninety-four semester hours.

Class Attendance
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 daily text assignments. In the classroom he gives his reactions and listens to the reactions of his fellow students. In such an educative process, a student misses an irreplaceable something when he misses class.

In accordance with these principles, all absences have an adverse effect upon the teacher's estimate of the student's progress in the course unless made up to the satisfaction of the instructor. The student is to consider himself directly responsible to the instructor for his absences. It is his responsibility to present an excuse to and to request make-up privileges from his instructor.

Classwork missed while students are away on faculty-approved business or because of illness 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 attempt to make up his loss when such absence is necessary. 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.

Extension and Correspondence Work
Full time day students may be enrolled in extension courses and evening courses for credit at Hope College only if they get approval in advance from the Dean of the College.

No work taken by correspondence will be accepted by Hope College toward graduation.

Transcript of Record
A student who is graduated or granted an honorable dismissal from college is entitled to one certified transcript of his record. A fee of $1.00 is charged for each additional copy.
SECTION II

Course Offerings
and Suggested Programs of Study
## Course Offerings

<table>
<thead>
<tr>
<th>Subject</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART</td>
<td>45</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>47</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>50</td>
</tr>
<tr>
<td>ECONOMICS AND BUSINESS ADMINISTRATION</td>
<td>53</td>
</tr>
<tr>
<td>EDUCATION</td>
<td>58</td>
</tr>
<tr>
<td>ENGLISH</td>
<td>61</td>
</tr>
<tr>
<td>FRENCH</td>
<td>103</td>
</tr>
<tr>
<td>GERMAN</td>
<td>66</td>
</tr>
<tr>
<td>GREEK</td>
<td>68</td>
</tr>
<tr>
<td>GEOGRAPHY</td>
<td>72</td>
</tr>
<tr>
<td>HISTORY</td>
<td>69</td>
</tr>
<tr>
<td>LATIN</td>
<td>72</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>74</td>
</tr>
<tr>
<td>MUSIC</td>
<td>76</td>
</tr>
<tr>
<td>PHILOSOPHY</td>
<td>83</td>
</tr>
<tr>
<td>PHYSICAL EDUCATION</td>
<td>88</td>
</tr>
<tr>
<td>PHYSICS</td>
<td>91</td>
</tr>
<tr>
<td>POLITICAL SCIENCE</td>
<td>94</td>
</tr>
<tr>
<td>PSYCHOLOGY</td>
<td>96</td>
</tr>
<tr>
<td>RELIGION AND BIBLE</td>
<td>98</td>
</tr>
<tr>
<td>RELIGIOUS EDUCATION</td>
<td>101</td>
</tr>
<tr>
<td>ROMANCE LANGUAGES</td>
<td>102</td>
</tr>
<tr>
<td>RUSSIAN</td>
<td>108</td>
</tr>
<tr>
<td>SOCIOLOGY</td>
<td>108</td>
</tr>
<tr>
<td>SPANISH</td>
<td>105</td>
</tr>
<tr>
<td>SPEECH</td>
<td>112</td>
</tr>
</tbody>
</table>
The courses in art are designed, first to give students the opportunity to grow in their appreciation of art as a form of creative expression, and second, to provide the groundwork within a liberal arts college for those who wish to make some phase of art their life work. The curriculum affords these opportunities to the student through a study of art masterpieces and through actual practice in the various media of the pictorial arts.

MAJOR: Students who have completed Art 21 and Art 11, 12 may make application for the art major at the end of their sophomore year. In addition to the above-mentioned requirements, the student must have at least thirty hours in the department, including at least nine hours of art history and including Art 31. The senior art major is required to prepare a comprehensive portfolio and an exhibition of his work. Any deviation from this procedure must be approved by the department chairman.

The History and Appreciation of Art

21. Introduction to the History of Art
THREE HOURS
In dealing with architecture, painting, and sculpture through lectures supplemented with slides, the student is acquainted with the substance and terminology of art history.

22. Ancient Art
THREE HOURS
The earliest period course in the three-semester survey of art history; a study of the Prehistoric and Ancient periods through slides and lectures. Prerequisite: Art 21. Alternate years.

23. Medieval and Renaissance Art
THREE HOURS
An historical survey of the Medieval, Early and High Renaissance periods in Western European Art. Prerequisite: Art 21. Alternate years.

24. Baroque to Modern Art
THREE HOURS
This survey course examines the painting, sculpture, and architecture of the Baroque, Rococo and Modern periods. Prerequisite: Art 21. Alternate years. (Same year as Art 23).

41. Modern Architecture
THREE HOURS
The sources and historical development of modern architecture is examined in this special period course. Emphasis is given to recent American styles. Prerequisite: Art 21. Alternate years.
ART

51. Modern Painting and Sculpture
THREE HOURS
An historical study of the major art movements from 1850 to 1950, in painting and sculpture. Emphasis is placed on the artistic developments which occurred in France and in the United States. Prerequisite: Art 21. Alternate years (same year as Art 41).

Studio Courses in Art

11. Introduction to the Practice of Art
THREE HOURS
The objective of the course is to develop the rudimentary techniques and procedures in painting, drawing, sculpture, and graphics. Prerequisite to all studio courses.

12. Introduction to the Practice of Art
THREE HOURS
Continuation of course 11.

31. Basic Design
THREE HOURS
A study of the elements of design through readings and applied problems. It is an investigation of two-dimensional design concepts. Prerequisites: Art 11 and 12.

32. Basic Design
THREE HOURS
Continuation of course 31. A study of three-dimensional design concepts.

33. Graphics and Drawing
THREE HOURS
A study of the techniques and procedures involved in both drawing and in using certain graphic media such as the wood-cut and the silk screen.

34. Graphics and Drawing
THREE HOURS
Continuation of course 33.

35. Painting
THREE HOURS
A studio course combining a study of the procedures and techniques of painting with readings and reports on the ideas governing painting both past and present. Prerequisites: Art 11, 12, 31.

36. Painting
THREE HOURS
Continuation of course 35.
ART

37. Sculpture
THREE HOURS
An introduction to the techniques and use of sculptural materials: fundamentals of three-dimensional design. Prerequisites: Art 11, 12, 32.
WOOD FIRST SEMESTER

38. Sculpture
THREE HOURS
Continuation of course 37.
WOOD SECOND SEMESTER

64. Special Problems
THREE HOURS
A course for advanced students who can benefit in an additional semester of specialized work in either applied art or art history. Prerequisite: approval of instructor.

72. Methods in Art Education
TWO HOURS
A study of the child’s creative and mental growth through art education. The purpose of the course is to acquaint the student with the means by which the child’s development might be stimulated and achieved. The student participates in both creative studio work and lecture and discussions of the basic principles and techniques of art education. This course may not be counted toward the major or minor in art. Prerequisite: An upperclass status and completion of Art 11.

BIOLOGY

MR. CROOK, CHAIRMAN; MR. GREIJ, MISS KOCH, MR. RIECK, MR. VAN FAASEN, MISS VAN SCHAACK

Biology is the study of life. College students should acquire sufficient training in biology, (1) to understand basic principles of all life, (2) to apply these principles to the structure and function of their own bodies, and (3) to gain an appreciation of man’s relationship to the rest of nature.

MAJOR: Students majoring in biology must take a minimum of 25 hours in the department. They are required to take Philosophy of Natural Sciences, Philosophy 73. They must achieve second year proficiency in a foreign language with German, French or Russian recommended in that order or preference.

For elementary teaching a composite general science major is outlined on pages 128-130. Biology and Physical Education also make a desirable combination. Preferred courses in Biology are: Biology 13, 14, 35, 38, 50, and 61.

A year of biology is a prerequisite for courses numbered above 20.
BIOLOGY

13, 14. General Biology
FOUR HOURS
A year course for non-science majors consisting of one semester of plant biology (13) and one semester of animal biology (14). Intended as an orientation in biological science as one element of a general cultural background or to satisfy minor requirements. Three classroom periods and one two-hour laboratory. The two semesters may be taken in either sequence.

STAFF BOTH SEMSTERS

15, 16. Principles of Biology
FOUR HOURS
A year course for science majors consisting of one semester of botany (15) and one semester of zoology (16). Intended as an orientation in biology and as a basis for advanced work. Two classroom periods and two two-hour laboratories. The two semesters may be taken in either sequence.

STAFF BOTH SEMSTERS

31. General Bacteriology
FOUR HOURS
The nature of bacteria and their direct and indirect effects on man will be studied. Basic bacteriological procedures will be introduced in the laboratory including the isolation and identification of bacteria from natural sources. Two classroom periods and two two-hour laboratories. Prerequisite: Biology 13, 14 or 15, 16. Alternate years 1965-1966.

CROOK FIRST SEMESTER

32. Comparative Anatomy of Vertebrates
FOUR HOURS
A selected series of vertebrate types is studied. Two classroom periods and two three-hour laboratory periods. Prerequisites: Biology 13, 14 or 15, 16.

RIECK SECOND SEMESTER

35. Human Physiology and Hygiene
TWO HOURS
Primarily for education students as an extension and application of fundamental concepts of physiology introduced in Biology 14 or 16. Not open to pre-medical or pre-dental students. Credit will not be given for both Biology 35 and Biology 64. Two classroom periods a week. Prerequisite: Biology 13, 14 or 15, 16.

RIECK BOTH SEMSTERS

38. Field Biology
THREE HOURS
An introduction to the common flora and fauna of the Holland region for prospective teachers and other interested students. The course is concerned primarily with the classification, identification and recognition of common plants and animals. One classroom period and two three-hour laboratory periods. Prerequisite: Biology 13, 14 or 15, 16 or consent of the instructor. Not offered 1964-1965.

VAN SCHAACK SECOND SEMESTER
BIOLOGY

41. Mycology
THREE HOURS
A study of the fungi in the field and in the laboratory with emphasis on their classification, culture, and importance as agents of decay and plant diseases. One lecture and two three-hour laboratories per week. Prerequisite: Biology 15, 16 or 13, 14, or consent of instructor. Alternate years 1964-1965.
VAN SCHAACK FIRST SEMESTER

42. Plant Anatomy
THREE HOURS
An exploration and comparison of form, structure and reproduction in vascular plants. One lecture and two three-hour laboratory periods per week. Prerequisite: Biology 13, 14 or 15, 16. Alternate years 1965-1966.
VAN SCHAACK FIRST SEMESTER

43. Taxonomy of Vascular Plants
THREE HOURS
A study of the major groups of vascular plants, their relationships, and principles of plant classification with an emphasis on the local flora. Two three-hour periods a week involving lecture, laboratory and field work. Prerequisite: Biology 13, 14 or 15, 16.
VAN FAASEN SECOND SEMESTER

50. Principles of Ecology
THREE HOURS
The basic concepts of the interrelation of living organisms and their environment are studied. Two lecture periods and one three-hour laboratory. Prerequisites: Biology 13, 14 or 15, 16.
GREIJ SECOND SEMESTER

51. Ornithology
THREE HOURS
An introductory study of the identification, classification, natural history, and adaptations of birds. Two lecture periods and one three-hour laboratory. Prerequisite: Biology 13, 14 or 15, 16.
GREIJ SECOND SEMESTER

53. Histology
THREE HOURS
The structure of the cell and its modifications into various tissues. Two classroom periods and one three-hour laboratory period. Prerequisite: Biology 15, 16 or consent of instructor.
RIECK FIRST SEMESTER

55. Vertebrate Embryology
FIVE HOURS
A descriptive, comparative study of the development of chordates. Three lecture periods and two three-hour laboratory periods. Prerequisite: Biology 15, 16 or consent of instructor.
GREIJ FIRST SEMESTER

61. Genetics
TWO HOURS
A general introductory course dealing with the fundamental principles of heredity and variation and some of their applications to modern problems. Two lecture periods. Prerequisite: Biology 13, 14 or 15, 16.
KOCH FIRST SEMESTER
**BIOLOGY**

**64. Advanced Physiology**

**FIVE HOURS**

This course deals with the structure, functions, and conditions necessary for the maintenance of normal activities of the human body. Three classroom periods and two three-hour laboratory periods. Prerequisite: one year of chemistry and either Biology 15 and 16 or consent of instructor.

**CROOK SECOND SEMESTER**

**72. General Parasitology**

**THREE HOURS**

A survey of protozoan, helminthic and arthropod parasites as causative agents or vectors of disease. Two classroom periods and one three-hour laboratory. Prerequisite: Biology 15 and 16 or consent of instructor. Alternate years. 1964-1965.

**CROOK FIRST SEMESTER**

**85. Biochemistry**

**THREE HOURS**

The nomenclature and general chemistry of carbohydrates, lipids and proteins will be studied together with the nature and mode of action of enzymes. Three classroom periods with demonstrations. Prerequisite: Organic chemistry.

**CROOK FIRST SEMESTER**

**91. Special Problems**

**CREDIT BY ARRANGEMENT**

This course is designed to give students majoring in biology a chance to do work in a field in which they have a special interest. Upon formal application and permission by the head of the department.

**STAFF BOTH SEMESTERS**

**CHEMISTRY**

**MR. VAN ZYL, CHAIRMAN; MR. BRINK, MISS HELLENGA, MR. JEKEL, MR. KLEINHEKSEL**

Chemistry is a study of matter and the changes that matter undergoes. Chemical processes underlie practically all of the sciences. Chemical engineering is applied chemistry. Medicine is, to a great extent, the study of the chemistry of life processes. The study of the fundamentals of chemistry is also essential for dentistry, nursing, home economics and agriculture.

**MAJOR:** The minimum requirement for a chemistry major is twenty-five semester hours (exclusive of chemistry 15, 16). However, students planning on specializing in chemistry in graduate schools or who wish to get a position in industrial chemistry should adhere to the schedule listed on pages 118 and 119 as closely as possible. Students specializing in chemistry should consult with the head of the department regarding requirements in mathematics and physics.

For elementary school teaching a composite general science major is outlined on pages 128 and 130. Pre-medical students should take at least courses 13, 14, 32, 33, 34, 85. Courses in physical chemistry are also recommended by some medical schools.
CHEMISTRY

*13. General Inorganic Chemistry
FOUR HOURS
Classroom three hours a week; laboratory, four hours a week. This is the first course in chemistry for all students who wish to major in science.
FIRST SEMESTER

*14. General Inorganic Chemistry
FOUR HOURS
Continuation of Chemistry 13. Classroom three hours a week; laboratory, four hours a week. The laboratory will consist of systematic qualitative analysis of unknown compounds, complex mixtures and alloys.
SECOND SEMESTER

15. General Chemistry
FOUR HOURS
This course is designed especially for pre-nursing students, elementary education majors and non-science majors who elect this course as part of their science requirement. This course aims at developing an understanding of the fundamental principles of chemistry, with numerous illustrations of the application of these principles and theories to every-day phenomena. Not open to science majors or students planning on medicine or dentistry. Classroom, three hours a week, laboratory, three hours.
STAFF FIRST SEMESTER

16. General Chemistry
FOUR HOURS
Continuation of course 15.
STAFF SECOND SEMESTER

32. Quantitative Analysis. (Introductory Course)
FOUR HOURS
Classroom, two hours a week; laboratory, six hours a week. Prerequisites: Chemistry 13 and 14. This course includes (a) Gravimetric Analysis, a study of the chemical balance in gravimetric methods of analysis, reactions, and theories of analytical chemistry; (b) Volumetric analysis, the calibration of burettes and pipettes; volumetric determination by precipitation, by neutralization, by oxidation and reduction; and the exact preparation and use of standard solutions.
STAFF BOTH SEMESTERS

33. Organic Chemistry
FIVE HOURS
Classroom, three hours a week; laboratory, six hours a week. This course includes a study of saturated and unsaturated aliphatic compounds, and the aromatic series compounds. The laboratory deals with synthetic preparations and includes some organic qualitative analysis. Prerequisites: Chemistry 13 and 14.
VAN ZYL FIRST SEMESTER

34. Organic Chemistry
FIVE HOURS
Continuation of 33.
VAN ZYL SECOND SEMESTER

*One section will be designated honors chemistry. Admission to this section will be determined by a chemistry placement test.
CHEMISTRY

53. Elementary Theoretical and Physical Chemistry
FOUR HOURS
Classroom, three hours per week; laboratory, three hours per week. Elementary principles of chemical thermodynamics, chemical kinetics, atomic and molecular structure are included. Prerequisites: Chemistry 13 and 14, Physics 33 and 34, Math 46 (may be taken concurrently) or consent of the instructor.

BRINK FIRST SEMESTER

54. Elementary Theoretical and Physical Chemistry
FOUR HOURS
A continuation of course 53.

BRINK SECOND SEMESTER

62. Advanced Analytical Chemistry
FOUR HOURS
Classroom, two hours; laboratory, six hours. This course includes the principles of instrumental and chromatographic analysis and the application of these techniques to the quantitative analysis of mixtures. Prerequisites: Chemistry 32 and 53.

SECOND SEMESTER

75. History of Chemistry
ONE HOUR
Lecture and recitation. Recommended for all students majoring in chemistry. Must be preceded or accompanied by course 33.

KLEINHEKSEL FIRST SEMESTER

81. Advanced Organic Chemistry
TWO OR THREE HOURS
Lecture and literature research. Advanced organic reactions and laboratory preparations. Laboratory four to eight hours.

VAN ZYL

82. Advanced Inorganic Chemistry
THREE HOURS
Classroom, two hours; laboratory, three hours. A continuing study of inorganic chemistry with emphasis upon its physico-chemical aspects. The laboratory will involve inorganic preparations. Prerequisites: Chemistry 53 and 54.

JEKEL SECOND SEMESTER

85. Biochemistry
THREE HOURS
Classroom, three hours per week with demonstrations. The nomenclature of carbohydrates, lipids and proteins will be studied together with the nature and mode of action of enzymes. Prerequisites: Chemistry 33, 34.

CROOK FIRST SEMESTER

91. Special Problems
BY ARRANGEMENT
This course is designed to give students majoring in chemistry a chance to do work in a field in which they have special interest. By special permission of Head of Department.

VAN ZYL
CHEMISTRY

Assisting in Chemistry Laboratory
Upon the recommendation of the head of the department, a limited number of students who have done meritorious work are permitted to serve as laboratory assistants during their Junior or Senior year. No credit or honor points will be given toward graduation.

Teaching of Science
See Education 86.

CLASSICAL LANGUAGES

The foreign language requirement for graduation may be met by the study of either Latin or Greek. For a complete statement of the foreign language requirement for graduation, consult page 37 of this catalog. For those planning to enter a theological seminary, Greek is usually required, and Latin is recommended.

For convenience in using the catalog, the course offerings are listed under the departmental titles, which are arranged alphabetically.

ECONOMICS AND BUSINESS ADMINISTRATION

MR. YNTEMA, CHAIRMAN; MR. KLAASEN, MR. WELLER

Courses in the combined Department of Economics and Business Administration are listed below under the two fields. A student may qualify for a major in either economics or business administration separately, but not in the two combined. In majoring, the student will normally take Economics 31 and 32 and Business Administration 31 and 32 in the Sophomore year. It is possible, however, for a student to begin in the Junior year if he is well along with his general college requirements; then with department approval he may take certain of the upper-class offerings along with the Sophomore courses. For interested Freshmen and Sophomores who are undecided as to their major, Business Administration 15 should prove helpful. Students majoring in other departments who wish the usual economic principles course should elect Economics 31 (and 32, if time permits). For Seniors in other departments who have particular interest in certain of the business courses, it is possible with the consent of the instructor to elect from the following without having had the usual prerequisites: Principles of Management (53), Business Law (54), Investment Fundamentals (56), Personnel Administration (73), and Insurance (84). The same applies in the case of Economics 76.

ECONOMICS MAJOR: The program for this major requires a minimum of thirty semester hours in economics; hours earned in Principles of Accounting, (Business Administration 31 and 32) may be counted towards this total as also hours earned in Introductory Statistics (Mathematics 35). The course program must include Principles of Economics (31 and 32), Economic Statistics (62, preceded by Mathematics 35), and Principles of Accounting (Business Administration 31 and 32). The program of study must have the approval of department advisors. See pages 117 and 118 for the course program.
ECONOMICS AND BUSINESS ADMINISTRATION

The economics major serves effectively in preparing the student for graduate study in either economics or business administration. Also, when combined with proper electives, it becomes a valid pre-law major or else can lead to public school teaching at the secondary level. It serves also as preparation for direct placement in business or government positions. The major in economics leaves a considerable block of hours for electives in other fields of interest.

BUSINESS ADMINISTRATION MAJOR: This major requires a minimum of twenty-six hours in business administration courses together with a minimum of eighteen hours in economics courses that are prerequisite or supplemental to the business administration electives. Hours earned in Introductory Statistics (Mathematics 35), may be included in the eighteen hour total. The course program must include Principles of Economics (Economics 31 and 32), Economic Statistics (Economics 62, preceded by Mathematics 35), and Principles of Accounting (31 and 32). The program of study must have the approval of department advisors. See pages 117 and 118 for the course program.

The major in business administration serves a twofold purpose. On the one hand, the terminal student is readied in the liberal arts tradition for direct professional placement in business. On the other hand, the student deciding on graduate study in business is, under normal circumstances, prepared to earn a master's of business administration in a year and a summer. This major allows the student some leeway in electing courses in other fields of interest.

A—Economics

31. Principles of Economics
THREE HOURS
A general introduction to economic principles, concepts, and problems covering two semesters of study. Prerequisite: For 31, Sophomore standing.

YNTEMA, KLAASEN  FIRST SEMESTER

32. Principles of Economics
THREE HOURS
Continuation of course 31. Prerequisite: Completion of 31 or consent of instructor.

YNTEMA, KLAASEN  SECOND SEMESTER

51. Money and Banking
THREE HOURS
Analysis of the nature and development of money, role of commercial banks and the Federal Reserve System, relation of money flows to prices and economic activity, monetary policy, and international aspects of money and banking. Prerequisite: Economics 31, 32.

WELLER  FIRST SEMESTER

52. Labor Economics
THREE HOURS
An introductory survey of labor economics: basic problems of labor; development and aims of labor organizations; employer attitudes and practices; and the role of government. Prerequisite: Economics 31, 32.

YNTEMA  SECOND SEMESTER
ECONOMICS AND BUSINESS ADMINISTRATION

62. Economic Statistics
TWO HOURS
Continuation of study of statistics begun in Mathematics 35 and pointed toward application in economics and business: tabular and graphic presentation of data; time series analysis; index numbers; and correlation. Prerequisites: Economics 31, 32 and Mathematics 35.
YNTEMA SECOND SEMESTER

71. Economic Analysis
THREE HOURS
Intermediate-level treatment of microeconomics concerned primarily with price determination under varied market conditions, theory of factor pricing, and topics in welfare economics. Prerequisite: Economics 31, 32. Alternate years.
YNTEMA FIRST SEMESTER

72. Business Cycles
THREE HOURS
Study of the nature and causes of business cycles in their current setting with emphasis on alternative explanations and analysis of methods of control and the growth factor. Prerequisite: Economics 62 or consent of instructor. Alternate years.
YNTEMA SECOND SEMESTER

73. National Income
THREE HOURS
Systematic introduction to macroeconomics, including concepts and composition of the product and income estimates, theory of national income determination, and applications of income-employment theory. Prerequisite: Economics 31, 32. Alternate years.
YNTEMA FIRST SEMESTER

74. International Trade
THREE HOURS
Survey of the field of international trade, with attention given to fundamental theory and present policy and practice. Prerequisite: Economics 31, 32. Alternate years.
YNTEMA SECOND SEMESTER

76. Public Finance
THREE HOURS
Introduction to principles, practices and problems of public finance— federal, state and local—covering revenues and expenditures, taxation theory and practice, public debt, and budgeting. Prerequisite: Economics 31, 32, or consent of instructor for seniors recommended by other departments.
YNTEMA FIRST SEMESTER

91. Seminar in Economic Problems
TWO HOURS
Study of important economic problems adapted to special interests of the student and stressing sound analysis and constructiveness of conclusions. Prerequisite: Economics 71, or consent of instructor.
YNTEMA FIRST SEMESTER
ECONOMICS AND BUSINESS ADMINISTRATION

B—Business Administration

15. Survey of Private Enterprise
THREE HOURS
An orientation course reviewing the basic economic problem of using scarce resources effectively and in keeping with commonly recognized goals. Though some attention is accorded arrangements of other cultures, chief interest is in the private enterprise system of our country, and especially the role of business firms. Provides a degree of economic literacy for the general student and an introduction to business administration as an academic discipline for those considering the field. Primarily a Freshman course and not open to students while or after taking Economics 31-32.

31, 32. Principles of Accounting
SIX HOURS
A comprehensive introduction to accounting methods and applications covering two semesters of study. Two hours of lecture and discussion and one two-hour laboratory per week. Prerequisite: For 31, Sophomore standing and for 32, satisfactory completion of 31.

53. Principles of Management
THREE HOURS
Study of essential managerial principles and processes as usually associated with business but important also in the conduct of church, school, and other non-business affairs. Prerequisite: Economics 31 and 32, or consent of instructor.

54. Business Law
THREE HOURS
A survey of business law, stressing contracts and including an introduction to sales, agency, negotiable instruments, and partnerships and corporations. Prerequisite: Economics 31, 32, or consent of instructor.

56. Investment Fundamentals
THREE HOURS
Analysis and appraisal of investment alternatives as found in real estate, bonds, and preferred and common stock with emphasis on arrangements and programs meeting the needs of individual investors. Prerequisite: Economics 31 and 32 and Business Administration 31 and 32, or consent of instructor.

61. Marketing Principles
THREE HOURS
Study of the distributive process and marketing problems covering functions, institutions, methods, commodity marketing, merchandising, prices, and competition. Prerequisite: Economics 31 and 32.
62. Marketing Problems
THREE HOURS
The case method is used in dealing with representative problems of this field; emphasis is placed on application of established business principles and techniques in the solution of particular business problems. Prerequisite: Business Administration 61, or consent of instructor.

KLAASEN    SECOND SEMESTER

65. Cost Accounting Principles
THREE HOURS
An introduction to the subject matter of cost accounting with particular attention given to objectives and methods of "standard cost" accounting. This course stresses managerial use of computations and accounting procedures. Prerequisite: Business Administration 31, 32, and Economics 31, 32. Alternate years.

FERRIS    FIRST SEMESTER

66. Intermediate Accounting
THREE HOURS
This course provides a continuation of the study of accounting theory and practice at the intermediate level with attention centering on asset items of the balance sheet. Prerequisite: Business Administration 31, 32 and Economics 31, 32. Alternate years.

FERRIS    FIRST SEMESTER

72. Finance Principles
THREE HOURS
Analysis of principles underlying sound financial policy and procedure; financial planning and control; sources of short-term and long-term funds; management of assets; and problems of valuation, combination, dissolution, and liquidation. Prerequisite: Economics 51 and Business Administration 31, 32.

WELLER    SECOND SEMESTER

73. Personnel Administration
TWO HOURS
Study of personnel principles from the standpoint of function, methods, and organization as used in practice by business. Prerequisite: Business Administration 53 and Economics 52, or consent of instructor.

DENIG    FIRST SEMESTER

82. Insurance
THREE HOURS
Survey of insurance principles and their applications in various fields, with attention also given risk-bearing as such, public supervision, and social insurance. Prerequisite: Economics 31, 32, or consent of instructor.

VAN LENTE    SECOND SEMESTER
The courses offered in this department are intended to prepare teachers for elementary and secondary schools. Arrangements have been made with the public schools in the Holland, Zeeland and West Ottawa districts for student teaching which is required of all candidates for teacher certification.

Students must be formally admitted to the Teacher Education program. Information concerning admission criteria and procedures is available in the office of the Department of Education.

The Michigan Certification Code requires students to have a "C" average before they may begin Student Teaching; the college requires 2.3 in the major.

A "C" average is required of all candidates for a teacher certificate.

Special efforts are put forth by the placement office to secure positions for graduates who have proven aptitude for teaching, but the college does not guarantee to place students in positions. The right is reserved to withdraw students from student teaching for cause at any time, and also to withhold recommendations for positions.

A student cannot secure a major in the department of education. However, in order to qualify for an elementary or secondary certificate, the student should consult the chairman of the college Department of Education, so that he will have the requisite number of hours and the required courses in Education for the state in which he plans to teach.

Under the suggested curricula for Teaching, pages 127-130 is outlined a summary of the college requirements for those planning a teaching program. Students should consult this section as soon as they decide to enter the field of teaching.

Education 31 is for Sophomores, all other education courses for Juniors and Seniors only.

31. Introduction to Education
   TWO HOURS
   A study of public education in America from colonial times to the present. It traces the development of a national system of schools in this country, with special consideration given to the types of organization, the different areas and levels involved, both the professional and student personnel and the curriculum and material of instruction. Should be taken by sophomores.

36. Developmental Psychology I
   Same as Psychology 36.

38. Developmental Psychology II
   Same as Psychology 38.
515. History and Philosophy of Education
THREE HOURS
The historical agencies and factors which have influenced the educational progress of the various peoples. Emphasis upon the aims, methods, content, organization and results. Studies of the changing philosophies of education.
VANDER BORGH  SUMMER

52. Educational Psychology
THREE HOURS
The growth and development of childhood in all its phases, but with special stress on mental development. Careful study of the learning process with the implications for teaching and guidance.
DUFFY

53. Elementary Curriculum and Methods
FOUR HOURS
An examination of the elementary school curriculum, its structure and organization; of the philosophy and methods of the modern school; of general principles and practices that are applicable to all areas of the curriculum, with special application in the first semester to Reading and Literature. Should be taken in junior year.
SCHOON  FIRST SEMESTER

54. Elementary Curriculum and Methods
FOUR HOURS
A continuation of Education 53, with special attention to Language Arts, Social Studies, Arithmetic and Science in the elementary school curriculum. Should be taken in junior year.
SCHOON, BAKER  SECOND SEMESTER

57. Secondary Principles
THREE HOURS
The public high school — its origins, purposes and curriculum. The principles and methods of teaching on the secondary level. The course is designed, along with special methods courses in the several academic areas, to prepare students for student teaching in high school. Prerequisite: educational psychology.
VANDER BORGH

58. Educational Sociology
THREE HOURS
A study of the significance of various social factors in the educational process itself, within the school room and the community as a whole; an analysis of various school and community relationships and responsibilities for the educational program of the community.
VER BEEK  SUMMER

60. History of Education
TWO HOURS
The development of formal education from the very beginning of recorded history to the present. The origins of the ideas and values that have profoundly influenced education through the centuries are examined as they are found in ancient, medieval and modern times. Special attention is devoted to important leaders who have left their impressions upon modern education. Seniors.
VANDER BORGH
64. Tests and Measurements
   Same as Psychology 43.

72. Art Education
   TWO HOURS
   A study of the child's creative and mental growth through art education. Acquaints the student with the means by which the child's development might be stimulated and achieved. The student participates both in creative studio work and in discussions of the basic principles and techniques of art education. Prerequisites: Art 11 or permission.
   LOVELESS

73. Secondary Vocal Methods
   THREE HOURS
   The study and observation of secondary teaching techniques, with examination of materials. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years, 1964-1965.
   HOLLEMAN    SECOND SEMESTER

74. Secondary Instrumental Methods
   THREE HOURS
   Problems peculiar to the teaching of instrumental music in both class and private instruction. Sections will be 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. Offered first semester of even-numbered years and the second semester of odd-numbered years.
   RIDER

75. Teaching Physical Education in the Elementary School
   TWO HOURS
   Same as Physical Education 75.
   PYLE

76. Teaching Physical Education in the Secondary School
   TWO HOURS
   Same as Physical Education 76.
   GREEN

79. Elementary Public School Music Methods
   TWO HOURS
   Same as Music 55.
   HOLLEMAN

81. Student Teaching in the Elementary School
   EIGHT HOURS
   Student teaching, supervised by the Department of Education, is done in cooperation with several public schools in the Holland area.
   VER BEEK

83. Student Teaching in the Secondary School
   EIGHT HOURS
   Student teaching, supervised by the Department of Education, is done in cooperation with Holland area schools.
   BAKER, DUFFY
84. Teaching of Modern Foreign Languages*  
Methods of teaching French, Spanish, and German at the elementary school, high school, or college levels. Required of those planning to teach these languages in the secondary school. Alternate years, 1964-1965.

PERRY  FIRST SEMESTER

85. Teaching of Social Studies in Secondary School*  
Methods and material in teaching the social studies at the junior and senior high school levels. Studies of procedures, curricular practices in various systems, teaching aids, trends, preparation of resource teaching units, evaluation, etc. A curriculum laboratory is in the library to aid teachers through new materials.

BROWN  FIRST SEMESTER

86. Teaching of Science in Secondary School*  
Methods of teaching science at the secondary school level. Emphasis is placed on the material and techniques to follow as used in the teaching of Biology, Chemistry, and Physics.

BAKER  FIRST SEMESTER

87. Teaching of English*  
A review of English grammar, with emphasis on the teaching of it. Readings, observations and demonstrations in the teaching of composition and literature in the secondary schools.

DE GRAAF

89. Teaching of Mathematics*  
Intended for seniors through special arrangement with the Department of Education. It may be taken for credit in Mathematics if not needed for Education.

STEKETEE  FIRST SEMESTER

*Only one Special Methods Course for secondary teachers may be applied to meet the twenty-hour education requirement for certification in the State of Michigan.

ENGLISH

MR. DE GRAAF, CHAIRMAN; MR. BRAND, MRS. BRATT, MISS CARWELL, MRS. DE WOLFE, MR. ERICSON, MR. HOLLENBACH, MISS MUELLER, MRS. MURRAY, MR. PRINS, MISS PROTHEROE, MR. SAVAGE, MR. TEN HOOR, MISS VANDER KOLK

The courses in the English department may be classified under the headings of composition and literature.

All students are required to take six hours of composition and six hours of literature. Courses 11 and 12 in composition and courses 31 and 32 in literature are intended to meet these basic requirements. These courses are all prerequisite to courses in composition and literature numbered above 50. Exceptions or substitutions are allowed only by permission from the chairman of the department.
ENGLISH

MAJORS: Students who have completed the required six hours of composition and the six hours of literature with a C grade may apply for admission as English majors at the close of the sophomore year. To graduate as an English major it is necessary to have a minimum of thirty hours in English exclusive of such courses as are described in the catalog as not counting toward a major. The program carried for a major in English must be approved by the head of the department. All majors are required to take English 81 and 82. The English department requires evidence of intermediate proficiency in a foreign language for all English majors who wish the A.B. degree.

For those planning to go to graduate school it is desirable to build up a total of between 40 and 45 hours in English. These students are also to remember that a reading knowledge of French or German is usually required for an M.A. degree and a reading knowledge of both is required for a Ph.D. degree.

Those planning to teach English in secondary schools are required to take English 87, and they are advised to take at least four additional hours of composition, and the survey course in American Literature.

Those planning to teach in elementary school are required to take Education 54. They are advised to include courses that will give them a broad preparation in grammar, composition, reading, and literature.

Grammar
A non-credit course meeting twice a week for those who on the basis of an examination, show inadequate high school preparation for college.

11. Freshman Composition
THREE HOURS
Review of the fundamentals of grammar, punctuation, diction, usage, sentence structure, and paragraphing, with some expository writing and practice in business correspondence and in the research paper.

12. Freshman Composition
THREE HOURS
Practice in expository writing, including special drill in the planning and writing of papers stressing thinking.

31. World Literature
THREE HOURS
A study of world masterpieces in translation through the Renaissance.

32. World Literature
THREE HOURS
A study of world masterpieces since the Renaissance.
ENGLISH

38. The Short Story
TWO HOURS

A literature course involving the study of representative American and European short stories. For Sophomores.
BRAND BOTH SEMESTERS

51. Business English
TWO HOURS

Study of the various forms of business correspondence. Recommended for all who plan to major in Business Administration. Not to be counted toward an English major.
BRAND BOTH SEMESTERS

52. Journalism
THREE HOURS

A study of the technique employed in the various types of journalistic writing and a study of the place the newspaper occupies in modern society. Open to all who have six hours of composition credit.
BRAND BOTH SEMESTERS

53. Advanced Composition
TWO HOURS

Students in conjunction with the teacher may choose a field of writing in line with their own particular interests. Prerequisites: English 11 and 12, or their equivalents.
MUeller, Protheroe FIRST SEMESTER

54. Creative Writing
TWO HOURS

Of special interest to those who wish to cultivate the literary forms of writing. 53 is recommended but not required for admission.
MUeller, Protheroe SECOND SEMESTER

55. Shakespeare: Histories and Comedies
TWO HOURS

The most important comedies and Henry IV, Parts I and II. The treatment is chronological with an emphasis on Shakespeare's development as a comic dramatist.
TEN HOOR FIRST SEMESTER

56. Shakespeare: Tragedies
TWO HOURS

A chronological study of the most important tragedies emphasizing the evolution of Shakespeare's genius as a tragic dramatist.
TEN HOOR SECOND SEMESTER

57. Romantic Poetry
THREE HOURS

English poetry produced during the Romantic period from 1750 to 1832. Attention is given chiefly to Wordsworth, Coleridge, Byron, Shelley, Keats.
PROtheroe FIRST SEMESTER
ENGLISH

58. Eighteenth Century: Age of Pope or Age of Johnson
THREE HOURS
PROTHEROE SECOND SEMESTER

60. Victorian Age
THREE HOURS
Major figures in English prose and poetry between 1832 and 1890. Alternate Years, 1964-1965.
CARWELL FIRST SEMESTER

61. The English Novel
THREE HOURS
PRINS FIRST SEMESTER

62. The Modern European Novel
THREE HOURS
The nineteenth and twentieth century influences on the novel from Balzac to Camus.
PRINS SECOND SEMESTER

63. The American Novel
THREE HOURS
American novels from Hawthorne to Faulkner. For Juniors and Seniors.
PRINS FIRST SEMESTER

64. Contemporary Drama
THREE HOURS
A study of Ibsen and the contemporary drama of America and Europe.
SAVAGE SECOND SEMESTER

65. Survey in American Literature
THREE HOURS
From the colonial period to 1865. Recommended especially for those who plan to enter teaching and for those going on to graduate school.
MUELLER, HOLLENBACH FIRST SEMESTER

66. Survey in American Literature
THREE HOURS
From 1865 to the contemporaries. English 65 is recommended but not required for admission. Recommended for prospective teachers and graduate students.
MUELLER, HOLLENBACH SECOND SEMESTER

68. Literary Criticism
THREE HOURS
The principles of literary criticism as applied to poetry. Recommended for those who plan to go on to graduate school.
PRINS SECOND SEMESTER

72. John Milton
TWO HOURS
DE GRAAF FIRST SEMESTER
ENGLISH

74. The English Language
TWO HOURS
DE GRAAF SECOND SEMESTER

81. Survey of English Literature
THREE HOURS
A chronological survey of the trends and types of English literature with a standard anthology as text and supplementary readings. Required of all English majors.
DE GRAAF AND SAVAGE FIRST SEMESTER

82. Survey of English Literature
THREE HOURS
A chronological survey of the trends and types of English literature with a standard anthology as text and supplementary readings. Required of all English majors.
DE GRAAF AND PROTHEROE SECOND SEMESTER

83. Chaucer and His Times
THREE HOURS
The literature and ideas that spelled the end of the Middle Ages. A knowledge of Middle English is not required. Alternate Years, 1965-1966.
MUELLER FIRST SEMESTER

86. Spencer and His Times
THREE HOURS
The English Renaissance in the non-dramatic literature. The course aims to study literature as an expression of the new concepts that marked the Sixteenth Century. Alternate Years, 1964-1965.
MUELLER SECOND SEMESTER

87. Teaching of Secondary School English
TWO HOURS
Required for Secondary certificate. Not credited toward the English major.
DE GRAAF BOTH SEMESTERS

91. Advanced Studies in English
THREE HOURS
Research papers in preparation for graduate studies. One semester only for English majors who make request.
STAFF

100. Independent Study
THREE HOURS
A Senior Honors Project. (See page 41.)
STAFF BOTH SEMESTERS

FRENCH

See listing of French courses under the heading of "Romance Languages."
GERMAN

MR. GEARHART, CHAIRMAN; MR. HEINE, MR. MEGOW, MRS. SNOW

MAJOR: A minimum of twenty-five (25) hours above the elementary course (11, 12), is required. Not more than eight hours of work on the intermediate level (courses numbered below 50) will be accepted toward a major. The completion of the basic requirements or placement equivalent is a prerequisite to all courses above 50. It is recommended that majors preparing for graduate study should acquire two-year proficiency in a second foreign language, normally, French.

The sequence of courses in the first year of the major program will normally be 52, 61, and 62 plus the literature course offered in the second semester. Majors are urged to participate in the Hope College Vienna Summer School and/or Fall Semester Program.

Students who desire to teach the language should work out their program in consultation with their major professor and the German Department.

Students who have completed second year work are urged to use the language, wherever appropriate, in their research and study in other fields. Guidance may be obtained from members of the German Department regarding source materials in German.

11. Elementary German

FOUR HOURS
An intensive audio-lingual approach to the learning of German; reading of graded texts; study of essentials of grammar. For students with no previous study of German.

FIRST SEMESTER

12. Elementary German

FOUR HOURS
Continuation of course 11.

SECOND SEMESTER

31. Intermediate German

FOUR HOURS
Reading of more advanced graded texts which form the basis for conversation, composition, and grammar review. Prerequisite: German 11, and 12 or placement test equivalent.

FIRST SEMESTER

32. Intermediate German

FOUR HOURS
Continuation of course 31.

SECOND SEMESTER

52. Masterpieces

THREE HOURS
An introduction to the development of German literature in broad outlines. Reading of representative selections. Emphasis is on a continued acquisition of linguistic skills and the growth of a critical literary vocabulary. Prerequisite for all other literature courses.

FIRST SEMESTER
GERMAN

61. German Language I
TWO HOURS
A thorough review of German grammar and practice in composition. Emphasis on acquiring the ability to explain grammatical constructions. FIRST SEMESTER

62. German Language II
TWO HOURS
An intensive conversation course in which literary terminology is introduced, explained, and used. SECOND SEMESTER

63. Scientific German
TWO HOURS
Reading of science texts in German to develop a competency in specialized areas. Alternate years, 1965-66. SECOND SEMESTER

71. German Literature I
THREE HOURS
A study of 18th century German literature with emphasis on the Enlightenment and Classicism (Lessing, Schiller, Goethe). Alternate years, 1964-65. FIRST SEMESTER

72. German Literature II
THREE HOURS
A pro-seminar in the genres; designed to introduce students to the basic tools and methods of research in German literature. Selections from various periods with emphasis on the literature since Naturalism. Alternate years, 1964-65. SECOND SEMESTER

73. German Literature III
THREE HOURS
19th century German literature with emphasis on Romanticism and Realism. Alternate years, 1965-66. FIRST SEMESTER

81. Survey of German Literature
FIVE HOURS
A chronological study of the periods and types of German literature from its beginning to the present. Alternate years, 1965-66. SECOND SEMESTER

84. Teaching of Modern Languages

Required for German teaching major. See Education 84.

91. Readings in German
TWO HOURS
Individual reading in a specific area of interest under the supervision of an instructor designated by the chairman of the department. Senior majors only.
MR. ZSIROS

A general statement of the aims and recommendations in Classical Languages is found on page 53.

The Greek courses may be used to meet the college language requirement.

11. Elementary Greek
   FOUR HOURS
   Introductory study of the Greek language. Letters; syllables; accents; basic ideas; declension of nouns, adjectives, pronouns; adverbs; numerals; conjugation of verbs. Translation of appropriate material.

   FIRST SEMESTER

12. Elementary Greek
   FOUR HOURS
   Continuation of course 11.

   SECOND SEMESTER

31. Intermediate Greek
   THREE HOURS
   Formation and inflection of tense systems; conjugation of irregular verbs; formation of words. Translation, Plato: Apology.

   FIRST SEMESTER

32. Intermediate Greek
   THREE HOURS
   Continuation of course 31. Syntax; conditional, relative, temporal, causal sentences; consecutative and stipulative clauses; indirect discourse. Translation, Plato; Crito.

   SECOND SEMESTER

37. Classical Archaeology
   TWO HOURS
   A study and interpretation of the many remains of classical art and architecture. Open to all students except freshmen. A knowledge of Greek is not required.

   FIRST SEMESTER

53. Greek New Testament
   THREE HOURS

   FIRST SEMESTER

54. Greek New Testament
   THREE HOURS
   Continuation of course 53.

   SECOND SEMESTER

71. The Language of Homer
   THREE HOURS
   Reading of The Odyssey and The Iliad.

   FIRST SEMESTER

72. The Language of Homer
   THREE HOURS
   Continuation of course 71.

   SECOND SEMESTER
HISTORY MAJORS: A minimum of thirty semester hours is required for a major. In addition a total of twelve hours must be taken in two related fields. European Civilization and American History are basic courses for a history major and all students should have at least one course in a non-western area. Political Science 70, International Relations of the Far East, will be accepted as meeting this requirement. All seniors must take History 81. Students who intend to do graduate work in the field should have thirty-six hours of history and are urged to attain proficiency in two foreign languages.

15. European Civilization: 1500-1815
THREE HOURS
The development and growth of the modern state, the rise of nationalism and democracy, and the origin of capitalism with their attendant conflicts and struggles.
STAFF

16. European Civilizations: 1815 to the Present
THREE HOURS
The cause and effect relationship between the events and developments of the past and the problems and organizations of the present.
STAFF SECOND SEMESTER

33. History of the United States: 1492-1865
THREE HOURS
A survey in which the causal relations are emphasized. Special study is made of social, economic, and constitutional developments, and sectional problems. (Freshmen may enter only as special cases.)
STAFF

34. History of the United States: 1865-1945
THREE HOURS
Second portion of the survey course in American History. Emphasis is placed on industrial, labor, and agricultural problems, domestic and foreign policies, and economic and social legislation. (Freshmen may enter only as special cases.)
STAFF

51. The Ancient World
THREE HOURS
The cultures of the Tigris-Euphrates region, Egypt, the Eastern Mediterranean area, Greece, and Rome to the reign of Constantine. Alternate years.
CLARK FIRST SEMESTER
HISTORY

52. The Middle Ages
THREE HOURS
The rise, flowering, and decline of Medieval civilization from the reign of Constantine to the Renaissance. Alternate years.
CLARK SECOND SEMESTER

53. Renaissance and Reformation
THREE HOURS
The political, economic, religious, social, intellectual and artistic development of Europe up to the Peace of Westphalia. Prerequisite: History 15 and 16.
CLARK FIRST SEMESTER

55. History of England
THREE HOURS
The development of English political, social, and economic institutions from Roman times to the end of the Stuart period in 1715. Alternate years.
BARLOW FIRST SEMESTER

56. History of England
THREE HOURS
A continuation of History 55, with an analysis of the development of the modern democratic state and a study of the impact of British traditions on the Empire and the World. Alternate years.
BARLOW SECOND SEMESTER

57. American Diplomacy and Foreign Relations
THREE HOURS
The development of foreign policies with special emphasis upon the period in which the United States developed into a world power. Prerequisite: History 33 and 34. Alternate years.
POWELL FIRST SEMESTER

59. American Intellectual History
THREE HOURS
American thought from the colonial period to the present, with attention to the relationships with the history of ideas elsewhere in the world. Prerequisite: History 33 and 34. Alternate years.
BARLOW FIRST SEMESTER

60. Recent American History
THREE HOURS
Economic, social, and political problems facing the United States since 1932. Prerequisite: History 33 and 34, or consent of the instructor. Alternate years.
POWELL SECOND SEMESTER

62. Europe in the 19th Century
THREE HOURS
Covers the period from the Congress of Vienna to the outbreak of World War One. Particular attention will be given to the cultural and intellectual trends of Central Europe. Prerequisite: History 15 and 16. Alternate years, and in Vienna Summer School.
FRIED SECOND SEMESTER
63. Europe and the World Between Wars
THREE HOURS
The social, economic, political, and ideological changes in Europe and the areas affected by European policies during the inter-war period. Prerequisite: History 15 and 16. Alternate years.
FRIED FIRST SEMESTER

64. Europe and the World in the Atomic Age
THREE HOURS
The major phases of the Second World War and the political reorganization which followed it. Emphasis will be placed on recent economic, social, and political developments in the major areas of the Western world. Prerequisite: History 15 and 16. Alternate years.
FRIED SECOND SEMESTER

67. The Age of Louis XIV
THREE HOURS
European history from the Peace of Westphalia to the Peace of Utrecht with special emphasis on France. Substantial attention will be devoted to the major scientific and intellectual developments of the period. Prerequisite: History 15 and 16. Alternate years.
FIRST SEMESTER

68. The Age of the Enlightenment and the French Revolution
THREE HOURS
European history from the Peace of Utrecht to the Congress of Vienna featuring the interrelations of political, economic, social, and intellectual developments. Prerequisite: History 15 and 16.
SECOND SEMESTER

70. History of Rome
THREE HOURS
From the earliest times to about 476 A.D. An attempt to interpret the political history in the light of social, economic, and religious movements. Alternate years.
WOLTERS SECOND SEMESTER

71., 72. — Readings in Non-Western History
THREE HOURS PER SEMESTER
Independent study program, designed primarily to permit students to do extensive guided reading in areas which are not normally covered by formal courses offered in the Department, such as African, Latin American, Middle Eastern, Far Eastern, and Southeastern Asian History. In each case, students will be assigned to a member of the Department, who will guide and supervise reading. Prerequisite: Twelve hours in history, and consent of Department Chairman, upper class standing.
STAFF

76. Survey of Russian History to 1917
THREE HOURS
The development of the Russian state from its Kievian origins through the Romanov period to 1917. Emphasis will be placed on the geographic, economic, and social factors as they contributed to the growth of the Russian Empire. Alternate years.
POWELL FIRST SEMESTER
HISTORY

77. Soviet Russia Since 1917
THREE HOURS
The Russian Revolution and the development of the Soviet system. Particular attention will be given to the analysis of the social, economic, and political changes which have occurred in Russia during the past forty years. Alternate years.

POWELL SECOND SEMESTER

81. Seminar in History
THREE HOURS
A seminar course for history majors designed to advance further their mastery of historical method and their appreciation of the discipline of history as an achievement of man. Major emphasis will be placed on the development of sound research methods and acquiring familiarity with the significant source materials in specific fields. The course will also include readings from the masters of historical writing and analytical discussion of method and of schools of historical interpretation. On the recommendation of the instructor individual students may be permitted to continue the course for a second semester.

STAFF

GEOGRAPHY

42. World Regional Geography
THREE HOURS
The emphasis is on the industrialized countries of the world (North America, Russia, Europe and Japan).

HEINE FIRST SEMESTER

43. Human and Physical Geography
THREE HOURS
The emphasis is on the non-industrialized countries of the world. (Central and South America, Africa and Asia.)

HEINE SECOND SEMESTER

LATIN

MR. WOLTERS
A general statement of the aims and recommendations in Classical Languages is found on page 53.

MAJOR: A major in Latin may be met by completion of 25 hours of course work in the department, including Latin 71. Those who plan to enter teaching are also required to take Latin 72. In addition, majors must elect History 70, History of Rome.

11, 12. Elementary Latin
FOUR HOURS PER SEMESTER
The elements of grammar, reading, some study of English derivations, and an attempt to make the student aware of cultural implications.

BOTH SEMESTERS

31, 32. Intermediate Latin
FOUR HOURS PER SEMESTER
Selected readings from the period of Caesar and Cicero. Course 31 should normally follow two years of high school Latin.

BOTH SEMESTERS
LATIN

51. Readings from Virgil
THREE HOURS
Readings from Virgil or other writers of the Augustan period.
FIRST SEMESTER

52. Latin of the Church Fathers
THREE HOURS

SECOND SEMESTER

53. Medieval Latin
TWO HOURS
Material from various writers of the time when Latin was the universal language of culture. Alternate years.
FIRST SEMESTER

54. Roman Philosophy
TWO HOURS
Readings from Latin philosophical writings. Alternate years.
SECOND SEMESTER

55. Roman Civilization
THREE HOURS
Designed to stimulate an appreciation of the varied literary and other contributions of the Romans to our cultural heritage. Knowledge of the Latin language not required. Not open to freshmen.
FIRST SEMESTER

61. Selected Latin Authors
THREE HOURS
Intended for students of advanced standing who desire to concentrate on the study of a certain author or authors.
FIRST SEMESTER

62. Similar to 61
THREE HOURS
SECOND SEMESTER

71. Survey of Latin Literature
THREE HOURS
Designed to be a rapid comprehensive survey of national or classical Roman literature. Required of students who desire a teaching major in Latin or who plan to go into graduate work. Alternate years.
FIRST SEMESTER

72. Latin Writing
TWO HOURS
Intended especially for those who plan to teach Latin. Required of teaching majors.
SECOND SEMESTER

81. Readings in Latin
TWO OR THREE HOURS
Individual reading in a specific area of interest under the supervision of the chairman of the department. Senior majors.

History of Rome. See History 70
All courses require a minimum of one year of high school algebra and one year of high school geometry. At the time of his entry into college, a student will be given one of two proficiency examinations. If he plans to study calculus, the examination will determine whether he should enroll initially for Mathematics 15 or 26. If his proposed college program does not include calculus, the examination will determine whether he should enroll for Mathematics 23 or 35 in order to fulfill the mathematics requirement for graduation.

MAJOR: A major in mathematics consists of a minimum of 30 hours in the department including at least three courses from the following: 55, 56, 62, 65, 66, 71, 81, 82, and 91. Physics 33 and 34, or equivalent, are required. Courses 21 and 23 may not be counted toward a major. Students planning to attend graduate school should include all of the above courses with the possible exception of 62 in their programs. Students planning to become secondary school teachers should include 55, 56, 62, 65, 66 in their programs.

11. Intermediate Algebra
NO CREDIT
This course is the same as third semester high school algebra.

12. Solid Geometry
NO CREDIT
This course covers the essentials of Euclidean geometry of three dimensions.

15. College Algebra and Plane Trigonometry
FOUR HOURS
Prerequisites: Three semesters of high school algebra or Course 11 and plane geometry.

21. Engineering Drawing
THREE HOURS
Solid geometry is strongly urged as a prerequisite.

23. Fundamentals of Mathematics I
THREE HOURS
The nature and structure of mathematics for the non-science student. Included is a survey of traditional and modern topics intended to give a broad understanding of the meaning and usefulness of the field.

24. Fundamentals of Mathematics II
THREE HOURS
A continuation of Mathematics 23. Prerequisite: Course 23.

26. Analytical Geometry and Calculus I
FOUR HOURS
Basic analytical geometry of the straight line and the parabola. Introduction to calculus involving differentiation and integration of algebraic functions with applications. Prerequisite: Course 15 or equivalent.
35. Introductory Statistics
THREE HOURS
A general introduction to the area of statistics for students majoring in other departments. Not open to mathematics majors.
FOLKERT

41. Descriptive Geometry
THREE HOURS
Prerequisite: Course 21 or equivalent.
STEKETEE  SECOND SEMESTER

45. Analytical Geometry and Calculus II
FIVE HOURS
A continuation of Course 26. Course includes study of the conics, transcendental functions, parametric equations, L'Hospital's rule, Newton's method, polar coordinates, formal integration with applications to arc length, surface of revolution, volumes and fluid force.
STAFF

46. Analytical Geometry and Calculus III
FIVE HOURS
A continuation of Mathematics 45 including the study of curvilinear motion, vectors, approximate integration, infinite series, solid geometry, partial derivatives, double and triple integrals and introduction to differential equations.
STAFF

55. Mathematical Probability and Statistics I
THREE HOURS
Concepts of probability, probability and distribution functions of random variables, mean, variance and moment generating functions of distribution. Prerequisite: Course 45. Alternate years.
FOLKERT  FIRST SEMESTER

56. Mathematical Probability and Statistics II
THREE HOURS
Continuation of Mathematics 55 emphasizing statistics. Sampling theory, estimation, testing hypotheses, regression and basic analysis of variance. Prerequisite: Courses 46 and 55. Alternate years.
FOLKERT  SECOND SEMESTER

62. College Geometry
THREE HOURS
Euclidean geometry with emphasis on synthetic development. Prerequisite: Course 26 with 45 recommended. Alternate years.
STEKETEE  SECOND SEMESTER

65. Modern Algebra
THREE HOURS
A study of sets, groups, rings, integral domains, and fields. Alternate years.
FOLKERT  FIRST SEMESTER
MATHEMATICS

66. Linear Algebra
THREE HOURS
Vector spaces, matrices, determinants, and linear transformations with applications: Prerequisite: Course 45 with 65 strongly recommended. Alternate years.

FOLKERT  SECOND SEMESTER

71. Differential Equations
THREE HOURS
A study of ordinary differential equations. Prerequisite: Course 46.

SHERBURNE

81. Advanced Calculus I
THREE HOURS
Prerequisite: Course 46, with 71 strongly recommended.

FOLKERT

82. Advanced Calculus II
THREE HOURS
Prerequisite: Course 81.

FOLKERT

89. Teaching of Mathematics in the High School
See Education 89.

91. Advanced Studies in Mathematics
TWO OR THREE HOURS
Intended for seniors who plan graduate work in mathematics or in fields where advanced mathematics is applied. First semester work covers topics in applied mathematics. Second semester work involves topics in pure mathematics. A student may enroll for either or both semesters. Prerequisite: Permission of Chairman of Department.

STAFF

MUSIC

MR. CAVANAUGH, CHAIRMAN; MR. ASCHBRENNER, MR. CECIL, MR. DAVIS, MISS HOLLEMAN, MR. KOOIKER, MISS MORRISON, MR. RIDER

The Music Department of Hope College has two aims: to supply the liberal arts student with an elective musical background which will assist him in being aware and appreciative of the growing musical heritage of civilization, and to train the student who wishes to make music his individual vocation. A student in the first group will find ample opportunity to enrich his musical knowledge by enrolling in the Introduction to Music Course, in any of the fundamental Theory courses, and any of the Applied Music courses. A student of the second group, if he wishes to teach music in the school systems, should select the Elementary or Secondary Music Education program; if he does not desire to teach in the schools, but wishes to prepare himself as a performing artist, he should select the Applied Music Major program. Either major course is also designed as a basic program toward the continued study in graduate schools of music.

MAJOR: A student who wishes to major in music must start work in the department in his Freshman year, following the suggested schedule closely. See page 125 for a suggested procedure for
the first two years. At the close of his Sophomore year he will make written application to the Chairman of the Department, at which time he will be admitted or rejected as a major in the Music Department by a decision of the Music Faculty. A major in Secondary Music Education requires a minimum of 53 hours in music courses; in Elementary Music Education, 45 hours; and in Applied Music, 51 hours.

MINOR: The music minor requirements for elementary teacher certification are 15 hours of music. Courses 15, 16, 17, and 55 are required. The music minor requirements for secondary teacher certification are 18 hours of music. Courses 15, 16, 17, and 74 or 76 are required.

Secondary Vocal Music Education

Theoretical Subjects:  Music 15, 16, 17, 18, 31, 32, 33, 34, 51, 52, 71, 75, 76 — 35 hours

Applied Subjects:  Major area (Voice, Piano or Organ) — 10 hours
                   Minor area (Piano or Organ, Voice) — 4 hours

Music Electives:  4 hours

Total: 53 hours

Every major in Vocal Music Education must put in three full years' work in one of the Choirs. It is strongly recommended that the course in Music 55 be taken as a methods course under the Education Department.

Secondary Instrumental Music Education

Theoretical Subjects:  Music 15, 16, 17, 18, 31, 32, 33, 34, 51, 52, 57, 58, 71 — 35 hours

Applied Subjects:  Major area (String, Wind, Brass or Percussion Instruments) — 8 hours
                   Minor area: Strings 28I, 28II; Winds 28; Brass 28; Piano (2 hours) — 6 hours

Music Electives:  4 hours

Total: 53 hours

Every student whose major applied instrument is brass, wind or percussion is required to be a member of the band and 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 and an instrument ensemble for a minimum of three years.

Course 74 is required as a methods course under the Education Department as Education 74.

Elementary Public School Music

Theoretical Subjects:  Music 15, 16, 17, 18, 33, 34, 55, 56, 71, 57 or 75 — 25 hours.

Applied Subjects:  (with Vocal Emphasis) Voice — 7 hours; Piano or organ — 7 hours
                   (with String Emphasis) Strings — 7 hours; Winds — 1 hour; Brass — 1 hour; Percussion — 1 hour; Piano — 3 hours; Voice — 1 hour.
MUSIC
(with Brass or Wind Emphasis)
Brass or Wind — 7 hours; Strings — 2 hours; Brass or Wind — 1 hour; Percussion — 1 hour; Piano — 2 hours; Voice — 1 hour. Total for each: 14 hours.

Electives:
5 hours
Grand Total — 45 hours.

Applied Music

Theoretical Subjects: Music 15, 16, 17, 18, 31, 32, 33, 34, 51, 52, 71, 57, and 75 — 35 hours.

Applied Subjects: (One combination)
1. Voice (10 hours), Piano (4 hours) and Ensemble (2 hours) — 16 hours.
2. Organ (10 hours), Voice (4 hours) and Ensemble (2 hours) — 16 hours.
3. Piano (10 hours), Voice (2 hours) and Instrument (2 hours) — and Ensemble (2 hours) — 16 hours.
4. Instrument (10 hours), Piano (4 hours) and Ensemble (2 hours) — 16 hours.
Total: 51 hours.

Theoretical Courses

13. Fundamentals of Music
TWO HOURS
For students desirous of becoming more familiar with music. Sight-singing, melodic and rhythmic dictation. For non-majors. Strongly recommended for admission to Music 55.

DAVIS FIRST SEMESTER

15. Theory I
FOUR HOURS
For music majors with emphasis on the fundamentals of music. The study of triads, intervals, keys, scales, cadences, sight singing, melodic and harmonic dictation, and keyboard harmony. Course meets daily.

ASCHBRENNER, CECIL FIRST SEMESTER

16. Theory I
FOUR HOURS
Continuation of course 15. Introduces seventh chords, modulation, and the study of four-part writing. Dictation and keyboard drill are continued. The course meets daily.

ASCHBRENNER, CECIL SECOND SEMESTER

17. Introduction to Music
THREE HOURS
Development of skills in listening intelligently to music, with emphasis upon the development of music as an art.

STAFF BOTH SEMESTERS
18. Music Literature Before 1750
TWO HOURS
Prerequisite: Music 17 or consent of instructor. 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. Alternate years, 1965-1966.
CAVANAUGH  SECOND SEMESTER

31. Theory II
THREE HOURS
Prerequisite: 15 and 16. A continuation of Theory I, with emphasis on part writing. Includes altered chords, transition and modulation, chromaticism, harmonic analysis, and considerable original work.
KOOIKER  FIRST SEMESTER

32. Theory II
THREE HOURS
Continuation of course 31.
KOOIKER  SECOND SEMESTER

33. Music Literature of the Classic and Romantic Periods
TWO HOURS
Prerequisite: Music 17 or consent of instructor. Includes the history and literature of music after 1750 and extending through the Romantic Period. Special emphasis is placed on the works of Haydn, Mozart, Beethoven, and Schubert. Alternate years, 1964-1965.
CECIL  SECOND SEMESTER

34. Music Literature Since 1900
TWO HOURS
Prerequisite: Music 17 or consent of instructor. The styles and development in musical literature of the past sixty years. Contemporary trends and the other art forms will be included, and various individual composers will be studied, as well as the larger schools of musical thought. Alternate years, 1964-1965.
RIDER  FIRST SEMESTER

51. Form and Analysis
TWO HOURS
Prerequisite: Theory I and Theory II. A practical and analytical course in the structure of music, as well as the harmonic and polyphonic devices employed in representative major works. Alternate years, 1964-1965.
CAVANAUGH  FIRST SEMESTER

52. Form and Analysis
TWO HOURS
CAVANAUGH  SECOND SEMESTER
MUSIC

54. Piano Methods
ONE HOUR
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. Alternate years, 1964-65.

PIANO STAFF  SECOND SEMESTER

55. Elementary Music Methods
TWO HOURS
A practical presentation of how to teach music to school children, using simple instruments, functional piano-playing, demonstration of methods and materials. Designed for the classroom teacher. Same as Education 79.

HOLLEMAN

56. Advanced Elementary Music Methods
TWO HOURS

STAFF  SECOND SEMESTER

57. Orchestration and Conducting
THREE HOURS
Prerequisite: Music 32. Orchestral and band scoring with emphasis on the technique of the baton and the rehearsal problems of instrumental groups. Includes work with brass and woodwind ensembles, progressing to the scoring of music for symphonic band. Alternate years, 1964-65.

RIDER  FIRST SEMESTER

58. Orchestration and Conducting
THREE HOURS
Continuation of course 57. Includes string ensembles and the adaptation of vocal, piano and organ works for symphonic orchestra. Alternate years, 1964-65.

RIDER  SECOND SEMESTER

71. Senior Pro-Seminar in Music
TWO HOURS
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.

STAFF  FIRST SEMESTER

74. Secondary Instrumental Methods and Administration
THREE HOURS
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, 1965-1966.

RIDER  FIRST SEMESTER
MUSIC

75. Choral Conducting
THREE HOURS

A practical study of conducting choral music. The requirements for the first two years of a music major are advisable as a prerequisite. Alternate years, 1965-1966.
CAVANAUGH  FIRST SEMESTER

76. Secondary Vocal Methods
THREE HOURS

The study and observation of secondary teaching techniques, with examination of materials. The requirements for the first two years of a music major are advisable as a prerequisite. Alternate years, 1964-65. Same as Education 73.
HOLLEMAN  SECOND SEMESTER

77. Music of the Church
TWO HOURS

Includes a survey of the music of the church: early Christian music, Gregorian chant, the evolution of polyphony, and the influence of the Reformation. Also the study of liturgy, the nature of worship, and the function of music in the service of worship. Extensive use is made of selected readings, the hymnal and recordings. Recommended for pre-seminary students.
DAVIS  FIRST SEMESTER

Applied Music Courses

All courses in Applied Music are open to students of varying degree of preparation, from beginners to advanced students. All music majors are required to pass an examination each semester under the jury system, and after approval by a faculty jury are required to appear in recital during the senior year. In the case of music education majors, recital participation will be determined by the music faculty. A schedule of Applied Music fees will be found on page 24.

A maximum of 3 semester hours of Choir, Band or Orchestra will be allowed as elective credit toward a major in music.

All private lessons are of 30 minutes duration. Lessons in Applied Music will not be made up unless the student notifies the instructor a reasonable time in advance of his 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, consisting of at least one half hour per day for each weekly voice lesson and at least one hour per day for each weekly piano, organ, or instrumental lesson. Students studying piano privately are required to accompany for a minimum of one lesson per week during course of study.

21, Piano; 23, Voice; 25, Organ; 27, Instrument (violin, viola, cello, string bass, flute, oboe, clarinet, bassoon, trumpet, French horn trombone, percussion.)
MUSIC

The above private lessons are open to all students in relation to their degree of proficiency.

CLASS INSTRUCTION

Class instruction is offered in Voice, Piano, Strings, Brass, Woodwind, and Percussion. The course number is one higher than that in private instruction. Individual restrictions are as follows:

Voice Class —
Open to all students, with a limitation of two hours total credit to voice majors and four hours total credit to all other students.

Piano Class —
Open to all beginning students with the exception of piano majors to whom it is closed entirely. Limited to two hours total credit.

Instrument Class —
Limited to two hours total credit in Violin and Strings, and one hour total credit in Brass, one hour in Woodwinds, and one hour in Percussion. Violin and Strings offered throughout the year, odd years only. Brass offered first semester, even years. Woodwinds offered second semester, even years. Percussion offered first semester, even years.

10. Chapel Choir
ONE HOUR
Membership of approximately 70 voices determined each Spring by auditions from members of the Chancel Choir.

CAVANAUGH

10c. Chancel Choir
ONE-HALF HOUR
Membership open to all interested students.

DAVIS

20. Orchestra
ONE-HALF HOUR
Membership determined by tryouts at the beginning of the Fall term.

RIDER

30. Band
ONE-HALF HOUR
Membership determined by tryouts at the beginning of the Fall term.

CECIL

40. Symphonette
ONE-HALF HOUR
Membership determined by tryouts at the beginning of the Fall term.

RIDER
MUSIC

50. Piano Ensemble
ONE-HALF HOUR

An applied music course in two-piano work. Standard repertoire of original two-piano compositions of Mozart, Brahms, etc. are used. Prerequisites: Piano-playing ability of at least a third-grade level.

HOLLEMAN BOTH SEMESTERS

70. Instrumental Ensemble
ONE-HALF HOUR

Designed to acquaint the student with small ensemble literature and give him the opportunity to play as much of it as possible. Prerequisite: Permission of instructor.

RIDER BOTH SEMESTERS

PHILOSOPHY

MR. DYKSTRA, CHAIRMAN; MR. JENTZ

Philosophy is ambivalent: it is a subject matter, and it is a mode and habit of critical reflection whose subject-matter can be virtually any item in any human experience. For this department, philosophy is always an act of inquiry; its subject-matter is ancillary to, and at any given time, the distillation of the unceasing process of inquiring. In the contexts of a Liberal Arts education, philosophy can, and therefore must, serve equally three classes of students.

1. Those interested in the wide range of inquiries that characterizes Liberal Arts education. Philosophy seeks to involve these students in fundamental questions which are unique to any one of the identifiable disciplines or common to several or all of them; to develop competence in critical thought; and to open up possibilities for relating the broad areas of human experience and learning to each other.

2. Those whose main educational interest is in specialized areas. For these philosophy is chiefly the critical analysis of the fundamental concepts employed in the various specialized disciplines (e.g. art, religion); an examination of the kinds of validity achieved in each; and a major means by which a student can achieve such a self-awareness in his discipline that his ventures in the discipline may become explicitly purposive and so promise to be also highly creative.

3. Those who expect to major in philosophy. For these the department provides opportunity to become familiar with the history of philosophical thought and with the major special fields of philosophical inquiry; or in other words, to come as close as possible to stepping into the stream of philosophy at the point of development it has now reached, and to become realistically involved in this contemporary stream — in part
by discovering by what rationale it has arrived where it now is, and in part by locating the hitherto unresolved issues in philosophy.

MAJOR REQUIREMENTS: A minimum of thirty hours in the department. Specific required courses: 11, 21, 31, 51, 53, and 61 or 62. Students who expect to do graduate work must take 61, and 32, 52, and 72, and at least two of the Seminars (91, 92, 93, 94).

Majors will also be required to have achieved a level of competence equivalent to that of two years of college foreign language study, with strong preference for German.

Majors contemplating graduate study will also be subject to a comprehensive examination in the history of Philosophy, based on a reading of a select list of the major philosophical classics which is made available at a time prior to beginning the formal major program. The examination will be given at the beginning of a student's final semester.

Some variations from these specific requirements are possible, but only by formal departmental action, in cases where the particular interests of a student seem to be better served by such variations. A typical course for those who major will include courses 11, 21, 31, and 32 in the Freshman and Sophomore years, though failure to include these courses in the first two years will not preclude one's majoring in the department.

11. Introduction to Philosophy
THREE HOURS
Raises the fundamental problems of philosophy, pointing out how the problems are implied in ordinary experience, examining some of the major options that have been proposed in modern times, and becoming involved in the dialogue between them. Analysis of the nature of philosophical reasoning. Readings are from the primary sources.
BOTh SEMESTERS

21. Introductory Logic
THREE HOURS
Articulation of the various classic structures of the human reasoning processes: the elementary forms of deductive and inductive reasoning. Development of skills in the use of the various methods. Examination of the forms of creativity in thought.
BOTh SEMESTERS

Note: the following six courses are devoted specifically to the study of the history of philosophy, and are regarded as of central importance in the major program. This is so, not because the answers to the major questions have all been found in the past, but because
the history does disclose both possible questions and possible answers. Thus it gives both range and depth to the inquiry. Here also, in one sense or another, we can progress because we can stand on the shoulders of the past. The history is studied not merely as a succession of opinions, nor merely for its information value, but as a continuous process of critical search for truth, and even for what is the meaning of truth. All the courses involve extensive reading, chiefly in primary source materials. Additional and more intensive study of some part of the history occurs also in the seminars.

31. Ancient Philosophy
THREE HOURS
Greek philosophy from its beginnings through the later moralists.
FIRST SEMESTER

32. Medieval Philosophy
TWO HOURS
Late Greek religious philosophies, early Christian thought, and the emergence, flowering, and disintegration of Medieval philosophy.
SECOND SEMESTER

51. Early Modern Philosophy
THREE HOURS
From Descartes through German Idealism, with the major emphasis on the epistemological and the metaphysical issues.
FIRST SEMESTER

52. Nineteenth Century Philosophy
TWO HOURS
The major developments in social philosophy, the struggles of philosophy in adjusting to the developing scientific method and worldview, and the various idealistic emphases.
SECOND SEMESTER

53. Twentieth Century Philosophy
THREE HOURS
The major tendencies: Realism, Pragmatism, Analytical Philosophy, and Existentialism.
SECOND SEMESTER

54. Oriental Thought
THREE HOURS
Analytical and Critical study of the major traditions of Chinese and Indian thought, and the major variants on the fundamental themes. Particular attention to primary distinctions between Oriental and Occidental philosophies and cues for rapprochement between them; and to the possibilities of a religious world-view by critical comparisons of Oriental and Occidental religious philosophies.
SECOND SEMESTER
61. History of Ethical Theory

THREE HOURS

Survey of the important types of ethical emphasis, with a critical analysis aimed to discover whether and what kind of progress there may have been, what key options remain open in ethical philosophy, and what we can do with them. Readings in major classics of ethical thought from the Greeks until now, with a special attention to contemporary issues in philosophical ethics. Alternate years, 1964-65.

FIRST SEMESTER

62. Ethics in Practice and Theory

THREE HOURS

An attempt to clarify the nature of ethical thinking, by identification of concrete ethical issues in ordinary experience, examination of the criteria for determining that an issue is a moral one, the developments of procedures for resolving such issues, and, in this context, reflections on the nature of ethical theory. Alternate years, 1965-66.

SECOND SEMESTER

64. Philosophies of Man

THREE HOURS

A symposium type of study of the various concepts of man that have been proposed as seriously intended images of the nature of man, an inquiry as to whether modern culture is or is not down-grading man's image, and whether more carefully critical concepts of man may contribute to revitalization of modern culture. Alternate years, 1964-65.

SECOND SEMESTER

67. Epistemology

THREE HOURS

A summary of the major issues involved in the problem of knowledge, an appraisal of past work in epistemology with a view to determining the exact nature of its contributions, of its limitations, and what to do about them. Alternate years, 1964-65.

FIRST SEMESTER

68. Metaphysics

THREE HOURS

Clarification of the meanings of metaphysics in history; examination of the senses in which metaphysics is possible or impossible, and of the conditions for its being worth doing. Alternate years, 1964-65.

SECOND SEMESTER

72. Symbolic Logic

THREE HOURS

An introduction to the methods of formal logic, with emphasis placed upon the applicability of these techniques in the various kinds of discipline. Prerequisite: Philosophy 21. Alternate years, 1965-66.

SECOND SEMESTER
PHILOSOPHY

73. Philosophy of the Natural Sciences
THREE HOURS

Understanding of modern science by examination of its continuities and divergencies from alternative versions of what science is, and by clarification of its fundamental concepts and methods. Identification of assumptions of the sciences and critical analysis to determine the conditions for their validity. Methods of unification in the sciences. Relations between science and ethics, art, and religion.
FIRST SEMESTER

74. Philosophy of the Social Sciences
THREE HOURS

An analysis of the social sciences comparable to the analysis of the natural sciences in philosophy 73, with added question whether social science can properly be science in the same sense as the natural sciences. Conditions for creative advance in the social sciences. Alternate years, 1964-65.
SECOND SEMESTER

75. Philosophy of Religion
THREE HOURS

Examination of the meanings and grounds of religious belief, of the possibility of establishing a rational religious world-view, and of the relations between religious world-views and their alternatives.
FIRST SEMESTER

76. History of Social and Political Philosophy
THREE HOURS

The major modes of rational understanding of the nature of Society and the State from classical times until the emergence of the scientific approach to problems of society, and in this setting, an examination of the advantages and possible liabilities of a scientific method as applied to the problems of society. Alternate years, 1965-66.
SECOND SEMESTER

78. Aesthetics
THREE HOURS

SECOND SEMESTER

91, 92, 93, 94. Seminars
TWO HOURS

One seminar per semester may be taken during each semester of both the Junior and Senior years. Extensive readings in selected works and writing of papers of varying kinds.
BOTH SEMESTERS
REQUIRED PHYSICAL EDUCATION: All students are required to take two semester courses in physical education activities. These courses are to be taken during the freshman year.

All persons taking physical education activity classes or participating in the intramural program must be checked annually by the college health service. Those participating in intramurals must have their physical before the first contest in which they are to take part. Certification of physical condition, in writing, from the college health service must be filed with the department of physical education.

PROGRAM FOR A MINOR IN PHYSICAL EDUCATION:

Men — Any male student may be granted a minor in physical education for teacher certification by successfully completing a minimum of 20 hours including Biology 14 and 35, Physical Education 31, 51, 49 or 56, 52, 75 or 76 and the Physical Education activities courses 21 and 22.

Women — Any woman student may be granted a minor in physical education for teacher certification by successfully completing a minimum of 21 hours including Biology 14 and 35, Physical Education 31, 51, 52, 56, 73 or 74, 75 or 76, and the Physical Education Activities courses 11, 12, 15 and 16.

11. Field Hockey and Gymnastics. (W)  
ONE HOUR  
Nine weeks will be given to learning techniques and team strategy as well as actual game play in each of these sports.

12. Volleyball and Softball. (W)  
ONE HOUR  
Nine weeks will be given to learning techniques and team strategy as well as actual game play in each of these sports.

14. Archery and Badminton. (W)  
ONE HOUR  
An opportunity to develop skills and to acquire fundamental knowledge in each of these activities.

15. Folk and Square Dance. (M,W)  
ONE HOUR  
Fundamental rhythms and representative folk dances of various countries, in addition to Early American Square Dances.

16. Tennis and Basketball. (W)  
ONE HOUR  
An opportunity to develop skills and to acquire fundamental knowledge in each of these sports.
PHYSICAL EDUCATION

17. Badminton and Golf. (W)

ONE HOUR

Nine weeks will be given to the development of skills and to the actual playing of each of these activities.

PYLE

21. Physical Education Activities. (M)

ONE HOUR

A required course for all men students to be taken in the freshman year. Includes calisthenics, participation in team sports such as speed-ball, basketball, volleyball and softball, and participation in individual sports such as tennis, badminton, weight lifting, archery, bowling, handball and golf.

BREWER, DE VETTE, GREEN

22. Continuation of 21

31. Introduction to Physical Education. (M,W)

TWO HOURS

Orients the student to professional work in this field. Includes history, principles, philosophy, aims and objectives of physical education. Required of all physical education minors, it should be elected in the freshman or sophomore year.

SIEDENTOP FIRST SEMESTER

49. Athletic Training and Conditioning. (M)

ONE HOUR

The procedures used in treating injuries. Students are taught to observe and recognize the symptoms which indicate very serious injury.

GREEN FIRST SEMESTER

51. Organization and Administration of Health and Physical Education. (M,W)

THREE HOURS

Designed to acquaint the student with the problems of administering a physical education program in a typical public school. The entire program of required, intramural and inter-school physical education is discussed and studied. Prerequisite: Physical Education 31.

GREEN FIRST SEMESTER

52. Anatomy and Kinesiology. (M,W)

THREE HOURS

The musculo-skeletal system and its action, with special reference to the field of health and physical education. Prerequisite: Biology 35.

GREEN SECOND SEMESTER
54. Community Recreation. (M,W)
TWO HOURS
Traces the development of the modern recreational movement, studies the principles and practices in the organization of recreational group work, and presents the methods of planning and administering community recreation programs. This course is valuable for those planning to enter the ministry, teaching, scout work, or religious education, as well as for those who plan to enter community recreation work.

DE VETTE  SECOND SEMESTER

56. First Aid. (M,W)
ONE HOUR
Methods of giving aid in case of accident or sudden illness. Alternate years, 1964-1965.

PYLE  SECOND SEMESTER

63. Fundamentals and Techniques of Football and Basketball. (M)
TWO HOURS
The fundamentals of these sports and the techniques and theories of coaching them at the high school level. A study of the rules is included. The course requires three class meetings a week. Football will be studied the first eight weeks and basketball the last eight weeks of the semester. Not open to freshmen.

DE VETTE  FIRST SEMESTER

64. Fundamentals and Techniques of Baseball and Track. (M)
TWO HOURS
The fundamentals of these sports and the techniques and theories of coaching them at the high school level. A study of the rules is included. The course requires three class meetings a week. Baseball will be studied the first eight weeks and track the last eight weeks of the semester. Not open to freshmen.

SIEDENTOP, BREWER  SECOND SEMESTER

68. Analysis of Physical Education Skills. (M,W)
TWO HOURS
The mechanics involved in the performance of the movements used in team, dual and individual sports. Physical education 31 and 52 prerequisites.

GREEN  SECOND SEMESTER

73. Teaching and Officiating Team Sports. (W)
TWO HOURS
The analysis of skills, teaching progressions, class organization and testing procedures for hockey, speedball, soccer, and volleyball will be covered in three hours each week of either lecture or practical laboratory work in an activity class. In addition, the technique of officiating and the knowledge of the organization of intramurals will be acquired through assisting in the Women's Intramural program one hour each week. Alternate years.

PYLE  FIRST SEMESTER
PHYSICAL EDUCATION

74. Teaching and Officiating Team Sports. (W)
TWO HOURS
The analysis of skills, teaching progressions, class organization and testing procedures for basketball and softball will be covered in three hours each week of either lecture or practical laboratory work in an activity class. In addition, the technique of officiating and the knowledge of organization of intramural will be acquired through assisting in the Women's Intramural program one hour each week. Alternate years.
PYLE  SECOND SEMESTER

75. Teaching Physical Education in the Elementary School. (M,W)
TWO HOURS
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 and each student is required to do practice teaching in these activities as part of the class work. Elective to prospective elementary school teachers and women taking a minor in Health and Physical Education.
PYLE

76. Teaching Physical Education in the Secondary School. (M,W)
TWO HOURS
The fundamentals and rules of games of higher organization, and of mass and individual sports. Practical experience is given in lesson planning, organizing, teaching and officiating. Alternate years, 1962-1963.
GREEN  SECOND SEMESTER

PHYSICS

MR. FRISSEL, CHAIRMAN; MR. KLEIS, MR. BEERY

The non-science major, to meet his science requirement, may choose from courses Physics 15, 16, 21, and 25. Although courses Physics 31, 32, 33, 34 are designed for science majors, they too may be used to satisfy the science requirement. Credit will not be allowed for both 15 or 16 and any of the general physics courses.

For the physics major 25 semester hours are required from the courses numbered 33 or higher and are to include Physics 61, 76, and 77. Those planning on graduate study are advised to take 35-40 hours in physics, and mathematics through differential equations and advanced calculus.

15. Physical Science
FOUR HOURS
Recitation three hours and one two hour laboratory per week. This course gives a historical, philosophical as well as scientific but still non-mathematical approach to the physical universe around us. The course attempts to emphasize the unity and coherence of the universe's structure and the basic operational principles with which we describe natural phenomena. This course too serves to give a conceptual framework which is fundamental and helpful to interpretations in other descriptive science courses the student might encounter.
STAFF  FIRST SEMESTER

91
16. Physical Science

FOUR HOURS

Recitation four hours, no laboratory. This course is a continuation of Physics 15 with somewhat of a greater emphasis on the historical and philosophical aspects. Many of the modern advances of science are considered in a descriptive fashion and an attempt is made to assess the implications of these advances.

STAFF  SECOND SEMESTER

21. Musical Acoustics

TWO HOURS

Offered on demand. This course is designed to train people to assess sound phenomena on the basis of physical principles and to separate the subjective and objective aspects of sound phenomena. Students of music should receive special benefit from this study.

BEERY  SECOND SEMESTER

25. Astronomy

THREE HOURS

A survey of the physical universe; what we know and how we know it. Some observational work is included. Prerequisite: Sophomore standing. Alternate years, 1963-64.

SHERBURNES

31. General Physics

FIVE HOURS

Mechanics of solids and liquids, sound and heat. Recitation, four hours; laboratory, one two-hour period per week. Prerequisite: Trigonometry.

KLEIS  FIRST SEMESTER

32. General Physics. Continuation of General Physics 31

FIVE HOURS

Magnetism, electricity and light. Recitation, four hours; laboratory, one two-hour period per week. Prerequisite: Trigonometry.

KLEIS  SECOND SEMESTER

33. General Physics

FIVE HOURS

Mechanics of solids and liquids, sound and heat. Recitation four days: Laboratory, one two-hour period a week. Prerequisites: Mathematics 26, 45 or must be taken concurrently.

BEERY  FIRST SEMESTER

34. Continuation of General Physics 33

FIVE HOURS

Magnetism, electricity, light and modern physics. Recitation four days: laboratory, one two-hour period a week. Prerequisites: Mathematics 45 or must be taken concurrently.

BEERY  SECOND SEMESTER

51. Modern Physics

THREE HOURS

Charged particle behavior in electric and magnetic fields, special theory of relativity, quantum effects, atomic structure, X-ray and atomic spectra. Prerequisites: Physics 33, 34. Mathematics 26, 45, 46.

FRISSEL  FIRST SEMESTER
PHYSICS

52. Nuclear Physics
THREE HOURS
Recent nuclear experiments and results and the evidence they furnish concerning nuclear models, forces, structure, decay, reactions, and energy. Prerequisite: Physics 51. Alternate years, 1962-63.

FRISSEL  SECOND SEMESTER

53. Electronics
THREE HOURS
Charge behavior in force fields, characteristics of vacuum tubes and semiconductors, complex impedances, methods of circuit analysis, and electronic devices. Classroom two hours per week, laboratory three hours per week.

BEERY  FIRST SEMESTER

54. Continuation of Electronics 53
THREE HOURS
Applications of electronics to special circuits, and an introduction to transmission lines and microwaves. Classroom two hours per week, laboratory three hours per week. Physics 53, Mathematics 26, 45, 46.

BEERY  SECOND SEMESTER

61. Analytical Mechanics
THREE HOURS
Vector calculus, statics and dynamics of particles and rigid bodies, and central forces. Prerequisites: Physics 33 and 34, and Mathematics 26, 45, 46.

FRISSEL  FIRST SEMESTER

62. Continuation of Mechanics 61
THREE HOURS
Moving coordinate systems, mechanics of continuous media, Lagrange and Hamilton formulation, inertia and stress tensors, small vibrations. Prerequisite 61 and Mathematics 26, 45, 46.

FRISSEL  SECOND SEMESTER

63. Thermodynamics
THREE HOURS
An advanced course for students of physics, chemistry, and engineering, dealing with concepts of work, internal energy, heat, reversibility, and entropy, with examples and applications. Prerequisites: Physics 33, 34, Mathematics 26, 45, 46. Alternate years, 1962-63.

FRISSEL  FIRST SEMESTER

71. Electricity and Magnetism
FOUR HOURS
Circuit elements and instruments, dielectrics, electric and magnetic force fields, and magnetic properties of materials. Prerequisites: Physics 33, 34; Mathematics 26, 45, 46. Alternate years, 1963-64.

FRISSEL  FIRST SEMESTER

72. Physical Optics
THREE HOURS
Wave motion, spectra, reflection, refraction, diffraction, polarization and quantum theory. Prerequisites: Physics 33, 34. Mathematics 26, 45, 46. Alternate years, 1963-64.

FRISSEL  SECOND SEMESTER
PHYSICS

76. Advanced Laboratory
ONE HOUR
Required of physics majors. The laboratory experiments are chosen, in consultation with the instructor, from among the fields of electricity and magnetism, optics, and atomic and nuclear physics. Laboratory, four hours.

77. Continuation of Advanced Laboratory 76
ONE HOUR
Required of physics majors.

91, 92. Special Problems
BY ARRANGEMENT
Designed to give students majoring in physics a chance to do work in a field in which they have a special interest. By permission of chairman of department.

POLITICAL SCIENCE

MR. VAN PUTTEN, CHAIRMAN; MR. VANDERBUSH

The courses in Political Science are designed to provide systematic understanding of government and politics in the state, national and international areas.

MAJOR: The major consists of not fewer than twenty-four hours in the department. In addition to the courses in Political Science, a minimum of twelve hours in at least two other Social Sciences is required, such as History, Sociology, or Economics. Students who intend to continue their studies in this field on the graduate level are advised to take two modern languages.

11. National Government
THREE HOURS
The national government from its origins through its development to the present with emphasis on the functional aspects of government.

VANDERBUSH, VAN PUTTEN BOTH SEMESTERS

42. State and Local Government
THREE HOURS
The procedures of government of all the states with special reference to Michigan. The functional approach is emphasized. Prerequisite: Political Science 11.

VANDERBUSH BOTH SEMESTERS

51. Political Parties and Electoral Problems
THREE HOURS
The political parties, their histories and how they operate, and the conduct and problems of elections. Prerequisites: Political Science 11 and 42.

VANDERBUSH, VAN PUTTEN FIRST SEMESTER

53. Public Administration
THREE HOURS
The underlying principles of government management at the federal, state and local levels. Prerequisites: six hours of Political Science.

VAN PUTTEN SECOND SEMESTER
63. International Relations

Three Hours

The divergence between the images that nations entertain of world affairs and of each other and the international realities as they are focused in the struggle between nations today. Prerequisite: Sophomore standing.

VAN PUTTEN FIRST SEMESTER

64. Legislative Process in National Problems

Three Hours

The organization and operations of Congress and the role of the Executive and Administrative agencies in the process of law making. Major issues before Congress will be studied in some detail. Prerequisites: Political Science 11, 42. Open only to juniors and seniors.

VANDERBUSH SECOND SEMESTER

70. International Relations of the Far East

Three Hours

A geographical, cultural, historical and political study of China with the rest of the world from 1842 to the present time.

VAN PUTTEN FIRST SEMESTER

71. International Relations of the Far East

Three Hours

A geographical, cultural, historical and political study of Japan with the rest of the world from 1853 to the present time.

VAN PUTTEN SECOND SEMESTER

72. Comparative Government

Three Hours

The major types and forms of governments of Europe, as well as the governments of Japan and China. Prerequisite: Six hours of Political Science.

VAN PUTTEN, VANDERBUSH FIRST SEMESTER

73. American Constitutional Law

Three Hours

Principles of the American Constitution; separation of powers, federalism, the powers of the national and state governments, and limitations on the exercise of those powers. Prerequisites: Political Science 11 and 42.

VANDERBUSH FIRST SEMESTER

74. American Political Theory

Three Hours

This course analyzes and interprets fundamental political ideas in terms of their origins, assumptions and developments. Prerequisite: Six hours of Political Science.

VANDERBUSH FIRST SEMESTER

75. International Relations of South East Asia

Three Hours

A geographical, cultural, historical and political study of the countries of South East Asia from 1945 to the present time.

VAN PUTTEN SECOND SEMESTER
POLITICAL SCIENCE

76. Foreign Policy
THREE HOURS
How foreign policy is made and how it is put into operation. Prerequisite: Political Science 11 and 42.

VAN PUTTEN SECOND SEMESTER

81. Seminar — Current Problems of Public Policy
TWO HOURS
Either Political Science 81 or 82 is required of Political Science majors.

VANDERBUSH, VAN PUTTEN

82. Seminar — Problems of American Foreign Policy
TWO HOURS
Either Political Science 81 or 82 is required of Political Science majors.

VANDERBUSH, VAN PUTTEN

91, 92. American Seminar
In cooperation with The American University of Washington, D.C. a full semester's work may be taken in Washington, D.C. Consult Dr. van Putten.

PSYCHOLOGY

MR. DE HAAN, CHAIRMAN; MR. BROWN, MR. GRANBERG, MR. HARVEY, MR. VAN EYL

The Department of Psychology offers the study of psychology as a broad, liberal arts subject emphasizing the study of individual human behavior and experience. It is also offered as an adjunct to other fields of study in which the understanding of human behavior is desirable. The department also offers preparation for later graduate education to students who desire to make a career in professional psychology.

MAJOR: Students who wish to major in psychology should make application to the chairman of the department by the close of the sophomore year. Specific requirements include: a minimum of 25 semester hours in psychology, including courses numbered 15; Biology 13, 14, or 15, 16; and Sociology 31 are required. For those intending to pursue graduate work in psychology or a closely related field, such as Personnel Administration or Social Work, Psychology 36, 42, and 71; Biology 61; and Philosophy 18 are strongly recommended.

15. Introduction to Psychology
THREE HOURS
The study of human behavior. This course is prerequisite for all other courses in psychology.

STAFF BOTH SEMESTERS

36. Developmental Psychology I
THREE HOURS
The major concepts of the development of the child from conception to adolescence with attention paid to deviant as well as normal development.

DE HAAN FIRST SEMESTER
PSYCHOLOGY

38. Developmental Psychology II
THREE HOURS
Major concepts of development in adolescence, maturity and old age.
HARVEY SECOND SEMESTER

41. History and Systems of Psychology
THREE HOURS
The historic and systematic development of psychology.
VAN EYL SECOND SEMESTER

42. Introductory Statistics
THREE HOURS
Same as Mathematics 35.
BOTH SEMESTERS

43. Tests and Measurements
THREE HOURS
An introduction to the construction and interpretation of psychological and educational tests as measures of individual differences and uniformities in human behavior. Same as Education 64.
STAFF SECOND SEMESTER

53. Social Psychology
THREE HOURS
The psychological principles underlying group behavior and the effect of social conditions in determining individual behavior.
DE HAAN FIRST SEMESTER

54. Psychology of Personality
THREE HOURS
The nature of personality, its development and organization, and a consideration of the dynamics of behavior.
GRANBERG FIRST SEMESTER

55. Educational Psychology
THREE HOURS
Same as Education 52.
SECOND SEMESTER

57. Introduction to Experimental Psychology
THREE HOURS
An introduction to research and experimentation in psychology, including classroom and laboratory instruction. Prerequisites: Psychology 15, 41, 42, psychology major.
VAN EYL BOTH SEMESTERS

58. Psychology of Behavior Disorders
THREE HOURS
An introduction to the study of pathological behavior. Includes investigation into etiological factors, common syndromes, and a survey of therapeutic measures. Prerequisites: Psychology 15, and 54 or 36, 38.
GRANBERG SECOND SEMESTER

71. Perception and Learning
THREE HOURS
A study and evaluation of the principles and theories of perception and learning.
VAN EYL FIRST SEMESTER
PSYCHOLOGY

77. Psychological Research
   TWO HOURS
   The individual or small group study of a psychological problem with
   the emphasis on laboratory research. Prerequisite: Psychology 57
   and consent of instructor.
   VAN EYL   BOTH SEMESTERS

85. Field Work in Psychology
   THREE HOURS
   Study and application of psychological principles and techniques in
   work situations. Open to advanced students from other fields of social
   science with permission of the chairman of the department. A grade
   point of 3.0 in the student's major field is required.
   DE HAAN   FIRST SEMESTER

86. Field Work in Psychology
   THREE HOURS
   Continuation of course 85.
   DE HAAN   SECOND SEMESTER

91. Readings in Psychology
   ONE-THREE HOURS
   Individual or small group study of a psychological problem with em­
   phasis on library research. Prerequisite: Consent of department chair­
   man.
   STAFF   FIRST SEMESTER

92. Readings in Psychology
   ONE-THREE HOURS
   Continuation of course 91.
   STAFF   SECOND SEMESTER

RELIGION AND BIBLE

MR. VOOGD, CHAIRMAN; MR. KRUITHOF, MR. PONSTEIN, MR. JENTZ,
MR. VANDER LUGT

Studies in the Department of Religion and Bible are regarded as an
integral part of the college curriculum and nine semester hours are re­
quired of all four year students (six semester hours for Junior
transferees) for graduation. Six of these required hours, Bible 21 and
22, are in the Biblical content area and should be completed by the end
of the Junior year. The remaining three hours may be elected from
courses 51, 52, 63, 64, 71 and 75.

For those students contemplating a vocation in religious work at
home or abroad, for whom Hope College must furnish the major part
of their training, a major in the Religion and Bible Department is
recommended. This major program consists of a minimum of twenty­
seven hours in the department plus blocks of study in English, Lan­
guage, Philosophy, Psychology, History and Speech. Students desiring
such a major are advised to consult the head of the department to
secure approval of their course program. Pre-seminary students should
consult the program for the Christian Ministry on page 119.
RELIGION AND BIBLE

Biblical

21. Old Testament
THREE HOURS
The basic religious concepts of God, Man and Covenant as revealed in the historical and prophetical books of the Old Testament.

STAFF

22. New Testament
THREE HOURS
The person and work of Jesus Christ, the World of the Gospels, and the founding and expansion of the early Christian Church. Includes discussion of the relevance of the principles of the New Testament to the present day. Prerequisite: Bible 21.

STAFF

31. The Poetry of the Bible
THREE HOURS
An analysis and study of the poetry of the Bible as related to human experience and divine revelation. Prerequisites: Bible 21 and Sophomore standing. Alternate years, 1965-66.

KRUITHOF FIRST SEMESTER

Historical

51. Rise of Christianity (I)
THREE HOURS
The rise and development of Christianity from the second century through the Reformation era. Students who intend to take both 51 and 52 should elect them in their proper sequence. Prerequisites: Bible 21 and 22 or Junior standing.

PONSTEIN FIRST SEMESTER

52. Rise of Christianity (II)
THREE HOURS
The history of Christianity from the Reformation era to the present day. Students who intend to take both 51 and 52 should elect them in their proper sequence. Prerequisites: Bible 21 and 22 or Junior standing.

PONSTEIN SECOND SEMESTER

61. Non Christian Religions
THREE HOURS
A study of the leading non Christian religions including Hinduism, Buddhism, Confucianism, Mohammedanism and Judaism. Attention is focused upon the historical development and doctrinal emphases of these faiths and their relation to Christianity. Prerequisites: Bible 21, 22 and Junior standing. Alternate years, 1964-65.

VOOGD SECOND SEMESTER
62. History of Religion in America
THREE HOURS
An analysis and study of the various religious movements and cults in America from colonial times to the present. Prerequisites: Bible 21, 22 and Junior standing. Alternate years, 1965-66.

64. Christian Ethics
THREE HOURS

72. Archaeology and the Bible
THREE HOURS
Archaeological discoveries are studied with reference to material which casts a direct or indirect light upon the Biblical narratives, including a special study of the Dead Sea Scrolls in terms of their significance for Biblical studies. Prerequisites: Bible 21, 22 and Junior standing. Alternate years, 1964-65.

83. Intertestamental History
THREE HOURS
The history of the Jews from the Babylonian exile to the Roman period and the birth of Christ. Course includes the history of the Persian, Alexandrian and Roman empires, and the Maccabean era of Jewish independence, as they relate to Biblical history. Prerequisites: Bible 21, 22 and Junior standing. Alternate years, 1965-66.

63. The Christian Classics
THREE HOURS
The writings that form our Christian heritage. Includes writings of Augustine, a Kempis, Luther, Calvin, Pascal and Kierkegaard. Reading, discussion, lectures. Prerequisites: Bible 21, 22 and Junior standing.

71. Philosophy of the Christian Religion
THREE HOURS
The Christian view of the nature of God, of man and of the world, including the significance of revelation and the person and work of Jesus Christ. Prerequisites: Bible 21, 22, introductory course in Philosophy and Junior standing.
RELIGION AND BIBLE

75. Philosophy of Religion
THREE HOURS
Inquiry into the nature and function of religion; the nature of religious meaning; the place of religion in a total world-view. Prerequisites: Bible 21, 22, introductory course in Philosophy and Junior standing.
JENTZ FIRST SEMESTER

81. Seminar
THREE HOURS
A study in depth of a specific area of Biblical literature, theology or Church history. Course designed to develop the student's capabilities of individual research and the use of primary sources. Course for Religion majors only and to be taken in the Senior year.
STAFF

RELIGIOUS EDUCATION

MR. HILMERT
The courses in Religious Education are designed primarily to train young people of purpose and concentration to fit themselves for lay positions in the church. They are professional courses aiming to enable the student to apply his knowledge of the Bible and religion and other allied fields to his specific vocational tasks.

For students who are interested in preparing for some special area of church work, a Bachelor of Arts degree with an appropriate major or composite major plus the professional courses in Religious Education is recommended. The major will vary according to special interests and needs. See pages 119 and 120, for a more complete description of special course programs for those planning to enter church work.

SPECIAL STUDENTS: Students who are interested in preparing themselves for a special area of church work, but who do not plan to follow the general course requirements for a Bachelor's degree, may register as special students and elect studies in which they have a specific interest. Such students must manifest superior personal and spiritual qualities in order to be admitted to this program. They should consult with the director of Religious Education and work out with him a course schedule to fit their needs.

33. Principles of Religious Education
THREE HOURS
The processes and outcomes of religious education based on an understanding of the psychology of religious experience and the principles of human development. Prerequisite: introductory course in Psychology or consent of the instructor.
FIRST SEMESTER

34. Principles of Religious Education
THREE HOURS
The curriculum, methods, materials, organizational patterns, and administrative problems of religious education in the local church. Prerequisite: Religious Education 33.
SECOND SEMESTER
RELIGIOUS EDUCATION

36. Religious Drama
   TWO HOURS
   Same as Speech 36.

52. The Church's Missionary Enterprise
   TWO HOURS
   The home and foreign missionary work of the church, its history, problems and present situation. Special attention will be given to the missions of the Reformed Church in America. Alternate years, 1965-1966.

54. Personal Counseling
   TWO HOURS
   The principles and techniques of helping people with emotional and spiritual problems on a non professional level. This involves some understanding of the dynamics of individual behavior and the psychological interpretation of the religious process. Special emphasis is laid on the application of these principles and techniques to the task of evangelism. Alternate years, 1964-1965.

56. Recreational Leadership
   TWO HOURS
   Same as Physical Education 54. (Community Recreation).

61. Group Leadership
   TWO HOURS
   The dynamics underlying member-participation and the role of the leader in small groups, with special application to classroom procedures and with emphasis on the personal growth and therapeutic value of group process. Principles studied are valid for all groups. Conducted as a workshop. Registration limited to 20.

77. Music of the Church
   TWO HOURS
   Same as Music 77.

ROMANCE LANGUAGES

MR. PERRY, CHAIRMAN

MAJOR (in either French or Spanish): 25 hours above the elementary courses (11, 12) are required. Not more than 8 hours of work on the intermediate level (31, 32 or 34) will be accepted toward a major.
Students who desire to teach French or Spanish should work out their program in consultation with the chairman of the Romance Language Department. It is recommended that those planning to teach either of these languages in secondary school choose a teaching minor in another foreign language.

Students who are qualified in French or Spanish are urged to use the language, where appropriate, in their research and study in other fields, such as English literature, History, Economics, Political Science, or Sociology. Those interested are invited to consult with members of the Romance Language Department regarding source materials in French or Spanish, and to plan the use of such materials with the instructor of the course involved.

**French**

MR. PERRY, MISS MEYER, MRS. FEYT

11. Elementary French (I)

The essentials of pronunciation, grammar, and reading, with aural-oral practice in classrooms and laboratory. For students with no previous study of French, or placement by examination.

Meyer, Feyt, Perry  First Semester

12. Elementary French (II)

A continuation of the study of grammar and reading, with aural-oral practice in classroom and laboratory. Prerequisite: French 11, or placement by examination.

Meyer, Feyt, Perry  Second Semester

31. Intermediate French (I)

A review of pronunciation and basic grammar; intensive and extensive reading; practice in dictation, conversation, and composition. Prerequisite: French 12, or placement by examination.

Meyer, Feyt  First Semester

32. Intermediate French (IIIC)

Readings in French literature. Designed for those who plan to continue in advanced French courses (57 and above). Conversation and composition, with required supplementary reading. Prerequisite: French 31, or placement by examination.

Meyer, Second Semester

34. Intermediate French (IIIC)

Readings in French history and culture. Designed as a terminal course for those fulfilling foreign language requirements. Conversation and composition, with required supplementary reading. Prerequisite: French 31, or placement by examination.

Meyer, Feyt  Second Semester

103
ROMANCE LANGUAGES

57. Survey of French Literature (I)
THREE HOURS
A general study of the types of literature in chronological order from the Middle Ages through the eighteenth century. Required of French majors. Prerequisite: French 32 or 34 (or equivalent).

PERRY  FIRST SEMESTER

58. Survey of French Literature (II)
THREE HOURS
A general study of the types of literature in chronological order from the nineteenth century to the present time. Required of French majors. Prerequisite: French 32 or 34 (or equivalent).

PERRY  SECOND SEMESTER

61. Advanced Grammar Review
TWO HOURS

FEYT  FIRST SEMESTER

62. Advanced Conversation
TWO HOURS
Designed to develop fluency and confidence in speaking, and to increase vocabulary. Laboratory is used for preparation and recitation. Required of French majors. Prerequisite: French 32 or 34 (or equivalent). Alternate years, 1964-1965.

FEYT  SECOND SEMESTER

65. French Civilization
TWO HOURS
The development of the French nation: the evolution of its arts, ideas, and values, against a background of historical and political events. Readings and lectures in French. Prerequisite: French 32 or 34 (or equivalent). Alternate years, 1965-1966.

PERRY  FIRST SEMESTER

66. Phonetics and Intonation
TWO HOURS

PERRY  SECOND SEMESTER

71. Seventeenth-Century French Literature
THREE HOURS
French Classicism in the Golden Age: Descartes, Pascal, Corneille, Racine, Moliere, LaFontaine, and other writers. Prerequisite: French 57. Alternate years, 1964-1965.

PERRY  FIRST SEMESTER
ROMANCE LANGUAGES

72. Eighteenth-Century French Literature
THREE HOURS
French thought as reflected in the literature of the Age of Enlightenment: Montesquieu, Voltaire, Rousseau, Diderot, Marivaux, Beaumarchais, and other writers. Prerequisite: French 57. Alternate years, 1964-1965.
PERRY SECOND SEMESTER

75. Nineteenth-Century French Literature
THREE HOURS
The development of the romantic movement in drama, poetry, and prose; the novel from Balzac to Anatole France; Parnassian poetry; the realistic drama. Prerequisite: French 58. Alternate years, 1965-1966.
FEYT FIRST SEMESTER

76. Twentieth-Century French Literature
THREE HOURS
FEYT SECOND SEMESTER

81. Readings in French Literature (I)
TWO HOURS
Study of a specific area or a special problem, with preparation of a research paper, under the direction of a member of the department. For advanced French students only. Prerequisite: permission of the department chairman.
STAFF FIRST SEMESTER

82. Readings in French Literature (II)
TWO HOURS
Study of a specific area or a special problem, with preparation of a research paper, under the direction of a member of the department. For advanced French students only. Prerequisite: permission of the department chairman.
STAFF SECOND SEMESTER

84. Teaching of Modern Foreign Languages
Required for French teaching major. See Education 84.

Spanish

MR. H. WELLER, MR. RALPH, MR. PERRY

11. Elementary Spanish (I)
FOUR HOURS
The essentials of pronunciation, grammar, and reading, with aural-oral practice in classroom and laboratory. For students with no previous study of Spanish, or placement by examination.
RALPH, H. WELLER, PERRY FIRST SEMESTER
ROMANCE LANGUAGES

12. Elementary Spanish (II)
FOUR HOURS
A continuation of the study of grammar and reading, with aural-oral practice in classroom and laboratory. Prerequisite: Spanish 11, or placement by examination.

RALPH, H. WELLER, PERRY  SECOND SEMESTER

31. Intermediate Spanish (I)
FOUR HOURS
A review of pronunciation and basic grammar; intensive and extensive reading; practice in dictation, conversation, and composition. Prerequisite: Spanish 12, or placement by examination.

H. WELLER, RALPH  FIRST SEMESTER

32. Intermediate Spanish (III)
FOUR HOURS
Readings in Hispanic literature. Designed for those who plan to continue in advanced Spanish courses (51 and above). Conversation and composition, with required supplementary reading. Prerequisite: Spanish 31, or placement by examination.

H. WELLER  SECOND SEMESTER

34. Intermediate Spanish (IIIC)
FOUR HOURS
Readings in Hispanic history and culture. Designed as a terminal course for those fulfilling the foreign language requirements. Conversation and composition, with required supplementary reading. Prerequisite: Spanish 31, or placement by examination.

H. WELLER  SECOND SEMESTER

51. Advanced Conversation and Composition
THREE HOURS
Extensive practice in everyday conversational situations, plus writing of themes and advanced grammar drill. Recommended for those planning to teach Spanish. Required of Spanish majors. Prerequisite: Spanish 32 or 34 (or equivalent).

RALPH  FIRST SEMESTER

55. Spanish Literature of the Golden Age (I)
FOUR HOURS
Brief introductory survey of Spanish literature up to 1500. Drama: Works of Lope de Vega, Juan Ruiz de Alarcon, Tirso de Molina, Calderon de la Barca, and others. The Celestina. Required of Spanish majors. Prerequisite: Spanish 32 or 34 (or equivalent). Alternate years, 1964-1965.

H. WELLER  FIRST SEMESTER

56. Spanish Literature of the Golden Age (II)
FOUR HOURS
Prose: the picaresque novel; Cervantes and others. The mystics. Poetry: Fray Luis de Leon, Herrera, Gongora, Quevedo, and others. Required of Spanish majors. Prerequisite: Spanish 32 or 34 (or equivalent). Alternate years, 1964-1965.

H. WELLER  SECOND SEMESTER
65. Spanish-American Literature (I)
FOUR HOURS
A survey of Spanish-American literature from the discovery of America to 1888. Includes the early chronicles and epic poetry, the literature of the struggle for independence, romanticism, the Gaucho poetry, and other significant developments. Prerequisite: Spanish 32 or 34 (or equivalent). Alternate years, 1965-1966.
H. WELLER  FIRST SEMESTER

66. Spanish-American Literature (II)
FOUR HOURS
A survey of Spanish-American literature, beginning with an extensive study of Modernismo, and continuing to the present time. Includes the realistic novel in its various national expressions, and other important works of prose and poetry in the twentieth century. Prerequisite: Spanish 32 or 34 (or equivalent). Alternate years, 1965-1966.
H. WELLER  SECOND SEMESTER

72. Nineteenth-Century Spanish Literature
THREE HOURS
Romanticism and realism in prose and poetry, with special emphasis on the theater and the development of the realistic novel. Prerequisite: Spanish 32 or 34 (or equivalent). Alternate years, 1964-1965.
RALPH  SECOND SEMESTER

74. Twentieth-Century Spanish Literature
THREE HOURS
The Generation of 1898, and the contemporary novel, drama, and poetry. Prerequisite: Spanish 32 or 34 (or equivalent). Alternate years, 1965-1966.
RALPH  SECOND SEMESTER

81. Readings in Hispanic Literature (I)
TWO HOURS
Study of a specific area or a special problem, with preparation of a research paper, under the direction of a member of the department. For advanced Spanish students only. Prerequisite: permission of the department chairman.
STAFF  FIRST SEMESTER

82. Readings in Hispanic Literature (II)
TWO HOURS
Study of a specific area or a special problem, with preparation of a research paper, under the direction of a member of the department. For advanced Spanish students only. Prerequisite: permission of the department chairman.
STAFF  SECOND SEMESTER

84. Teaching of Modern Foreign Languages
Required for Spanish teaching major. See Education 84.
RUSSIAN

MR. PERRY, CHAIRMAN; MR. HINES

11. Elementary Russian (I)
FOUR HOURS
The essentials of pronunciation, grammar, and reading, with aural-oral practice in classroom and laboratory. For students with no previous study of Russian, or placement by examination.
HINES FIRST SEMESTER

12. Elementary Russian (II)
FOUR HOURS
A continuation of the study of grammar and reading, with aural-oral practice in classroom and laboratory. Prerequisite: Russian 11, or placement by examination.
HINES SECOND SEMESTER

31. Intermediate Russian (I)
FOUR HOURS
A review of pronunciation and basic grammar; intensive and extensive reading; practice in dictation, conversation, and composition. Prerequisite: Russian 12, or placement by examination.
PERRY FIRST SEMESTER

32. Intermediate Russian (II)
FOUR HOURS
Readings in Russian literature. Conversation and composition, with required supplementary reading. Prerequisite: Russian 31, or placement by examination.
PERRY SECOND SEMESTER

SOCIOLOGY

MR. HALL, CHAIRMAN; MR. CLELLAND, MR. MILLER

Sociology can be conceived of as the scientific study of behavior of individuals in interaction. It is scientific in method but not so advanced in well tested formulations as most other sciences. There is a well considered body of theory that constitutes the core of the discipline. Knowledge of this theory, of its foundation, and of its limitations allows one to view individuals and society from the sociological perspective. It is the belief of sociologists that possessing this perspective allows one to better understand, predict and effect social situations.

Courses of instruction are offered which are designed to acquaint students with theory and its foundations beginning with the more general and simple and progressing to the more particular and complex. Offerings are designed to permit non-majors to explore particular fields of interest without becoming unduly burdened with other courses in Sociology. Nevertheless, in order that specific areas can be explored in some depth, a system of prerequisites from general sociology is mandatory.

Sociology majors are offered an orderly progression from general to particular and from reports of evidence to direct experience in experimental inquiry. The major program offers the opportunity to acquire depth in a particular field to go with the breadth of the general
liberal arts education. It is the belief of the department that this depth can be achieved with a minimum of 24 hours in the department if an orderly progression is followed.

It is recommended that Psychology 15 be taken as a first course in behavioral science. Sociology 31 is the basic course of the department, required of all majors and a prerequisite for most other sociology. Sociology 32, 33, and 34 represent a family of courses at the second level of theory development. One course from this group is required for the major. It is recommended that a student wishing to major complete a 31-32, 31-33, or 31-34 sequence by the end of the sophomore year.

Sociology 54 is required of all majors and it is recommended that students plan to take this course first semester of the junior year. Mathematics 35 (Statistics) is a required course that does not count towards the 24 hour departmental major. It should be completed by the end of the junior year. If possible, anyone planning to go on to doctoral candidacy in Sociology should try to complete the mathematics sequence leading through Mathematics 55 and 56 as a preferred alternative.

Sociology 63, 66, 67, 73, 76 constitute a group of courses each of which involves a critical analysis of a specific field within Sociology. Majors are required to take at least one course from this group. These courses are recommended for junior and senior years.

Sociology 91 or 92 is required of all majors and is recommended for senior year.

Courses in Biology, Psychology, Philosophy— particularly Philosophy 18 and 58 — are recommended for all Sociology students.

31. Principles of Sociology
THREE HOURS
Examination of the categories and theories which make up the sociological perspective, the evidence which supports these theories and some ways in which the sociological perspective can aid in understanding social phenomena in the contemporary world. Required of all majors; Prior completion of Psychology 15 is recommended.
HALL, CLELLAND

32. Social Problems
THREE HOURS
Application of sociological theory to the understanding of selected social problems and use of empirical data from problem areas as a test of sociological theory. Prerequisite: Sociology 31.
CLELLAND SECOND SEMESTER

33. Social Institutions
THREE HOURS
Analysis of the basic institutional structures of societies. Prerequisite: Sociology 31.
STAFF
SOCIOLOGY

34. Criminology
THREE HOURS
The application of psychological, sociological, and biological theory to the problem of understanding crime causation and to the problems of crime prevention and offender rehabilitation. Prerequisites: Sociology 31.

41. Cultural Anthropology
THREE HOURS
The study of man as a culture bearing animal with emphasis on the time dimension of physical and cultural development, the processes of major cultural changes and cultural variability.

54. Modern Sociological Theory — Seminar
FOUR HOURS
Analysis of contemporary sociological theory through the reading and discussion of the major works from which they have evolved and the subsequent reading and discussion of selected works of contemporary theorists. Prerequisite: Sociology 31 plus 3 hours of sociology; (required of Junior majors).

58. The Field of Social Work
TWO HOURS
A survey course for pre-professional social work students and those in allied fields — ministry, medicine, law, teaching, to whom an understanding of community resources is vital. History of social work, its scope and philosophy, and the fields of community organization, fund raising, group work, casework, corrections, and public welfare will be studied as functions of sociological phenomena and individual psychology. Prerequisites: Psychology 15, Sociology 31.

59. Social Case Work
TWO HOURS
An introductory study of the basic elements of casework, its history, problems and services, basic principles and assumptions, interviewing methods, and the planful use of inter-personal relationships. Prerequisite: Sociology 58.

63. Social Psychology
THREE HOURS
Same as Psychology 53.

66. Social Differentiation
THREE HOURS
Theoretical models which attempt to describe the various systems of differentiation which persists in societies — i.e. class and status, power and prestige, race, ethnic identification, religious preference, etc. — with extensive use of empirical studies. Prerequisite: Sociology 31 plus 3 hours.
SOCIOLOGY

67. Urban Community
THREE HOURS
Theories which explain relationships among urban phenomena, the evidence which supports them and their potential usefulness in guiding efforts to better achieve our social ideals in urban community. Prerequisite: Sociology 31 plus 3 hours.
CLELLAND

73. Social Change
THREE HOURS
Critical analysis of major theories which have proposed to explain social change and consideration of how they may help us understand the changes of our own time. Prerequisite: Sociology 31 plus 3 hours. (Prior completion of Sociology 41 strongly recommended).
HALL

76. The Family As a Social Group
THREE HOURS
Analysis of the family as a primary group relating the analysis to small group theory and socialization theory. Analysis will attempt to describe processes of nuclear family formation, family structure, function and elements of stability and instability. Prerequisite: Sociology 31 plus 3 hours.
HALL

91. Introduction to Experimental Methodology
THREE HOURS
Same as Psychology 57 with semester project carried out in group dynamics area and under joint supervision of class instructor and a representative of the sociology department. Prerequisite: Mathematics 35 (Statistics) plus 9 hours.
VAN EYL SECOND SEMESTER

92. Methods of Opinion and Attitude Research
FOUR HOURS
A course dealing with a variety of research and survey techniques available to the social scientists. An attempt will be made to evaluate the merits of each technique. Practical experience will be part of the course. Prerequisite: Same as Sociology 91.
CLELLAND

SPANISH

See listing of Spanish courses under the heading of "Romance Languages."
Courses in Speech may be compared to a tuning-fork, the handle represented by the basic courses 11 and 34, and the two prongs by courses in the so-called self-expressive and interpretive phases of speech. Anyone majoring in Speech is expected to acquire proficiency in both of the latter fields. A major in Speech consists of twenty-two semester hours in addition to Speech 11, and must include courses 14, 34, 37, 39, 53, 59, and either 52 or 54, and either 63 or 73. Any departures from these minimum requirements on account of special circumstances must receive approval of the major advisor.

11. Fundamentals of Speech
TWO HOURS
Theory and practice of public speaking, with major emphasis upon delivery and bodily action, and the attainment of the objectives of confidence and contact. Required of all freshmen. Speech 11 is a prerequisite to all other courses in speech, except Speech 14.

14. Introduction to the Theatre
TWO HOURS
Appreciation of the theatre, films, television, and their role in contemporary life. Consideration of theory and criticism, acting and directing and technical areas, primarily from the audience point of view. Prerequisite to Speech 41, 59 and 63.

34. Public Speaking
TWO HOURS
A logical continuation of 11. Continued stress upon delivery with major emphasis upon voice control, and also introductory to the field of speech composition. Prerequisite: Speech 11.

36. Religious Drama
TWO HOURS
Drama in relation to the church. The origin, use and available literature will be considered. Emphasis upon production of religious drama within existing church facilities. Prerequisite: Speech 14 or permission of the instructor.

37. Interpretation
TWO HOURS
The theory and practice of oral reading. Analysis of literature and practice in the techniques of oral communication of intellectual, emotional, and aesthetic values.

39. Argumentation and Debate
THREE HOURS
The underlying principles of debating and argumentation. Classroom debates upon current topics. Briefings, techniques of securing conviction studied and applied.
41. History of the Theatre
THREE HOURS
The development of dramatic literature and theatre from its origin to Ibsen. Particular attention is given to the relationship of historical factors to contemporary theatrical production.
MALCOLM FIRST SEMESTER

52. Group Discussion
THREE HOURS
Principles and methods of discussion and conference, with practical application through the round table, panel, symposium, and forum-lecture in the discussion of contemporary problems. Conduct of meetings and parliamentary procedure.
MIKLE SECOND SEMESTER

53. Persuasion
THREE HOURS
An advanced speech course with major emphasis upon speech composition and audience psychology; discussions on collecting and preserving material, organization and adaptation of speeches; study of the impelling motives and factors of attention; group and crowd behavior. Required for pre-seminary students. Prerequisite: Speech 34 or 37, or permission of the instructor.
SCHRIER FIRST SEMESTER

54. Forms of Public Address
THREE HOURS
Courtesy and goodwill speeches, eulogies, the radio speech, after-dinner speeches, the commencement speech, and speeches for special occasions. Analysis of models. Prerequisite: Speech 34 or permission of the instructor.
SCHRIER SECOND SEMESTER

55. Debate Seminar
TWO HOURS
An intensive study of the national debate question and others to be used for public debate. This course is intended for those who are on the college debate squad. Emphasis is placed on research, analysis, preparation of briefs, and different forms of Debate. Prerequisite: Speech 39, and one year on debate squad.
MIKLE FIRST SEMESTER

Continuation of course 55.
MIKLE SECOND SEMESTER

59. Theatre Production I
THREE HOURS
A study of the technical elements involved in theatrical production essentially from the educational theatre standpoint. Theory and practice in the elements of staging, costuming, stage lighting, make-up, scene design, properties and sound. Prerequisite: Speech 14 or permission of the instructor.
MALCOLM FIRST SEMESTER
SPEECH

63. Theatre Production II
THREE HOURS
A study of directing for the educational theatre. A basic course in the rudiments of the director's art and responsibility in theatrical production. Theory and practice. Prerequisites: Speech 14, 59, or permission of the instructor.

71. Oratory
TWO HOURS
Preparation in the research, composition, and delivery of orations for the local and intercollegiate oratorical contests sponsored by the college. Analysis of models. Prerequisite: permission of instructor.

73. Public Recital
THREE HOURS
Special problems in the interpretation of prose, poetry and drama with the aim of planning and presenting materials for public recital. Credit given only after satisfactory public performances. Prerequisite: Speech 37.

75. Advanced Problems in Theatre Direction
TWO OR THREE HOURS
This seminar gives opportunity to students who wish to study more intensively the field of play direction. It is designed to achieve the development of the rudimentary techniques and procedures of direction. The student will undertake research study in these fields and will evidence his proficiency through successful direction of a public performance. This seminar may be elected only once, and application must be made the year before election. Prerequisites: Speech 14, 41, 59, 63 and permission of the instructor. Given on request.

76. Advanced Problems in Theatre Production
TWO OR THREE HOURS
This seminar gives opportunities to the students who wish to study more intensively the fields of theatre other than direction. It is designed to achieve the development of the rudimentary techniques and procedures of these areas of play production. The student will undertake research study in the chosen area, and will evidence his proficiency through successful execution in public performance. This seminar may be elected only once, and application must be made the year before election. Prerequisites: Speech 14, 41, 59, 63 and permission of the instructor. Given on request.

88. The Teaching of Speech
TWO HOURS
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 examinations. Same as Education 88. Prerequisite: A minor in Speech. Every other year.
SECTION II-B

Suggested Programs of Study

NORMAL COLLEGE PROGRAM—
FIRST TWO YEARS  . . . . .  116
BUSINESS AND ECONOMICS  . . . . .  117
CHEMISTRY . . . . . . . . . .  118
CHRISTIAN MINISTRY . . . . . . . .  119
CHURCH WORK . . . . . . . . . .  119
DENTISTRY . . . . . . . . . . . .  120
DIPLOMATIC AND GOVERNMENT SERVICE .  120
ENGINEERING . . . . . . . . . .  121
HOME AND FAMILY LIVING . . . . .  122
JOURNALISM . . . . . . . . . .  123
LAW . . . . . . . . . . . . . .  123
LIBRARIANSHIP . . . . . . . . . .  123
MEDICAL TECHNOLOGY . . . . . . .  124
MEDICINE . . . . . . . . . . . .  124
MUSIC . . . . . . . . . . . . . .  125
NURSING . . . . . . . . . . . . . .  125
SOCIAL WORK . . . . . . . . . .  126
TEACHING—COLLEGE . . . . . . . . . .  127
—SECONDARY SCHOOL . . . . .  127
—ELEMENTARY SCHOOL . . . .  128
Suggested Programs of Study

The liberal arts college is designed to help students live more adequately, and this aim includes preparation for effective and constructive service in a vocation. All of the study that a student does in college can have significant vocational value. In fact industry and business, professional schools, and government agencies are increasingly emphasizing the importance of a broad base of liberal art subjects as the most significant vocational preparation an undergraduate college can give. However, in the present age of technology and specialization, there is need for some intelligent pointing of the student's program toward a field of vocational activity. Furthermore, the college curriculum is planned to include some courses which give specific professional training for vocations in which the collegiate years are the final period of preparation.

On the succeeding pages are found a number of recommended course programs carefully designed to give the best preparation for students planning on going directly into some vocation or profession or on entering professional schools. The requirements for entrance into professional schools vary so widely that students interested in a special field should consult professional school catalogs as early in their college career as possible. To assist the student in working out this undergraduate program, a number of faculty members with special interests and knowledge have been appointed to serve as vocational advisors. Students are encouraged to bring their inquiries to these advisors. In addition, the college maintains extensive files of career pamphlets and other vocational information in the college library.

The following vocational areas have special advisors, and suggested programs of study for them are separately described in the ensuing pages.

Vocational Advisors

Business and Economics — Mr. Yntema, Mr. Klaasen
Chemistry (Industrial and Research) — Mr. Van Zyl
Christian Ministry — Mr. Vooeg, Mr. Ponstein
Church Work — Mr. Hilmert
Dentistry — Mr. Kleinheksel
Diplomatic and Government Service — Mr. van Putten, Mr. Vanderbush
Engineering — Mr. Folkert
Home and Family Living — Mrs. Van Eenenaam

Journalism — Mr. Brand
Law — Mr. van Putten
Librarian — Mr. May
Medicine — Mr. Rieck
Medical Technology — Mr. Crook
Music — Mr. Cavanaugh
Nursing — Mr. Crook
Teaching
  Elementary School — Mr. Ver Beek
  Secondary School — Mr. Duffy
  College — Mr. Hollenbach or department chairman

Normal College Program — First Two Years

In general the first two years of college are devoted primarily to exploration of the various fields of study, as indicated by the all-college requirements. The normal pattern of courses for the freshman and sophomore years is indicated here. For certain pre-professional or professional programs, this pattern may need to be modified.
Suggested Programs of Study

Freshman Year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td></td>
<td>1st</td>
</tr>
<tr>
<td>English 11, 12</td>
<td>3</td>
</tr>
<tr>
<td>Bible 21, Speech 11</td>
<td>3</td>
</tr>
<tr>
<td>Math or Science</td>
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<tr>
<td>(courses numbered below 30)</td>
<td>3-4</td>
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<tr>
<td>Foreign Language</td>
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<tr>
<td>11, 12 or 31, 32</td>
<td>4</td>
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<tr>
<td>Physical Education</td>
<td>R</td>
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<tr>
<td>Electives (from courses</td>
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<td>numbered below 30)</td>
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<td></td>
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Sophomore Year

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<tr>
<td></td>
<td>1st</td>
</tr>
<tr>
<td>English 31, 32</td>
<td>3</td>
</tr>
<tr>
<td>Bible (1st or 2nd sem.)</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 15</td>
<td></td>
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<tr>
<td>(1st or 2nd sem.)</td>
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<tr>
<td>Foreign Language</td>
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</tr>
<tr>
<td>31, 32 (for those who took</td>
<td></td>
</tr>
<tr>
<td>11, 12 in Freshman year)</td>
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<tr>
<td>Electives (from courses</td>
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<tr>
<td>numbered below 50)</td>
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</tr>
<tr>
<td></td>
<td>16</td>
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</table>

By the end of the Sophomore year Group II requirements (see page 46) should be completed. Recommended courses for fulfilling this requirement: History 15, 16; 33, 34; Economics 31, 32; Sociology 31, 32; Pol. Science 11; Philosophy 15, 18.

During the Sophomore year, student should take at least one year-course in the field in which he is planning to major.

Business and Economics

The following program is suggested for students interested in a general business major. It is designed to provide basic training in business and related economics, yet it leaves a block of electives for special interests of students. The general elective pattern should have the approval of the department chairman.

Freshman Year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td></td>
<td>1st</td>
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<tr>
<td>English 11, 12</td>
<td>3</td>
</tr>
<tr>
<td>Speech 11, Bible 21</td>
<td>2</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>Math 15, 26, or 23, 24</td>
<td>4-3</td>
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<tr>
<td>Electives</td>
<td>3-4</td>
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<tr>
<td>Physical Education</td>
<td>R</td>
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Sophomore Year

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<tr>
<th>Subject</th>
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<td>English 31, 32</td>
<td>3</td>
</tr>
<tr>
<td>Bible 22</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 15 or</td>
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</tr>
<tr>
<td>Sociology 31</td>
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<tr>
<td>Economics 31, 32</td>
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<tr>
<td>Bus. Ad. 31, 32</td>
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<td>Foreign Language or electives</td>
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**Suggested Programs of Study**

### Junior Year

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<tr>
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<tbody>
<tr>
<td>Bus. Ad. 53</td>
<td>3</td>
<td>2nd 3</td>
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<tr>
<td>Bus. Ad. 61, 62</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Math. 35</td>
<td>3</td>
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</tr>
<tr>
<td>Econ. 62</td>
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<tr>
<td>Econ. 52</td>
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<td>3</td>
</tr>
<tr>
<td>English 51</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Pol. Science 11</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives (in keeping with general requirements)</td>
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<td>5</td>
</tr>
</tbody>
</table>

**Junior Bible** 3

**Total** 16 16

The suggested curriculum for students majoring in economics is the same in the freshman and sophomore years as for business administration majors, outlined above. Courses to be taken in the junior and senior years are indicated below. The number of electives is sufficient to permit considerable concentration along such ancillary line, or lines, as the student may wish to follow.

### Senior Year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Semester Hours</th>
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<tbody>
<tr>
<td>Bus. Ad. 54</td>
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<td>2nd 3</td>
</tr>
<tr>
<td>Bus. Ad. 72</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Econ. 51</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Bus. Ad. 73</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Senior Bible</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives (in keeping with general requirements)</td>
<td>11</td>
<td>7</td>
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</table>

**Electives** 16 16

Electives should be chosen with the approval of the chairman of the department.

### Chemistry

#### Freshman Year

<table>
<thead>
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<th>Subject</th>
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<tbody>
<tr>
<td>Chemistry 13, 14</td>
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<td>2nd 4</td>
</tr>
<tr>
<td>Introduction to Liberal Studies</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Math 15, 26</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Cultural Heritage or Bible</td>
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<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
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**Total** 16 16

#### Sophomore Year

<table>
<thead>
<tr>
<th>Subject</th>
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<th></th>
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<tbody>
<tr>
<td>Chemistry 33, 34</td>
<td>5</td>
<td>2nd 5</td>
</tr>
<tr>
<td>Physics 33, 34</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Math 45</td>
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<td>4</td>
</tr>
<tr>
<td>Chemistry 32</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Cultural Heritage or Bible</td>
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</table>

**Total** 15 17

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118
### Suggested Programs of Study

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject</strong></td>
<td><strong>Subject</strong></td>
</tr>
<tr>
<td>Chemistry 53, 54</td>
<td>Chemistry 81</td>
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<td>Math 46</td>
<td>Chemistry 82</td>
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<tr>
<td>German 11, 12</td>
<td>German 31, 32</td>
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<tr>
<td>Soph. Literature</td>
<td>Social Science</td>
</tr>
<tr>
<td>Chemistry 62</td>
<td>Cultural Heritage</td>
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<tr>
<td>Chemistry 75</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>or Bible</td>
</tr>
<tr>
<td>—</td>
<td>Senior Seminar</td>
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<tr>
<td>—</td>
<td>Elective or</td>
</tr>
<tr>
<td>—</td>
<td>Chemistry 85</td>
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<td>—</td>
<td>Elective</td>
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<tr>
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<td>Chemistry 91</td>
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<tr>
<td>—</td>
<td>Elective</td>
</tr>
<tr>
<td>—</td>
<td>Chemistry 91</td>
</tr>
</tbody>
</table>

**Christian Ministry**

A specially devised college program for pre-seminary students has been prepared by the Religion and Bible Department. The program embraces substantial blocks of study in all areas recommended by the American Association of Theological Schools. This includes Religion and Bible, Language, English, Philosophy, Psychology, History and Speech. In addition single courses which will be of peculiar value to ministerial students, such as Music of the Church, Business Administration and Religious Education, have been integrated into the curricular pattern.

Students contemplating the Christian Ministry are advised to consult the chairman of the Religion and Bible Department concerning this program and other alternative possibilities in the college curriculum.

**Church Work**

There are many positions for lay workers in the church that require a sound college educational program. The need for directors of religious education, directors of music, directors and teachers of weekday schools of religion, church secretaries and lay leaders in home and foreign missions is growing.

For students who are interested in preparing for some special area of church work a Bachelor of Arts degree program with an appropriate major or composite major is recommended. The majors may vary according to special interests and needs. Some of the possibilities are as follows:

1. A composite major with the largest core in religion. This is a minimum block of 44 semester hours:
   a. Twenty hours in the department of Bible and Religion (including courses 61, 62).
   b. Twelve hours in Religious Education (including courses 33, 34 and 61).
   c. Eight hours of approved Philosophy courses.
   d. Psychology 36 and 38.
Suggested Programs of Study

2. It is possible to build a program leading to certification for public school teaching plus twelve hours of basic courses in Religious Education. Such a program will enable a student to qualify either as an assistant in Religious Education or for a program of graduate study leading to an M.R.E. degree.

3. For prospective ministers of music, a major in applied music plus twelve hours of Religious Education.

4. A major in religion, psychology, philosophy, or sociology, plus twelve hours in Religious Education.

Students interested in this field should consult the chairman of the religious education department to plan their programs.

SPECIAL STUDENTS: Students who are interested in preparing themselves for a special area of church work, but who do not plan to follow the general course requirements for a Bachelor's degree, may register as special students and elect those studies in which they have a specific interest. Such students must manifest superior personal and spiritual qualities in order to be admitted to this program. They should consult the director of Religious Education and work out with him a course schedule to fit their needs.

Dentistry

Students who complete the first three years of a pre-medical course will regularly be admitted to a College of Dentistry. It is advisable for the student to select his school of dentistry as soon as possible in order to prepare for the specific requirements of the dental school of his choice.

Most pre-dental students find it advisable to complete either a three-or-four-year college program for entrance into the Dental School of their choice. See the four-year pre-medical curriculum.

Students who plan to attend Hope College only two years for pre-dental study should consult with the pre-dental advisor.

Diplomatic and Government Service

Students desiring to enter the Foreign Service or some other area of government work should concentrate primarily in the social sciences. Courses in American history, political science, economics, and business administration are recommended for persons intending to go into public administration. Those students who desire to enter the Foreign Service should become proficient in at least one language and should seek as broad a knowledge as possible in history, economics, political science and English.

The major should be in History and Political Science or in Economics. The basic courses in each of these fields should be taken in the freshman and sophomore years, if possible, and should include History 15, 16, 33, 34; Political Science 11 and 42; Economics 31, 32; and Business Administration 31, 32.
Students interested in a pre-engineering course should have completed the following in high school: three semesters of algebra and two semesters of geometry with some solid geometry included. Assuming the above complete, the suggested program is as follows:

A. *Four-year pre-engineering course with A.B.*

<table>
<thead>
<tr>
<th>Subject</th>
<th>Semester Hours</th>
<th>Subject</th>
<th>Semester Hours</th>
</tr>
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<tbody>
<tr>
<td>Liberal Studies</td>
<td>4 4</td>
<td>Cultural Heritage†</td>
<td>3 3</td>
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<tr>
<td>Mathematics 15, 26</td>
<td>4 4</td>
<td>Mathematics 45, 46</td>
<td>5 5</td>
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<td>Mathematics 21, 41</td>
<td>3 3</td>
<td>Physics 33, 34</td>
<td>5 5</td>
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<tr>
<td>Chemistry 13, 14</td>
<td>4 4</td>
<td>Bible 21</td>
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<tr>
<td>Physical Education</td>
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<td>Social Science*</td>
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<table>
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<th>Subject</th>
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<th>Semester Hours</th>
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<td>Mathematics 65**,66**</td>
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<td>Physics 61, 62</td>
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<td>3 3</td>
<td>Cultural Heritage††</td>
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<tr>
<td>Physics 63**</td>
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<td>Physics 71**</td>
<td>4</td>
</tr>
<tr>
<td>Bible 22</td>
<td>3</td>
<td>Cultural Heritage††</td>
<td>3 3</td>
</tr>
</tbody>
</table>

Literature

*Must be sociology or psychology

**Offered every other year. Check catalog to decide whether to elect during junior or senior year.

††One semester of history and one semester of music or art.

B. *Two-year pre-engineering course.* Same as that listed for the first two years of the four-year course above except that the Cultural Heritage sequence in the sophomore year should be replaced by Economics 31, 32.

The particular engineering school which the student plans to attend may have special requirements. The student should make these plans with his counselor.
Suggested Programs of Study

Home and Family Living

For many students one of the chief purposes of a college education is to help provide a foundation for establishing and maintaining a home and family. The home is a center of worship; it is an economic unit; it is an educational institution. It is the chief center of cultural and creative activity for most individuals. Furthermore it is a small community operating in successively larger communities of our modern society, both influencing that society and vitally affected by it. All the curricular offerings of a liberal arts college can help provide the basis for successful home and family living. Some of the courses, however, have more direct relevance for this end than others. Indicative of the courses that have such special pertinence are the following:

A. For spiritual deepening: — courses in Religion and Bible, Philosophy, Literature, and Religious Education.

B. For training as teacher-parents: — courses in Developmental Psychology, Education (Philosophy of Education, Educational Psychology), and Religious Education.

C. For cultural growth and aesthetic creativity: — courses in Art, Music, Literature, Creative Writing, and Dramatics and Oral Interpretation.

D. For breadth of understanding of the social environment: — courses in Political Science, Sociology, Anthropology, History, Philosophy, Economics, and Literature.

E. For intelligent understanding of the human organism and the principles of health: — courses in Biology, and Psychology.

Many women students recognize a need for dual preparation: first, for immediate but temporary employment, and secondly, for the more permanent vocation of directing the life in the home and family. These students will undoubtedly select a major program which will help them meet their immediate vocational responsibility, but in the rounding out of their total curricular experience they should choose wisely and broadly from the fields listed above.

For the student who wishes to focus her college preparation around the vocation of the home, the following program is suggested.

1. Area of concentration, normally from the field of the Social studies.

2. Several courses aimed at aesthetic creativity to be taken from the areas of Art, Applied Music, Speech Interpretation or Dramatics, and Creative Writing.

3. Several courses in the fields of Education or Religious Education.

4. Biology 13, 14 and 35. (These courses may be used to complete the science requirement for graduation.)

5. Six semester hours of courses in the humanities beyond the all-college requirement. (Courses recommended are those in Philosophy, Religion, Literature — either in English or a foreign language — and Music or Art Appreciation.)
Suggested Programs of Study

Journalism

Because of the great variety of vocations in journalism, Hope College does not attempt to train the student specifically in the many diversified aspects of the field. News reporting, advertising, radio script writing, and other specialty writing have their particular techniques. However, skill with the written word and a broad knowledge are fundamental to success in any vocation in the field of journalism. Interested students are advised, therefore, to enroll in all the relevant writing courses offered: Advanced composition, creative writing, and fundamentals of journalism.

In addition, a broad study of the social sciences is highly recommended. A number of positions on the campus periodicals, the Hope College ANCHOR, the MILESTONE, and the OPUS, provide practical experience in editorial work.

Law

A recent report on pre-legal education emphasized these points: First, a thorough grounding in economics, government, and history is essential. Secondly, the ability to think straight and to write and speak in clear, forceful, attractive English is fundamental. Third, since law is neither to be studied nor to be practiced in a vacuum, the undergraduate should range as widely as possible in order to understand his environment—physical, physiological, psychological, social and ethical. Students desiring to enter the legal profession will find that most of the law schools do not prescribe a specific preprofessional program, but rather insist on a broad liberal arts background with emphasis upon courses that will help the student to attain the qualities listed above.

Practically speaking, then, the pre-law student would do well to choose as his area of concentration the social studies—economics, political science, or history. He should take a number of courses in writing. Speech 11 and 34 are especially significant. Finally, he should range widely in the arts and sciences.

Librarianship

Some professional library schools still require a bachelor's degree for admission, and all library schools stress a basic preparation of four years in a liberal arts college to ensure a well-rounded general education, but the trend is toward the introduction of courses in library science at the undergraduate level. The student who receives a bachelor's degree without courses in library science should plan on a full calendar year of study for a professional library degree. Practical experience in a library is highly desirable as a prerequisite. Highly recommended for undergraduate preparation are: a wide knowledge of literature, including American, English and World literature; a reading knowledge of two modern languages; courses in sociology, political science and psychology; survey courses in science.

Recent demands of the library profession for trained personnel would indicate that opportunities for types of service are almost unlimited but that the number of trained librarians is very limited.
**Suggested Programs of Study**

Positions in many types of libraries are open to library school graduates. Public, college and university, school, and special libraries offer a variety which make it possible to select the kind of work most congenial and best suited to the ability of the person. Students who wish to specialize in school library work should take the education courses required by the state accrediting agencies for teacher's certificates. Special librarianship calls for a rich background in the subject of particular interest.

**Medical Technology**

Most approved schools of Medical Technology now require a four year college education with an A.B. or B.S. degree for entrance. According to the standards for medical technologists of the American Society of Clinical Pathologists, this undergraduate preparation must include a minimum of 12 semester hours in the broad field of biology and 9 semester hours in chemistry, including inorganic and either quantitative analysis or organic chemistry. In addition, a course in bacteriology and courses in physics and general mathematics are highly recommended.

In line with these basic requirements, students interested in entering this field should plan to major in either biology or chemistry. He should consult the special advisor for a more complete outline of his program.

**Medicine**

The following four-year pre-medical curriculum has been made available to pre-medical students at Hope College for some time. It meets the most rigid requirements of medical schools.

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Semester Hours</th>
<th>Sophomore Year</th>
<th>Semester Hours</th>
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<tbody>
<tr>
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<td>Chemistry 33, 34</td>
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<td>Sophomore Literature</td>
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<td>Foreign Language</td>
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<td>Math 15</td>
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<td></td>
<td>Biology 15, 16</td>
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<tr>
<td>Cultural Heritage or Bible</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
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<td>1</td>
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**Junior Year**

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<td>5</td>
<td>Biology 53, 61</td>
<td>3</td>
</tr>
<tr>
<td>Cultural Heritage or Bible</td>
<td>3</td>
<td>Cultural Heritage or Bible</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
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<td>Senior Seminar</td>
<td>3</td>
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<tr>
<td>Biology 55, 32</td>
<td>5</td>
<td>Social Science</td>
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**Senior Year**

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<thead>
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<tr>
<td>Biology 53, 61</td>
<td>3</td>
</tr>
<tr>
<td>Cultural Heritage or Bible</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
</tr>
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<td>Electives</td>
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<td>16 16</td>
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</tbody>
</table>
Suggested Programs of Study

A student may give preference to biology instead of chemistry in the Freshman year. Desirable electives include philosophy, history, art, music, and a second foreign language.

Students who expect to transfer to a medical school at the end of the Junior year should begin both chemistry and biology in the Freshman year.

The above program satisfies the requirements of practically all medical schools. Students should designate the medical school they wish to enter as soon as possible. Early designation of a medical school will enable them to prepare for the requirements of that school.

The college cooperates with the medical schools in giving the Aptitude Test required of all pre-medical students.

Music

Students who wish to turn their interest in music to vocational purposes have as their goal teaching, the concert stage, or church music directing. Three complete major programs have been established to prepare students for public school teaching: one for secondary school vocal teaching, one for secondary school instrumental teaching, and one for elementary school music teaching and supervising. These programs are outlined in detail under the Music Department description of courses. For those who wish to become performing artists, or directors, a major in applied music is provided, and is also described above.

Students wishing to major in music for any of these purposes need to follow a sequence of courses that extend through the four years. Consequently, it is important that they enter the prescribed music program in the freshman year. To prevent serious complications, the entering freshman who intends to major in music should make an appointment for interview with the chairman of the Music Department before completing his registration for the first semester. The program for the last two years will be outlined by the department chairman in conference with the student.

Nursing

Higher education is increasingly important in the training of nurses and makes for greater advancement and success in the profession. The better hospitals now insist on having some college graduates in every new class and select the other students in part on the amount of college education they have.

Students of good scholastic ability are advised, if finances permit, to complete their A.B. at Hope College — majoring in Biology — and then enter a nursing school which will grant them an M.S. in nursing science in addition to their nursing certificate. Instead of obtaining the A.B. degree before training, many students take one or two years of college work previous to nurses training and return afterward for one or two more years and thus obtain their A.B. degree in addition to their nursing certificate. Normally, the nurses training program is considered the equivalent of one year of academic study. The College Health Service offers the opportunity to several graduate nurses to be self-supporting while attending college.
Suggested Programs of Study

Some nursing schools in conjunction with neighboring universities have set up a program whereby, after two years of prescribed college courses, a student upon completion of the nursing course receives a B.S. in nursing in addition to her nursing certificate. Hope College, in almost every instance, offers courses prescribed by such nursing schools. Students planning on entering nursing school should secure catalogs and information from various Schools of Nursing in order to ascertain the particular college prerequisites for entering their training program. The special advisor in nursing should also be consulted in making out the course program. The following two-year program is offered as a suggested curriculum for pre-nursing students.

### Freshman Year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Semester Hours</th>
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<th>Subject</th>
<th>Semester Hours</th>
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<tbody>
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<td>1st</td>
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<tr>
<td>Introduction to Cultural Heritage</td>
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<td>Cultural Heritage</td>
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<td>Liberal Studies</td>
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<td>Chemistry 13, 14</td>
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<td>Foreign Language</td>
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<td>Biology 35</td>
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<tr>
<td>Biology 15, 16</td>
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<td>4</td>
<td>Sociology 31</td>
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<tr>
<td>Psychology 15</td>
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<td></td>
<td>Bible</td>
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<td>Bible</td>
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<td></td>
<td>Electives</td>
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<tr>
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<td>1</td>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

*If the student has not had foreign language in high school, intermediate language course is recommended. Also recommended, Biology 31 (General Bacteriology), Biology 61 (Genetics).

### Sophomore Year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Semester Hours</th>
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<th>Subject</th>
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<tr>
<td>Physical Education</td>
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<td>16</td>
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</table>

### Social Work

Persons preparing themselves for some phase of social work can major in a number of fields but a major in Sociology or Psychology is recommended. Graduate schools generally require of applicants for admission to the Master of Social Work degree program, at least twenty hours in Biological and Social Science plus a broad and balanced liberal arts preparation. Some are more specific in requiring Psychology, Sociology, Economics and Political Science as well as Biology. A grade average of B in the last two years of under-graduate work is the generally accepted standard for graduate school admission. It is strongly recommended that the following courses be included in a preparatory social work program. Psychology 15, 36 or 38, 53, 54, 58; Sociology 31, 32, 34, 58 and 59; Biology 13, 14, 35, 61; Economics 31, 32 and Political Science 11 and 42.

The following courses offer additional foundation for graduate school preparation or job placement in the field of social work: Psychology 43, 57; Sociology 66, 67 and 76; Physical Education 54.

Typical jobs are in family counseling, child welfare work, psychiatric clinics and hospitals, medical facilities, Veteran's Administration, social work in the Armed Forces, in correctional programs for juvenile and adult offenders in community planning and fund raising, in public schools, welfare agencies, in YMCA's, YWCA's, Boys Clubs, Settlement Houses, and hundreds of other classifications. Increasingly, graduate preparation is required for employment in Social Work, particularly for advancement in the field.
Suggested Programs of Study

Specific field interests might suggest elaboration of the general outline as above presented. Interested students should contact the chairman of the Sociology Department for answers to specific questions and for general information. The Sociology Department maintains, in cooperation with health and welfare associations and social work recruiting committees across the country, a placement service for summer experience in social work. Anyone interested in a career in social work would find it advantageous to spend the summer between junior and senior year in such a position. Sophomores are also invited to participate. Interested students should see the advisor in the fall preceding the summer in which they desire field experience since many placement interviews are scheduled during the Christmas vacation period.

Teaching — College

For those preparing for college teaching, a major in the chosen field of specialization is advisable. The department advisor should be consulted in working out the academic program for the four years. For such students, French or German should normally be elected for foreign language study, preferably both if the student plans to work for a Ph.D. degree.

Teaching — Secondary School

Students planning on entering secondary school teaching should follow the requirements for certification as established by the state in which they wish to teach. In addition they must complete the college requirements for a major in one department or the special composite major program designed for high school teachers in science. Inasmuch as teaching requirements vary in some of the states, students should consult with the Chairman of the college department of Education at least by their sophomore year.

In fulfilling the requirements for a secondary teacher certificate in the state of Michigan, the Hope College student must observe the following:

1. Satisfy the general requirements for the A.B. degree at Hope College. (See pages 36 and 37).
2. Complete Psychology 15 before entering any course in the Department of Education.
3. Complete twenty hours of Education courses, which must include the following: Education 31, 52, 57, 60, and 83. Also special methods course in major field.
4. Complete enough course work in three departments to fulfill the state requirements for a major and two 18-hour minors. (In Michigan, the code defines a major as a minimum of twenty-four hours in one department, and a minor as a minimum of fifteen hours.) Beginning September, 1961, the college has permission to experiment for five years with certification through one 30-hour major and one 20-hour minor; students must get permission from the Department of Education to enter this program. Education may not be included among the majors and the minors.
Departments in which teaching majors and minors are normally secured include biology, chemistry, economics, English, French, German, history, Latin, mathematics, music, physics, Spanish, and speech. Students planning to major in one of these fields should study the statement of the department major requirements found under the description of courses, and consult with the departmental advisor to make certain that they understand not only the state certification requirements but also the college requirements for a major.

In order to fit the needs of a number of prospective teachers in the areas of the sciences, a composite major program has been designed to provide a broader base than is normally secured in a departmental major.

1. Major in General Science. Minimum of forty-three hours to be taken from Biology (15, 16, 43, 51), Chemistry (11, 12, 31 or 32, 51), Physics (31, 32). This program would be the minimum to enable students to qualify for teaching in these three fields of the sciences on the high school level. A student who is looking forward to continuing his work in graduate school in one of the sciences should, of course, take additional work in at least one of the science fields so that he would have a major in one.

Teaching — Elementary School

Students planning on entering elementary school teaching should follow the requirements for certification as established by the state in which they wish to teach. In addition they must complete the college requirements for a major in one department or the special composite major designed for elementary school teachers. Inasmuch as teaching requirements vary in some of the states and careful planning is necessary in order that the student can complete all of the general requirements for a college degree and a sound professional program, a student should consult with the Director of the Elementary Teaching program as early in his college career as possible, preferably the Freshman year.

In fulfilling the requirements for elementary teacher certificate in the state of Michigan, the Hope College student must observe the following:

1. Satisfy the general requirements for the A.B. degree at Hope College. (See pages 36 and 37).
2. Complete Psychology 15 before entering any course in the Department of Education.
3. Complete Education 31, 52, 53, 54, 60, 72, 75, 79, and 81.
4. Complete enough work in three departments to fulfill the state requirements for a major and two minors (in Michigan, the code defines a major as a minimum of twenty-four hours in one department, and a minor as a minimum of fifteen hours); or complete enough course work in four departments to fulfill the state requirements for four minors. The composite major described below, which fulfills college graduation requirements, may be broken down into two minors for certification purposes, provided there are at least fifteen semester...
Suggested Programs of Study

hours in each of two departments. Applications for a composite major must be made with the Department of Education.

In addition, the following recommendations are made:

1. The composite major for elementary education students shall be a minimum of 33 semester hours. This composite shall include a core of 18 semester hours of work, carefully chosen, in one department, with safeguards that part of the work be in upper level courses. A faculty member from one of the departments of the composite major grouping will serve as advisor for the students electing this composite.

2. Psychology 36 (Developmental Psychology 1), Geography 61 and Mathematics 23 are recommended electives.

3. To meet the college major requirements, composite majors for elementary teachers has been approved as follows:

   A. Language Arts Major (Concentration on language as a communicating art.) Counselor: Brand.

      a. Core in English Department. This core must include six hours numbered above 50 in Composition and/or Literature. Remainder of the major in courses in Speech and/or Foreign Language. If a sequence of Speech Courses is chosen, the following are especially recommended: Speech 14, 34, 37, 52. If a sequence of foreign language course is chosen, recommended are those emphasizing conversation, composition and grammar.

      b. Alternative core—Speech or a foreign language. Core must include a minimum of 6 semester hours of courses numbered above 50.

   B. Humanities Major. (Literature, Art, Music). The core may be in any of the three fields. The remainder must include at least four hours in each of the other two fields. Counselor: ten Hoor.

      a. Literature core. English 31, 32 may be included (but not 11, 12 or other non-literature courses). A minimum of eight hours must be in literature courses numbered above 50. Literature courses in a foreign language may be included.

      b. Art core. Normal sequence is: Art 11, 12, 21, 22, 31 and three hours of studio. Students entering with unusual art background may, by permission, be exempted from the basic course(s).

      c. Music core. Normal sequence should include Music 15, 16, 17 and two hours of applied music.


**Suggested Programs of Study**


a. Core in History. Normal course sequence should include History 15, 16 (European Civilization) and 33, 34 (United States) and six hours of courses above 50. The remainder of the major should include Geography 61, Sociology 31, Political Science 11, and additional studies from Economics, Political Science, and/or Sociology.

b. Alternative core: Political Science. The remainder should include United States History, Geography, Sociology 31, and additional studies from History, Economics, and Sociology.


Core Biology. Normal course sequence should include Biology 13, 14, 35 (Human Physiology and Hygiene), 38 (Field Biology) and 61 (Genetics). The remainder of the major in Physics and Chemistry with a minimum of four hours in each. Recommended: Physics 11, 12, Chemistry 15, 16.

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
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</thead>
<tbody>
<tr>
<td><strong>Subject</strong></td>
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</tr>
<tr>
<td>English 11, 12</td>
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<tr>
<td>Speech 11</td>
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<td>Bible</td>
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<td>Foreign Lang. 11, 12</td>
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<td>or 31, 32</td>
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<td>Biology 13, 14</td>
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<tr>
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<tr>
<td><strong>Subject</strong></td>
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</tbody>
</table>

Recommended Electives: Psychology, Geography, plus major and/or minor requirements.
SECTION III
Administration, Faculty and Graduates
SECTION III

Administration, Faculty and Graduates

ADMINISTRATIVE OFFICERS  ............................................. 133
FACULTY ........................................................................ 136
THE COLLEGE CORPORATION ............................................. 148
HOPE COLLEGE BOARD OF TRUSTEES ................................. 148
ALUMNI ASSOCIATION ......................................................... 151
HONORS AND AWARDS ....................................................... 152
RECORDER’S REPORT 1963-1964 ......................................... 155
GRADUATES, 1963 ............................................................ 157
HONOR DEGREES, 1963 ....................................................... 162
Administrative Officers*

CALVIN A. VANDER WERF  
Ph.D. (Ohio State 1941), Sc.D. (Hope College 1963)  
President (1963)

KENNETH J. WELLER  
Ph.D. (Michigan)  
Assistant to the President (1949)

JOHN WILLIAM HOLLENBACH  
Ph.D. (Wisconsin)  
Vice President (1945)

WILLIAM VANDER LUGT  
Ph.D. (Michigan)  
Dean of the College (1954)

ALBERT H. TIMMER  
A.M. (Michigan)  
Director of Admissions (1923)

ROGER J. RIEFTBERG  
S.M.M. (Union Theological Seminary School of Sacred Music)  
Associate Director of Admissions (1963)

RUTH DeWITT TIDD  
A.B. (Hope)  
Assistant to the Director of Admissions (1962)

JOHN R. MAY  
M.S. in L.S. (Illinois)  
Librarian (1958)

JoANNE HUENINK  
Recorder (1954, 1961)

Business and Financial Administration

HENRY J. STEFFENS  
A.M. (Northwestern)  
Treasurer (1946)

REIN VISSCHER  
Business Manager (1946)

FRANK LIGHTHART  
Superintendent of Grounds and Buildings (1947)

E. DUFFIELD WADE  
Book Store Manager (1954)

*The figures in parentheses indicate the year in which the person began his service at Hope College. A second figure in parentheses indicates the year of beginning the present appointment after interruption in the period of service.
*Administrative Officers*

**Student Personnel Services**

L. JAMES HARVEY  
Ph.D. (Michigan State)  
Dean of Students (1961)

WILLIAM J. HILMERT  
B.D. (Western Theological Seminary)  
Dean of Men (1952)

ISLA VAN EENENAAM  
A.B. (Hope)  
Dean of Women (1960)

ALLEN B. COOK  
B.D. (Western Theological Seminary)  
College Pastor (1960)

LARS I. GRANBERG  
Ph.D. (Chicago)  
Psychological Counselor (1947, 1960)

OTTO VANDER VELDE  
M.D. (Rush)  
College Physician (1956)

MARIAN E. BLAKE  
R.N. (Butterworth Hospital)  
Head Nurse (1962)

**Development, Alumni and Public Relations**

ADELPHOS A. DYKSTRA  
B.D. (Western Theological Seminary)  
Director of Church Relations (1962)

GERALD J. KRUUF  
A.B. (Hope), M.S. (Syracuse)  
Director of Public Relations (1958)

MARIAN ANDERSON STRYKER  
A.B. (Hope)  
Editor, Alumni Magazine and Secretary, Alumni Association (1947)

JANET MULDER  
A.B. (Hope)  
Archivist (1952)
Administrative Officers*

Library Assistants

Eunice Bos (1960)  
Gladys Hinga (1960)  
Margaret Lievense (1963)

Myrtle Luth (1960)  
Katherine Sikkema (1962)  
Irene Ver Beek (1950)

Directors of Residence Halls

Cosmopolitan Hall  
Knickerbocker Hall  
Voorhees Hall  
Fraternal Hall  
Columbia Hall  
Arcadian Hall  
Durfee Hall  
Gilmore Hall  
Emersonian Hall  
Phelps Hall  
Voorhees Hall  
Kollen Hall  
Van Vleck Hall

Secretarial and Office Staff

Secretary, Psychology Office  
Secretary, Dean of the College Office Manager, Placement Office  
Secretary, Admissions Office  
Secretary, English Office  
Secretary, Alumni Office  
Mimeograph Secretary  
Secretary to Business Manager  
Accountant  
Chapel Records Secretary  
Assistant, Book Store  
Secretary, Development Office  
Secretary to Vice President  
Secretary to Treasurer  
Switchboard Operator  
Secretary, Public Relations Office  
Assistant, Business Office  
Secretary, History Office  
Cashier  
Clerk, Admissions Office  
Secretary to President  
Secretary, Music Office  
Assistant, Business Office  
Assistant, Treasurer's Office  
Secretary, Student Personnel Office  
Clerk, Records Office  
Secretary, Language Office

* Officers elected in the spring of 1963.
Faculty*

CALVIN A. VANDER WERF
A.B. (Hope College 1937), Ph.D. (Ohio State University 1941),
Sc.D. (Hope College 1963)
President and Professor of Chemistry (1963)

IRWIN J. LUBBERS
A.B. (Hope College 1917), A.M. (Columbia University 1927),
Ph.D. (Northwestern University 1931), LL.D. (Central College),
Litt.D. (Rutgers University), Litt.D. (Hope College 1945)
President Emeritus

WYNAND WICHERS
A.B. (Hope College 1909), A.M. (University of Michigan 1918),
Litt.D. (Rutgers University), LL.D. (Hope College 1931)
President Emeritus

CHARLES C. ASCHBRENNER
B.Mus. (Illinois Wesleyan 1959), M.Mus. (Yale University 1963)
Instructor in Music (1963)

M. LOIS BAILEY
A.B. (Monmouth College 1925), A.M. (University of Wisconsin
1928), B.S. in L.S. (Western Reserve 1941)
Reference Librarian with rank of Assistant Professor (1954)

TUNIS BAKER
A.B. (Hope College 1923), M.S. (Columbia University 1930),
Ph.D. (New York University 1944)
Professor of Science Education (1957)

WILLIAM R. BARLOW
A.B. (Ohio University 1954), A.M. (Ohio University 1957),
Ph.D. (Ohio State University 1961)
Assistant Professor of History (1961)

RONALD W. BEERY
B.S. (Western Michigan University 1957)
Instructor in Physics (1963)

EDWARD E. BRAND
A.B. (Central College 1929), A.M. (University of Iowa 1938),
Ed.D. (University of Denver 1951)
Associate Professor of English (1946)

GORDON M. BREWER
A.B. (Hope College 1948), A.M. (University of Michigan 1952)
Assistant Professor of Physical Education and Director of
Athletics (1956)

IRWIN J. BRINK
A.B. (Hope College 1952), Ph.D. (University of Illinois 1957)
Associate Professor of Chemistry (1957)

*The figures in parentheses indicate the year in which the person began his service at Hope College. A second figure in parentheses indicates the year of beginning the present appointment after interruption in the period of service.
ROBERT S. BROWN  
A.B. (Western Michigan University 1950), M.A. (University of Michigan 1952), Ed.D. in Counseling (Michigan State University 1963)  
Instructor in Psychology (1960)

VIRGINIA A. CARWELL  
B.S. (Eastern Illinois University 1954), A.M. (Northwestern University 1955)  
Instructor in English (1958)

ROBERT W. CAVANAUGH  
Professor of Music Theory and Voice, Chairman of the Department of Music (1940, 1946)

ROBERT M. CECIL  
B.S. (Juilliard School of Music 1949), B.Mus. (Yale University School of Music 1951), M.Mus. (Yale University School of Music 1952)  
Assistant Professor of Music (1962)

DAVID L. CLARK  
A.B. (Yale University 1954), B.D. (Episcopal Theological School 1957)  
Instructor in History (1963)

DONALD A. CLELLAND  
A.B. (Calvin College 1958), A.M. (Michigan State University 1960)  
Instructor in Sociology (1963)

ALLEN B. COOK  
A.B. (Hope College 1937), B.D. (Western Theological Seminary 1940)  
College Pastor (1960)

PHILIP G. CROOK  
B.S. (University of Maryland 1949), M.S. (University of New Mexico 1951), Ph.D. (Pennsylvania State University 1955)  
Associate Professor of Biology and Chairman of the Department (1955)

ROGER E. DAVIS  
B.S. in Music Education (University of Akron 1957), B.Mus (Oberlin Conservatory of Music 1962), M.Mus. (Northwestern University 1963)  
Instructor in Music (1963)

CLARENCE T. DE GRAAF  
A.B. (Calvin College 1921), A.M. (University of Michigan 1924), Ed.D. in English (University of Michigan 1944)  
Professor of English and Chairman of the Department (1928)

ROBERT F. DE HAAN  
A.B. (Calvin College 1947), Ph.D. (University of Chicago 1951)  
Professor of Psychology and Chairman of the Department (1956)  
(On leave 1963-1965)
Faculty*

RUSSELL B. DE VETTE
A.B. (Hope College 1947), A.M. (University of Michigan 1948)
Associate Professor of Physical Education (1948, 1953, 1955)

DOUGLAS J. DUFFY
Th.B. (Northern Baptist Seminary 1948), A.M. (University of Chicago 1949), B.D. (Northern Baptist Seminary 1949), Ph.D. (University of Chicago 1951)
Associate Professor of Education (1962)

D. IVAN DYKSTRA
A.B. (Hope College 1935), Th.B. (Western Theological Seminary 1938), Ph.D. (Yale University 1945)
Professor of Philosophy and Chairman of the Department (1947)

EDWARD E. ERICSON
A.B. (Hope College 1961), A.M. (University of Arkansas 1963)
Instructor in English (1963)

MARIE J. FEYT
B.S. (Western Michigan University 1956), A.M. (Western Michigan University 1957)
Instructor in French (1959)

JAY E. FOLKERT
A.B. (Hope College 1939), A.M. (University of Michigan 1940), Ph.D. (Michigan State University 1955)
Professor of Mathematics and Chairman of the Department (1946)

PAUL G. FRIED
A.B. (Hope College 1946), A.M. (Harvard University 1947), Ph.D. (Erlangen, Germany 1949)
Professor of History and Chairman of the Department (1953)

HARRY F. FRISSEL
A.B. (Hope College 1942), M.S. (Iowa State University 1943), Ph.D. (Iowa State University 1954)
Professor of Physics and Chairman of the Department (1948)

EZRA F. GEARHART
A.B. (Hope College 1952), A.M. (Indiana University 1954)
Associate Professor of German and Chairman of the Department (1954)

LARS I. GRANBERG
A.B. (Wheaton College 1941), A.M. (University of Chicago 1946), Ph.D. (University of Chicago 1954)
Professor of Psychology and Clinical Psychologist (1947, 1960)

LAWRENCE J. GREEN
A.B. (Central College 1946), M.S. (Drake University 1950), Ph.D. (University of Iowa 1955)
Associate Professor of Physical Education and Chairman of the Department (1952)

ELDON D. GREIJ
B.S. (State Teachers College at Valley City, North Dakota 1959), M.S. (North Dakota State University 1962)
Instructor in Biology (1962)
Faculty*  

EARL E. HALL  
B.S. (Texas A. and M. 1943), S.T.B. (Boston University School of Theology 1954)  
Assistant Professor of Sociology and Chairman of the Department (1961)  

STANLEY J. HARRINGTON  
A.B. (Hope College 1958), M.F.A. (State University of Iowa 1961)  
Instructor in Art (1964)  

L. JAMES HARVEY  
A.B. (Hope College 1952), A.M. (Michigan State University 1953), Ph.D. (Michigan State University 1960)  
Assistant Professor of Education and Dean of Students (1961)  

WERNER W. HEINE  
A.B. (Michigan State University 1959), A.M. (Michigan State University 1961)  
Assistant Professor of German (1960)  

LORRAINE K. HELLENGA  
A.B. (Hope College 1960), A.M. (Wayne State University 1962)  
Instructor in Chemistry (1961)  

WILLIAM J. HILMERT  
A.B. (Hope College 1925), B.D. (Western Theological Seminary 1934)  
Professor of Religious Education and Dean of Men (1962)  

HERBERT W. HINES  
A.B. (Harvard University 1909), A.M. (Harvard University 1910), B.D. (University of Chicago 1911), Ph.D. (University of Chicago 1922)  
Professor of Russian (1963)  

E. JEAN HOLCOMBE  
A.B. (Taylor University 1945), A.B. in L.S. (University of Michigan 1947)  
Catalogue Librarian with Rank of Assistant Professor (1959)  

JANTINA W. HOLLEMAN  
A.B. (Central College 1943), A.M. (Columbia University 1946)  
Associate Professor of Music Theory and Piano (1946)  

JOHN W. HOLLENBACH  
A.B. (Muhlenberg 1934), A.M. (Columbia University 1935), Ph.D. (University of Wisconsin 1941)  
Professor of English and Vice President (1945)  

EUGENE C. JEKEL  
A.B. (Hope College 1952), M.S. (Purdue University 1955)  
Assistant Professor of Chemistry (1955)  

ARTHUR H. JENTZ, JR.  
A.B. (Hope College 1956), B.D. (New Brunswick Seminary 1959)  
Instructor in Religion and Bible (1962)  

DAVID A. KARSTEN  
A.B. (Hope College 1951), A.M. (Northwestern University 1955)  
Instructor in Speech (1959)  

139
Faculty*

ADRIAN J. KLAASEN
Ph.B. (University of Chicago 1929), A.M. (Michigan State University 1937), Ph.D. (Michigan State University 1961)
Associate Professor of Economics and Business (1957)

J. HARVEY KLEINHEKSEL
A.B. (Hope College 1922), M.S. (University of Illinois 1925),
Ph.D. (University of Illinois 1927)
Professor of Chemistry (1928)

CLARENCE KLEIS
A.B. (Hope College 1919), A.M. (University of Michigan 1928)
Professor of Physics (1921)

ELISABETH A. KOCH
B.S. (Mount Union College 1958)
Instructor in Biology (1964)

ANTHONY KOOIKER
B.M. (Northwestern University 1942), M.M. (Eastman School of Music 1944), Ph.D. (Eastman School of Music 1962)
Professor of Music Theory and Piano (1950)

BASTIAN KRUITHOF
A.B. (Calvin College 1927), A.M. (University of Michigan 1933),
D.D. (Hope College 1951), Ph.D. (University of Edinburgh 1955)
Associate Professor of Bible (1957)

BARBARA E. LOVELESS
Instructor in Mathematics (1960)

JAMES K. LOVELESS
A.B. (DePauw University 1957), M.F.A. (Indiana University 1960)
Instructor in Art and Chairman of the Department (1960)

JAMES J. MALCOLM
A.B. (Wheaton College 1953), B.D. (Fuller Theological Seminary, 1956), STM (Union Theological Seminary, N.Y. 1963)
Instructor in Speech (1963)

JOHN R. MAY
A.B. (Indiana University 1938), M.S. in L.S. (University of Illinois 1952)
Librarian with Rank of Associate Professor (1958)

GERHARD F. MEGOW
A.B. (Indiana University 1951), A.M. (Indiana University 1952),
Ph.D. (Indiana University 1959)
Associate Professor of German (1959)

NELLA MEYER
A.B. (University of Wisconsin 1921), A.M. (Columbia University 1940)
Professor of French (1923, 1945)

M. HAROLD MIKLE
A.B. (Western Michigan University 1931), A.M. (University of Michigan 1940)
Assistant Professor of Speech (1962)

JOYCE M. MORRISON
Instructor in Music (1962)
JOAN E. MUELLER
A.B. (Ohio Wesleyan University 1950), A.M. (Ohio Wesleyan University 1951), Ph.D. (Ohio State University 1959)
Assistant Professor of English (1960)

ZOE E. MURRAY
A.B. (Sul Ross State College 1929), A.M. (Baylor University 1939)
Assistant Professor of English (1960)

RALPH M. PERRY
Ph.B. (University of Chicago 1933), A.M. (University of Chicago 1937), Ph.D. (University of Illinois 1949)
Professor of Romance Languages and Chairman of the Department (1961)

LAMBERT J. PONSTEIN
A.B. (Hope College 1948), B.D. (Western Theological Seminary 1952), S.T.M. (Oberlin College 1959)
Associate Professor of Religion and Bible (1952)

DAVID O. POWELL
A.B. (Grove City College 1954), A.M. (Miami University 1957), Ph.D. (Ohio State University 1962)
Assistant Professor of History (1960)

ALBERT JAMES PRINS
A.B. (Hope College 1938), A.M. (University of Michigan 1939), Ed.D. in English (University of Michigan 1963)
Associate Professor of English (1946)

E. JEAN PROTHEROE
A.B. (Oberlin College 1944), A.M. (Syracuse University 1946), A.M. (Western Reserve 1950)
Assistant Professor of English (1958)

JOAN PYLE
A.B. (Hope College 1955), A.M. (Western Michigan University 1962)
Instructor in Physical Education (1960)

MARTIN N. RALPH
B.S. (Princeton University 1925)
Instructor in Spanish (1962)

MORRETTE L. RIDER
B.Mus. (University of Michigan 1942), M.Mus. (University of Michigan 1947), Ed.D. (Columbia University 1955)
Professor of Music Theory and Instrument (1947)

NORMAN W. RIECK
A.B. (Hope College 1953), M.S. (University of Michigan 1956), Ph.D. (University of Michigan 1957)
Associate Professor of Biology (1962)

ROGER J. RIETBERG
A.B. (Hope College 1947), S.M.M. (Union Theological Seminary, N.Y. 1949)
Associate Director of Admissions and Assistant Professor of Music (1954)
EDWARD B. SAVAGE  
A.B. (Hamline University 1948), A.M. (University of Minnesota 1953), Ph.D. (University of Minnesota 1959)  
Associate Professor of English (1961)

HELEN V. SCHOON 
A.B. (Northwestern University 1924), A.M. (University of Michigan 1942)  
Director of Reading Center, Assistant Professor of Education 1946

WILLIAM SCHRIER 
A.B. (University of Michigan 1924), A.M. (University of Michigan 1931), Ph.D. (University of Michigan 1945)  
Professor of Speech and Chairman of the Department (1939)

FRANK C. SHERBURNÉ, JR.  
B.S. (University of Toledo 1952), M.S. (Michigan State University 1956)  
Assistant Professor of Mathematics (1959)

DARYL L. SIEDENTOP 
A.B. (Hope College 1960), A.M. (Western Michigan University 1963)  
Instructor in Physical Education (1962)

ESTHER M. SNOW 
A.B. (Hope College 1941), A.M. (Michigan State University 1955)  
Assistant Professor of German (1937)

CHARLES A. STEKETEE 
A.B. (Hope College 1936), A.M. (University of Michigan 1937)  
Assistant Professor of Mathematics (1946)

JAMES H. TALLIS  
B.M. (Eastman School of Music 1954), S.M.M. (Union Theological Seminary, N.Y. 1958)  
Assistant Professor of Music (1964)

HENRY TEN HOOR  
A.B. (Calvin College 1938), A.M. (University of Michigan 1946), Ed.D. in English (University of Michigan 1963)  
Associate Professor of English (1946)

GARRETT VANDER BORGH 
A.B. (Hope College 1920), A.M. (Columbia University 1928)  
Professor of Education and Chairman of the Department (1923)

ALVIN W. VANDERBURGH 
A.B. (Hope College 1929), A.M. (University of Michigan 1938)  
Associate Professor of Political Science (1945)

WILLIAM VANDER LUGT 
A.B. (Calvin College 1927), A.M. (University of Michigan 1929), Ph.D. (University of Michigan 1932), Litt.D. (Central College 1950)  
Professor of Psychology, Dean of the College (1954)

ANDREW VANDER ZEE 
A.B. (Calvin College 1933), A.M. (University of Michigan 1942), A.M. in L.S. (Western Michigan University 1962)  
Catalog Librarian with the Rank of Instructor (1963)
Faculty*

F. PHILIP VAN EYL
A.B. (Hope College 1955), A.M. (Claremont Graduate School 1958)
Instructor in Psychology (1959)

PAUL VAN FAASEN
A.B. (Hope College 1956), M.S. (Michigan State University 1962)
Instructor in Biology (1963)

JOHN VAN IWAARDEN
A.B. (Hope College 1957), A.M. (University of Michigan 1958)
Instructor in Mathematics (1961)

JAMES D. VAN PUTTEN
A.B. (Hope College 1922), A.M. (Columbia University 1923),
B.D. (Presbyterian Seminary, Louisville 1925),
Ph.D. (University of Chicago 1934)
Professor of Political Science and
Chairman of the Department (1952)

EVA B. VAN SCHAAACK
A.B. (Hope College 1929), Ph.D. (The Johns-Hopkins
University 1937)
Associate Professor of Biology (1956)

GERRIT VAN ZYL
A.B. (Hope College 1918), M.S. (University of Michigan 1921),
Ph.D. (University of Michigan 1924), Hon. Sc. D. (Hamline
University 1952)
Professor of Chemistry and Chairman of the Department (1923)

JOHN J. VER BEEK
A.B. (Hope College 1926), A.M. (University of Michigan 1933)
Professor of Education (1950)

HENRY VOOGD
A.B. (Hope College 1941), B.D. (Western Theological Seminary
1944), Th.D. (Princeton University 1947)
Professor of Religion and Bible and
Chairman of the Department (1947)

HUBERT WELLS
A.B. (University of Michigan 1956), A.M. (Indiana
University 1958)
Instructor in Spanish (1962)

KENNETH J. WELLERS
A.B. (Hope College 1948), M.B.A. (University of Michigan
1949), Ph.D. (University of Michigan 1961)
Associate Professor of Economics and Business,
Assistant to the President (1949)

EDWARD J. WOLTERS
A.B. (Hope College 1920), A.M. (University of Michigan 1927)
Professor of Latin and Chairman of the
Classical Languages (1926)
Faculty*

MARCIA J. WOOD
A.B. (Kalamazoo College 1955), M.F.A. (Cranbrook Academy 1956)
Instructor in Art (1958)

DWIGHT B. YNTEMA
A.B. (Hope College 1926), A.M. (University of Michigan 1927),
Ph.D. (University of Michigan 1932)
Professor of Economics and Business Administration and
Chairman of the Department (1946)

JOSEPH ZSIROS
Th.D. (Debrecen, Hungary 1930)
Associate Professor of Greek (1947, 1959)

Assistants

ANNE BRATT
A.B. (Calvin)
English (1960)

RUTH DE WOLF
A.B. (Wellesley College), A.M. (Columbia)
English (1956)

PETER KLEYNENBERG
Music (1955)

NEIL LAMPER
A.B. (Calvin), Ph.D. (Michigan State)
Psychology (1963)

CALVIN LANGEJANS
A.B. (Hope), A.M. (Michigan)
Music (1959)

FRED LEASKE
A.B. (Hope), A.M. (Michigan State)
Education (1963)

ROBERT LESLIE
B.S. (Wisconsin), M.S. (Wisconsin)
Business Administration (1963)

LEROY MARTIN
Mus.B. (Cincinnati Conservatory)
Music (1959)

JAMES MILLER
A.B. (Goshen College), M.S. (Ohio State)
Sociology (1961)

DWAIN MITCHELL
B.Mus. (Michigan State), M.Mus. (Michigan State)
Music (1962)

WALTER J. ROPER
B.J. (Michigan)
Business Administration (1960)
Faculty

EUGENE SCHOLTEN
A.B. (Hope), A.M. (Southern California)
Psychology (1958)

ROBERT VANDERHAM
A.B. (DePauw), A.M. (DePauw)
Sociology (1949) (1963)

DELLA VANDER KOLK
A.B. (Hope), A.M. (Columbia)
English (1963)

DALE VAN LENTE
B.S. (Michigan)
Business Administration (1962)

Vienna Summer School 1963 — Faculty

IRWIN ABRAMS
Ph.D. (Harvard)
History (1963)

ROSWITHA KROEMER-BENESCH
Ph.D. (Graz)
Art History (1960)

FRIEDRICH FASSBINDER
Ph.D. (Vienna)
European Literature (1958)

PAUL EDGAR GRANDE
Certificate (Vienna)
German (1960)

FELIX MOLZER
M.S. (Pennsylvania)
Music (1961)

Vienna Summer School 1963 — Staff

FREDA ABRAMS
A.B. (Mills College)
Women’s Counselor (1963)

KARL BORSAI
Technische Hochschule (Vienna)
Administrative Assistant (1962)

LOUISE POWELSON DUDLEY
Ph.D. (Yale)
Assistant in History (1960)

PAUL G. FRIED
Ph.D. (Erlangen)
Director (1956)

JANE GARTNER
Musik Akademie (Vienna)
Assistant in Music and German (1963)

BRUCE VAN WYK
A.B. (Oberlin)
Graduate Assistant (1963)


**Faculty**

**Teacher Education Coordinators**

Student teaching is done under the supervision of selected teachers in Western Michigan with these coordinators:

**DUANE HOOKER**
A.M. (Western Michigan University)
West Ottawa Secondary Coordinator

**JAY FORMSMA**
A.M. (University of Michigan)
Holland Secondary Coordinator

**JOHN NOE**
A.M. (University of Michigan)
Holland Secondary Coordinator

**LAVERNE LAMPEN**
A.M. (Michigan State University)
Zeeland Secondary Coordinator

**GLENN OLSEN**
A.M. (University of Michigan)
Grand Haven Secondary Coordinator

**MARVIN J. OVERWAY**
A.M. (University of Michigan)
Hudsonville Secondary Coordinator

**MARGARET VAN VYVEN**
A.M. (Western Michigan University)
Holland Elementary Coordinator

**GUS FEENSTRA**
A.M. (Michigan State University)
West Ottawa Elementary Coordinator

**CORNELIUS HOEZEE**
A.M. (University of Michigan)
Zeeland Elementary Coordinator

**Faculty Standing Committees**

1963 - 1964

**ADMINISTRATIVE**

**EDUCATIONAL POLICIES**
Vander Lugt (chairman), Crook, Frissel, Granberg, Holleman, Hollenbach, Klaasen, Kruthof, Perry, ten Hoor, Ver Beek. Students: Margaret Bundschuh, Larry Haverkamp, Richard Witter

**STUDENT LIFE**

**RELIGIOUS LIFE**
Faculty*

**LIBRARY**
Megow (chairman), Carwell, Hall, Holcombe, Jekel, May, Mikle, Morrison, Powell, Prins. Students: Cynthia Hill, Wesley Michaelson

**CULTURAL AFFAIRS**
Voogd (chairman), Cecil, Dykstra, Fried, Karsten, Rieck, Savage, Vander Lugt, Wood. Students: Rebecca Allen, Billie Chain, Gilbert Ogonji, Bonnie Wissink

**ATHLETIC**
Pyle (chairman), Brewer, De Vette, Greij, Harvey, Heine, Vanderbush, Vander Velde, Van Iwaarden. Students: Christian Buys, Carole Howes, Dennis Vogel

**TEACHER EDUCATION**

**ADMISSIONS**
Timmer (director), Rietberg (associate director), Hollenbach (chairman), Brand, Folkert, Mueller, Murray, Snow, Vanderbush, Vander Lugt

**EDUCATIONAL GRANTS**
Kleis (chairman), VanderWerf, Cavanaugh, Harvey, Hollenbach, Steffens, Timmer, Van Zyl

**HONORS**
Hollenbach (chairman), Barlow, Cavanaugh, Folkert, Gearhart, Protheroe, Rieck, Van Eyl

**Faculty Elected Committees**

**STATUS COMMITTEE**
VanderWerf, Granberg, Holleman, Hollenbach, ten Hoor, Vander Lugt

**PROFESSIONAL INTERESTS COMMITTEE**
Brink (chairman), Crook, Klaasen, Protheroe, Vanderbush

**The Student Senate**
David Mouw, President
Mary Klein, Vice President
Hope Beckering, Recording Secretary
Carol Mogle, Corresponding Secretary
Bruce Neckers, Treasurer
Betty Bruins, Director of Public Relations
Members: Beverly Allred, Harry Andersen, Robert Anderson, Hope Beckering, Douglas Berens, Mary Ellen Bridger, Christian Buys, Bryce Butler, Billie Chain, Robert Donia, Elmer Edman, Jeffrey Eubank, David Grisson, Larry Haverkamp, Marion Hoekstra, Carole Howes, Thelma Leenhouts, Joseph Mayne, Wesley Michaelson, David Mouw, Jeffrey Muller, Bruce Neckers, Gilbert Ogonji, Peter Paulson, James Reid, Rona Slager, Joseph Solman, Marcia Swets, Ruth Sytsma, James Tell, Judyth Thomas, Lenora Vanden Berg, Dennis Vogel, Bernadine Vojak, Kenneth Walz

**Student-Faculty Committees**

**NEXUS COMMITTEE**
Dr. VanderWerf (co-chairman), David Mouw (co-chairman), Dean Hilmert, Dean Van Eenennaam, Dean Vander Lugt, Mary Klein, Hope Beckering, Bruce Neckers

**STUDENT PUBLICATION BOARD**
Mary Hakken, Larry Haverkamp, Earl Johnson, Frances Osborn, Karen Voskuil, Nancy Zwart, Dean Vander Lugt, Mr. Sherburne
The College Corporation

The Board of Trustees

Ex officio: The President of the College
Calvin A. VanderWerf, Ph.D.

The Executive Secretary of the Board of Education
Reformed Church in America
Bernard J. Mulder, D.D.

OFFICERS OF THE BOARD

Chairman
Ekdal Buys

Vice Chairman
Matthew Peelen, M.D.

Secretary
Randall C. Bosch

Treasurer
Henry Steffens

MEMBERS OF THE BOARD

Term Expires 1964

James W. Benes
Mohawk, New York

Carl Cleaver
New York, New York

William G. Geiger
Union City, New Jersey

Joseph C. Holbrook, Jr.
Cicero, Illinois

Kenneth Leestma
Sheldon, Iowa

Eugene Link, Ph.D.
New Paltz, New York

Matthew Peelen, M.D.
Kalamazoo, Michigan

John W. Ver Meulen
Racine, Wisconsin

Harri Zegerius
Kalamazoo, Michigan

Term Expires 1965

Randall C. Bosch
Holland, Michigan

Donald J. Bruggink, Ph.D.
Holland, Michigan

Donald L. Brush, LL.D.
East Lansing, Michigan

Chester Meengs
Chicago, Illinois

Carl M. Pearson
Rochester, New York

Robert Henninges
North Branch, New Jersey

Arad Riggs, LL.D.
Bronxville, New York

Harmon Wierenga
Pella, Iowa

Harold J. Workman
Muskegon, Michigan

Term Expires 1966

Titus J. Hager
Grand Rapids, Michigan

Herman Kruizenga
Muskegon, Michigan

Fritz V. Lenel, Ph.D.
Rensselaer, New York

Reuben J. Ongna
Denver, Colorado

Theodore Schaap
Grand Rapids, Michigan

Kenneth M. Spang
Chappaqua, New York

Duane Tellinghuisen
Lombard, Illinois

Laverne J. Vander Hill
Warwick, New York

Willard C. Wichers
Holland, Michigan
The College Corporation

Term Expires 1967

Ekdal Buys
Robert T. Dykstra
Gerard J. Koster
Harold Leestma
Eva L. Pelgrim
Robert C. Ransom
John J. Soeter, D.D.
William van den Berg
Wilbur J. Wörnuth
Caledonia, Michigan
Grand Rapids, Michigan
Babylon, New York
Santa Ana, California
Holland, Michigan
New York, New York
Jersey City, New Jersey
Leighton, Iowa
Schenectady, New York

Term Expires 1968

Erwin Bach
Spencer C. De Jong
M. Eugene Flipse
B. J. Hoffman
A. Dale Stoppels
Henry Ten Pas, M.D.
George H. Vander Borgh, Ph.D.
Mrs. Richard Whitmarsh
Sheboygan, Wisconsin
Tucson, Arizona
Douglaston, New York
Hudson, New York
Grand Rapids, Michigan
Holland, Michigan
West Sayville, New York
Pompton Plains, New Jersey

Term Expires 1969

Hugh De Pree
Mrs. Floyd Ellsworth
Winfield Hollander
Mrs. Gordon Huyler
Paul Lupkes
Tunis Miersma
William O. Rotschafer
Mrs. Harrison Smith
Bernard Voss, M.D.
Zeeland, Michigan
Port Ewen, New York
Kalamazoo, Michigan
Clifton, New Jersey
Indianapolis, New Jersey
Clymer, New York
Grand Rapids, Michigan
Greenwich, Connecticut
Redlands, California

Committees of the Board

EXECUTIVE COMMITTEE

Ekdal Buys, Chairman
Matthew Peelen
Randall C. Bosch
Eva Pelgrim
Hugh DePree
Arad Riggs
Titus J. Hager
Theodore Schaap
Gerard Koster
A. Dale Stoppels
Harold Leestma
George Vander Borgh
Herman Kruizenga
Calvin VanderWerf
Chester Meengs
John W. Ver Meulen
Chester Meengs
Willard Wichers

149
The College Corporation

BUILDING COMMITTEE
William O. Rottschafer — Chairman  John Vander Ploeg
Hugh DePree  Calvin VanderWerf
Titus J. Hager  Harold Workman
John J. Soeter

FINANCE AND INVESTMENT COMMITTEE
Arad Riggs — Chairman  Henry Steffens
Carl Cleaver  Calvin VanderWerf
Winfield Hollander  John W. Ver Meulen
Robert C. Ransom

HONORARY DEGREES AND INSTRUCTION COMMITTEES
Calvin VanderWerf — Chairman  John W. Hollenbach
Randall C. Bosch  Matthew Peelen
Ekdal Buys  Theodore Schaap
William Hilmert

BUDGET AND AUDIT COMMITTEE
Randall C. Bosch — Chairman  Henry Steffens
Ekdal Buys  Rein Visscher
Calvin VanderWerf

LONG RANGE PLANNING COMMITTEE
Willard C. Wichers — Chairman  Gerard J. Koster
Herman Kruizenga  Eva Pelgrim
Chester Meengs
Alumni Association

Board of Directors

1963 - 1964

President ........................................ Lamont Dirkse
Vice President .................................. Robert J. Prins
Secretary ......................................... Marian A. Stryker
Treasurer ......................................... Henry Steffens

Members

DIRECTORS — TERMS EXPIRING 1964

Earl E. Mosier .................................... Trenton, New Jersey
Dirk Mouw ......................................... Grand Rapids, Michigan
Mrs. Carl K. Krause ............................... Glastonbury, Connecticut
Mrs. Carl Tidd .................................... Hamilton, Michigan

DIRECTORS — TERMS EXPIRING 1965

Donald Ihrman .................................... Paw Paw, Michigan
Marvin Meengs .................................... Muskegon, Michigan
Milton Klow ....................................... Bethesda, Maryland
Henry Kinkema .................................. Kalamazoo, Michigan
Paul Kranendonk ................................. Guilderland Center, New York
Lamont Dirkse .................................... Grand Haven, Michigan
David A. Bolhuis ................................ Hudsonville, Michigan

DIRECTORS — TERMS EXPIRING 1966

Everett Poppink .................................. Rochester, New York
Robert J. Prins .................................. Grosse Pointe Park, Michigan
Willard D. June .................................. Paramount, California
**Honors and Awards**

**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 such as have met all the requirements and attained an average grade of 3.87 quality points.

The degree of Bachelor of Arts, Magna Cum Laude, will be conferred upon such as have met all the requirements and attained an average grade of 3.6 quality points.

The degree of Bachelor of Arts, Cum Laude, will be conferred upon such as have met all the requirements and have attained an average grade of 3.3 quality points.

In no case will an honor degree be awarded to any student who has not taken at least two years of his course in residence at the institution.

**Senior Honors**

The faculty of Hope College each May select a group of Seniors, not exceeding ten per cent of the graduation class, who in their opinion have given the greatest promise, through their academic achievement and campus service, of achieving signal success in their chosen professions. These Seniors are recognized at a special honors assembly held in May.

**Special Awards**

**SOUTHLAND AWARD**

Southland Award, a gold medal, to the young woman of the Senior class who, in the judgment of a designated committee of the faculty, has maintained the highest standard of all-around scholarship, character, and usefulness during the four years of her college course.

**ALMON T. GODFREY PRIZE IN CHEMISTRY**

Almon T. Godfrey Prize in Chemistry, a cash award to the Senior student chosen the outstanding student in Chemistry.

**PATTERSON MEMORIAL PRIZE IN BIOLOGY**

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.

**DOUWE B. YNTEMA PRIZE**

Douwe B. Yntema Prize, a cash award, to the Senior student who has been chosen the outstanding student in Physics.

**OTTO VAN DER VELDE ALL CAMPUS AWARD**

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.

**PIETENPOL PRIZE**

Pietenpol Prize, a cash award, to the Senior student who gives promise of greatest success in the Christian ministry.
Honors and Awards

POST JEWELRY MUSIC AWARDS
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.

A. A. RAVEN PRIZES IN ORATORY
A. A. Raven Prizes in Oratory, cash awards, for the two best orations on a subject of patriotic nature delivered by male students of Hope College.

ADELAIDE PRIZE IN ORATORY
Adelaide Prize in Oratory, a cash award, to the winner of an oratorical contest open to all women students on the campus.

J. ACKERMAN COLES DEBATING PRIZES
J. Ackerman Coles Debating Prizes, gold keys given to upper-class debaters who have achieved special distinction in Pi Kappa Delta.

HERMAN MILLER ART AWARD
Herman Miller Art Award, a $25 book award, given to a Senior most deserving of recognition and encouragement for creative work in the field of visual arts.

SENIOR BIBLICAL PRIZE
Senior Biblical Prize, a cash award, to the Senior student who has been chosen the outstanding student in the field of Biblical Studies.

JUNIOR BIBLICAL PRIZE
Junior Biblical Prize, a cash award, to the Junior student who has been chosen the outstanding student in the field of Church History.

SOPHOMORE BIBLICAL PRIZE
Sophomore Biblical Prize, The Coopersville Men's Bible Class Award, a cash award, to the Sophomore student who has exhibited superior ability in the field of Biblical Study.

FRESHMAN BIBLICAL PRIZE
Freshman Biblical Prize, a cash award, to the Freshman student who has exhibited superior ability in the field of Biblical Study.

SLOAN-STEGEMAN PRIZES
Sloan-Stegeman Prizes, cash awards, to the two college students writing the best essays on foreign missions.

CHRISTIAN HERALD AWARD
Christian Herald Award, a bronze medal, presented to a Senior student who has demonstrated qualities of outstanding Christian leadership on the campus.

THE EGBERT WINTER EDUCATION AWARDS
The Egbert Winter Education Awards, cash prizes, to the young man and the young woman in the Senior class who give promise of making the most significant contributions in the field of teaching.

WILLIAM B. EERDMAN'S POETRY PRIZE
William B. Eerdman's Poetry Prize, a cash award, for the best creative writing done in poetry during the current year.

WILLIAM B. EERDMAN'S PROSE PRIZE
William B. Eerdman's Prose Prize, a cash award, for the best creative writing done in prose for the current year.
Honors and Awards

GEORGE BIRKHOFF, JR. PRIZE
George Birkhoff, Jr. Prize, a cash award, to the student submitting the best work in a designated area of English.

RAY DE YOUNG HISTORY PRIZE
Ray De Young History Prize, a cash award, to the Senior student whose interest, achievement, and promise in history, as indicated by his academic record and a significant piece of historical research, most merit the award.

METTA J. ROSS HISTORY PRIZE
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.

THE MARGUERITE PRINS FRENCH AWARD
The 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.

ROLF ITALIAANDER JUNIOR PRIZES FOR HISTORY OR POLITICAL SCIENCE
Rolf Italiaander Junior Awards for History or Political Science, an award of $50 to a student in the junior class who has shown superior achievement and promise in the area of studies toward the betterment of international and interracial understanding as demonstrated in an essay on a topic assigned for the year by the department of History or Political Science. One copy of the essay is to be given to the donor, who will not act as one of the judges. Second and third prizes are a book written by Mr. Italiaander.

Fellowship Nominations

MICHIGAN COLLEGE FELLOWSHIP
Michigan College Fellowship. The University of Michigan has established fellowships which are awarded annually to a selected number of colleges in Michigan. The faculty of Hope College nominates an outstanding member of the graduating class to be the recipient of this fellowship award for graduate study at the University of Michigan.

MICHIGAN COLLEGE SCHOLARSHIP
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.

UNIVERSITY OF CHICAGO LAW SCHOLARSHIP
University of Chicago Law Scholarship. The Hope College faculty annually nominates an outstanding member of the graduating class to be the recipient of this scholarship award for study of law at the University of Chicago Law School.
### Recorder’s Report 1963-1964

#### Summer School, 1963

<table>
<thead>
<tr>
<th></th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hope College</td>
<td>121</td>
<td>98</td>
<td></td>
</tr>
<tr>
<td>Vienna</td>
<td>21</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>142</strong></td>
<td><strong>131</strong></td>
<td><strong>273</strong></td>
</tr>
</tbody>
</table>

**TOTAL SUMMER SCHOOL 273**

#### Number of FULL-TIME Students Enrolled First Semester 1963 - 1964

<table>
<thead>
<tr>
<th>Degree Students:</th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seniors</td>
<td>187</td>
<td>164</td>
<td>351</td>
</tr>
<tr>
<td>Juniors</td>
<td>189</td>
<td>132</td>
<td>321</td>
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<tr>
<td>Sophomores</td>
<td>208</td>
<td>173</td>
<td>381</td>
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<tr>
<td>Freshmen</td>
<td>246</td>
<td>192</td>
<td>438</td>
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<tr>
<td>Non-Degree Students</td>
<td>9</td>
<td>1</td>
<td>10</td>
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<tr>
<td><strong>839</strong></td>
<td><strong>662</strong></td>
<td><strong>1501</strong></td>
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#### Number of PART-TIME Students Enrolled First Semester 1963 - 1964

<table>
<thead>
<tr>
<th>Degree Students:</th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
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<tbody>
<tr>
<td>Seniors</td>
<td>12</td>
<td>7</td>
<td>19</td>
</tr>
<tr>
<td>Juniors</td>
<td>7</td>
<td>10</td>
<td>17</td>
</tr>
<tr>
<td>Sophomores</td>
<td>6</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>Freshmen</td>
<td>3</td>
<td>4</td>
<td>7</td>
</tr>
<tr>
<td>Non-Degree Students</td>
<td>12</td>
<td>4</td>
<td>16</td>
</tr>
<tr>
<td><strong>40</strong></td>
<td><strong>30</strong></td>
<td><strong>70</strong></td>
<td></td>
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</table>

**GRAND TOTALS 879**

**Total Full-Time Equivalent 1536**

#### Religious Affiliation

- Reformed Church in America: 972
- Presbyterian: 137
- Methodist: 102
- Christian Reformed: 100
- Congregational: 52
- Baptist: 36
- Episcopalian: 33
- Lutheran: 33
- Undenominational (Inc. Comm. & Fed.): 16
- Catholic: 15
- Christian: 11
- United Brethren: 8
- United Church of Christ: 8
- Protestant Reformed: 7
- None or Unknown: 7
- Union Church: 4
- Berean: 4
- Christian Science: 4
- Alliance: 3
- Evangelical: 3
- Covenant: 2
- Wesleyan Methodist: 2
- Assembly of God: 2
- Seventh Day Adventist: 2
- Evangelical & Reformed: 2
- Unitarian: 1
- Plymouth Brethren: 1
- Anglican: 1
- Mohammedan: 1
- Apostolic: 1
- Advent Christian: 1

**Total: 1571**
**Recorder's Report 1963-1964**

**Geographical Distribution**

<table>
<thead>
<tr>
<th>United States</th>
<th>Foreign Countries</th>
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</thead>
<tbody>
<tr>
<td>Michigan</td>
<td>Hong Kong</td>
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<tr>
<td>New York</td>
<td>Canada</td>
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<tr>
<td>New Jersey</td>
<td>Philippines</td>
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<tr>
<td>Illinois</td>
<td>Japan</td>
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<tr>
<td>Wisconsin</td>
<td>Arabian Gulf</td>
</tr>
<tr>
<td>Ohio</td>
<td>Netherlands</td>
</tr>
<tr>
<td>California</td>
<td>Iran</td>
</tr>
<tr>
<td>Indiana</td>
<td>Kenya</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>Togo</td>
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<tr>
<td>Connecticut</td>
<td>West Cameroon</td>
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<tr>
<td>Iowa</td>
<td>Nigeria</td>
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<td>Colorado</td>
<td>Angola</td>
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<td>Virginia</td>
<td>Thailand</td>
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<tr>
<td>Massachusetts</td>
<td>Guam</td>
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<tr>
<td>Maryland</td>
<td>Peru</td>
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<tr>
<td>Washington</td>
<td>Ethiopia</td>
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<tr>
<td>District of Columbia</td>
<td>Ecuador</td>
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<tr>
<td>Arizona</td>
<td>Formosa</td>
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<td>Minnesota</td>
<td>India</td>
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<tr>
<td>Florida</td>
<td>Sumatra</td>
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<td>Kentucky</td>
<td>Singapore</td>
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<td>South Dakota</td>
<td>Korea</td>
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<td>North Dakota</td>
<td>Jamaica</td>
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<td>New Hampshire</td>
<td>Germany</td>
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<td>Louisiana</td>
<td>Mexico</td>
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<td>Vermont</td>
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<td>Montana</td>
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<td>Oklahoma</td>
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<td>Oregon</td>
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<tr>
<td>Hawaii</td>
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Total 56*  
Grand Total 1571  

*This figure includes 13 American students whose parents are presently living in foreign countries.
Graduates, 1963

A.B. Degree Conferred in 1963

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, Lynne Ann</td>
<td>North Clymer, New York</td>
</tr>
<tr>
<td>Alexander, John Hudson</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Anderson, Diane Marie</td>
<td>Luther, Michigan</td>
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<tr>
<td>Antar, Abla Maure</td>
<td>Eastchester, New York</td>
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<tr>
<td>Atkinson, Susan Elaine</td>
<td>Hawthorne, New Jersey</td>
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<tr>
<td>Baker, Richard John</td>
<td>Clifton, New Jersey</td>
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<tr>
<td>Bakker, Marcia Ann Meengs</td>
<td>Chicago, Illinois</td>
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<tr>
<td>Becker, Charles A.</td>
<td>Glastonbury, Connecticut</td>
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<td>Becker, Carol Zainfeld</td>
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<tr>
<td>Berghorst, Bert John</td>
<td>Zeeland, Michigan</td>
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<td>Berghorst, Mary Alice</td>
<td>Zeeland, Michigan</td>
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<tr>
<td>Beukema, George Glenn</td>
<td>Denver, Colorado</td>
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<tr>
<td>Biel, Kenneth R.</td>
<td>Evergreen Park, Illinois</td>
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<tr>
<td>Blank, Kristin Elaine</td>
<td>Three Rivers, Michigan</td>
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<td>Blauwkamp, Florence Vander Woude</td>
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<td>Blevins, Keith Stuart</td>
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<td>Blom, John Aken</td>
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<td>Blood, Gerald Wayne</td>
<td>Buchanan, Michigan</td>
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<td>Bolhuis, David Arlen</td>
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<td>Bordewyk, Cynthia Ann</td>
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<td>Bosch, Beverly Ann</td>
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<td>Bothof, John Harold</td>
<td>West Lafayette, Indiana</td>
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<tr>
<td>Bowman, Sally Helene</td>
<td>Grand Rapids, Michigan</td>
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<tr>
<td>Brand, Richard John</td>
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<td>Brandsma, Richard Wayne</td>
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<td>Brass, William Henry</td>
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<td>Bredegeweg, Robert Allen</td>
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<td>Bringedahl, David George</td>
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<td>Bronson, David Lee</td>
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<td>Brookman, Roberta Oliva</td>
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<tr>
<td>Brower, David Lee</td>
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<tr>
<td>Bryson, Claire Edith Trembath</td>
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<td>Bultman, James Eldon</td>
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<td>Cady, Sharon Lee</td>
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<td>Campbell, John Robert</td>
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<td>Cetas, Thomas Charles</td>
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<td>Christensen, Jeffrey Karl</td>
<td>Chicago, Illinois</td>
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<td>Co, Raymond Tain Siong</td>
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<td>Cole, Sheldon N.</td>
<td>Traverse City, Michigan</td>
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<td>Combs, James David</td>
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<td>Cooper, Elizabeth Mae</td>
<td>Wallkill, New York</td>
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<td>Cotts, James Ward</td>
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<td>Cramer, Paul Jon</td>
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<td>Crandle, Karen Sue</td>
<td>Grand Rapids, Michigan</td>
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<td>Cross, Clifford Robert</td>
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<td>Dalman, Junia K.</td>
<td>Holland, Michigan</td>
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<td>Davis, Donna Jeanne</td>
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<td>DeFeyter, Loraine Jean</td>
<td>Decatur, Michigan</td>
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<tr>
<td>Dekker, Marvin John</td>
<td>Chicago Heights, Illinois</td>
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<tr>
<td>DeRyke, Judith Kay</td>
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<tr>
<td>de Velder, Margaret Jessie</td>
<td>Kowloon, Hong Kong</td>
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</tbody>
</table>
de Velder, Mary Ellen
de Velder, Walter Philip
DeWitt, Dennis James
DeWitt, Judith Louise
DeWitt, Marilyn Joyce
De Young, Peter Allen
Diephuis, Joan
Douma, Carol Jeanne
Dunn, John Stephen
Eaton, Marcia Ruth
Ekema, Bernard Dean
Elzinga, Joyce Elaine
Elzinga, Marilyn Kay
Elzinga, Patricia Jane
Emerick, Judson Johnson
Esther, James Richard
Evers, Darwin Willard
Faas, John J.
Faulk, Martha Juanita
Ferrell, Michael Dennis
Fieldhouse, John William
Fischer, Jack Leonard
Fugazzotto, David Joseph
Fuge, Marian Carol
Gaugler, Robert Walter
 Gerritsen, Ruth Estelle
Glupker, Bruce Allen
Goodfellow, Steven James
Gordon, Robert William
Gortmaker, Marlys Ruth
Gouwens, Mary Elizabeth
Grabinski, Nancy Ann
Griffith, Maurice Edgar, Jr.
Haas, Maurine Kay
Hadawi, Hilda Nadia
Hanchett, Marjorie Joyce
Harmerlinck, Joyce
Harmsen, Russell Grant
Hartgerink, Kenneth
Hartman, Donna Mae
Havlicek, Mary Jane Dykstra
Havlicek, Stephen Charles
Heideman, Carolyn Mae
Heburn, Linda Ellen
Herlein, Nancy Ruth
Herron, Ralph Howard
Hess, Norman LeRoy
Heyns, Larry Kenward
Hoekman, Robert Eugene
Hoekstra, Thomas Farr
Hoekstra, Thomas Lee
Hoffman, Judith Ann
Hofmeyer, Ruth Ausema
Hogenboom, Mary Ann
Hollander, Janet Ruth
Hollander, Lois Beth
Ridgewood, New Jersey
Kowloon, Hong Kong
Muskegon Heights, Michigan
Grand Rapids, Michigan
Zeeland, Michigan
Holland, Michigan
Midland Park, New Jersey
Benton Harbor, Michigan
Grosse Pointe Farms, Michigan
Holland, Michigan
Kalamazoo, Michigan
Chicago, Illinois
Byron Center, Michigan
Holland, Michigan
Kingston, New York
Quezon City, Philippines
Martin, Michigan
Kalamazoo, Michigan
Rochelle Park, New Jersey
Ridgewood, New Jersey
De Motte, Indiana
Indianapolis, Indiana
Olean, New York
Buffalo, New York
North Haledon, New Jersey
Holland, Michigan
Grand Rapids, Michigan
Sparta, Michigan
Holland, Michigan
Monroe, South Dakota
Grosse Pointe Farms, Michigan
South Holland, Illinois
Berwyn, Illinois
Grand Rapids, Michigan
Willowdale, Ontario, Canada
Coopersville, Michigan
Woodstock, Minnesota
Holland, Michigan
Holland, Michigan
Grand Haven, Michigan
Reed City, Michigan
Cliffwood Beach, New Jersey
Sheboygan Falls, Wisconsin
Whitestone, New York
Muskegon, Michigan
Freehold, New York
Ridgewood, New Jersey
Grand Rapids, Michigan
Maurice, Iowa
Kalamazoo, Michigan
Grand Rapids, Michigan
Muskegon, Michigan
Chicago, Illinois
Clymer, New York
Kalamazoo, Michigan
Sioux Center, Iowa
Grandville, Michigan
Saugerties, New York
Whitehouse Station, New Jersey
Holland, Michigan
Holland, Michigan
Allison Park, Holland, Michigan
Grand Rapids, Michigan
Holland, Michigan
Holland, Michigan
Kohler, Wisconsin
South Holland, Illinois
Wayne, New Jersey
South Holland, Illinois
South Holland, Illinois
Holland, Michigan
Altamont, New York
Hackensack, New Jersey
Frankfort, Michigan
Adrian, Michigan
Rochester, New York
South Haven, Michigan
Grand Rapids, Michigan
Holland, Michigan
Zeeland, Michigan

Kochi, Japan

Conklin, Michigan
Hamilton, Michigan
Riverdale, Illinois
Westchester, Illinois
Jenison, Michigan
Detroit, Michigan
Holland, Michigan
Yonkers, New York
Holland, Michigan
Holland, Michigan

Ridgefield, New Jersey
Three Oaks, Michigan
Holland, Michigan
Holland, Michigan
Clara City, Minnesota
Holland, Michigan
Norwalk, California
Hudsonville, Michigan
Danforth, Illinois
Climax, Michigan
Grandville, Michigan
Holland, Michigan
Hamburg, New York

Hasbrouck Heights, New Jersey
Holland, Michigan
Byron Center, Michigan
Holland, Michigan
Holland, Michigan

Kowloon, Hong Kong

Hingham, Wisconsin

Grandville, Michigan
Graduates, 1963

Lovett, Sandra Arlene
Loveys, Judith Anne
Lucas, Paul Albert
Luttikhuizen, Marinus Gilbert
Mak, Louise
Maki, Margaret Victoria
Mannes, Robert John
Marr, George
Marshall, Roland Hayes
McDowell, James
McMullin, Edith Wolbrink
Meerman, Faith Rita
Meeuwsen, Sharon Marie
Meyer, Paul Urban
Michmerhuizen, James L.
Mooshie, John Stuart
Morrison, David Terry
Mortensen, Virginia Ann
Mulliken, Lynne Belding
Musser, D. Kenneth
Nederveld, Gary Lee
Nettles, Earl William
Nicolai, Albert Hill, Jr.
Nieuwsma, Milton John
Norder, Raymond Arthur
Nyboer, Peggy Ann Tillema
Nykamp, Christine
Nykamp, Wesley John
Oosting, John Thomas
Oster, Diana Rinelde
Paauwe, Neil Allen
Peelen, Mary Louise
Pennington, Gail G.
Pesslek, Judith Ann
Peterson, Gilmer M.
Piaget, Barbara Lynne Timmers
Piet, John Judson
Poppink, Grace Marie
Prins, Charles Alan
Rattray, Carol Ann
Reenders, Jo Ann
Rees, Nancy Jane
Ridder, Bernard Lambertus
Riters, Leonids Janis
Roe, Bruce Allan
Roters, Mary Elizabeth
Ryan, William R.
Rybarczyk, Michael
Salm, Ida Jean
Saxsma, Wayne Richard
Schaap, Dorian Faith
Schaap, James Clarence
Schaap, Ronald C.
Schaap, Sharon Joy
Scheerhorn, Dale Laverne
Scheffers, Jean Ann

Detroit, Michigan
Schoharie, New York
Holland, Michigan
Hudsonville, Michigan
Hancock, Michigan
Holland, Michigan
London, England
Cleveland, Ohio
Plainfield, New Jersey
Allendale, Michigan
Coopersville, Michigan
Hudsonville, Michigan
Lombard, Illinois
Holland, Michigan
Kenmore, New York
Grand Rapids, Michigan
Wayne, New Jersey
Grosse Pointe, Michigan
Emmaus, Pennsylvania
Byron Center, Michigan
Holland, Michigan
Linden, New Jersey
Morrison, Illinois
Chicago, Illinois
Holland, Michigan
Zeeland, Michigan
Holland, Michigan
Kettering, Ohio
Flemington, New Jersey
Holland, Michigan
Kalamazoo, Michigan
Cresskill, New Jersey
South St. Paul, Minnesota
Spring Lake, Michigan
Grand Rapids, Michigan
Holland, Michigan
Hillsdale, Michigan
Holland, Michigan
Chicago, Illinois
Grand Haven, Michigan
Brooklyn, New York
Holland, Michigan
New Hyde Park, L.I., N.Y.
St. Anne, Illinois
Onarga, Illinois
Grand Rapids, Michigan
Holland, Michigan
Grand Rapids, Michigan
Grand Rapids, Michigan
Grandville, Michigan
South Holland, Illinois
<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schipper, Daughn Lee</td>
<td>Coopersville, Michigan</td>
</tr>
<tr>
<td>Scholten, Merwyn Glenn</td>
<td>Sheldon, Iowa</td>
</tr>
<tr>
<td>Schoon, Dale Richard</td>
<td>Gary, Indiana</td>
</tr>
<tr>
<td>Schoon, Jon Mark</td>
<td>Valparaiso, Indiana</td>
</tr>
<tr>
<td>Schregardus, Darell Jay</td>
<td>Modesto, California</td>
</tr>
<tr>
<td>Schumacher, Carolyn Ann</td>
<td>Ann Arbor, Michigan</td>
</tr>
<tr>
<td>Schurman, Bruce</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Scott, David Ellsworth</td>
<td>Millburn, New Jersey</td>
</tr>
<tr>
<td>Scudder, Lewis Rousseau</td>
<td>Kuwait, Arabian Gulf</td>
</tr>
<tr>
<td>Sebens, Kenneth Eugene</td>
<td>Everson, Washington</td>
</tr>
<tr>
<td>Seely, Edward DeVoe</td>
<td>Wallkill, New York</td>
</tr>
<tr>
<td>Serum, Robert William</td>
<td>Hudsonville, Michigan</td>
</tr>
<tr>
<td>Shepard, Ralph Gerard</td>
<td>Zeeland, Michigan</td>
</tr>
<tr>
<td>Shoemaker, Ronald Larry</td>
<td>Grand Rapids, Michigan</td>
</tr>
<tr>
<td>Siebers, Jack Alan</td>
<td>Grand Rapids, Michigan</td>
</tr>
<tr>
<td>Sienstra, Sally Ann</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Slikkers, Maraly Ann Ferris</td>
<td>Hyde Park, New York</td>
</tr>
<tr>
<td>Smith, Norman Scott</td>
<td>Grand Rapids, Michigan</td>
</tr>
<tr>
<td>Spaan, Marcia Kay</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Spoolstra, Franklin Eugene</td>
<td>Hamilton, Michigan</td>
</tr>
<tr>
<td>Stadt, Yvonne Douma</td>
<td>Kalamazoo, Michigan</td>
</tr>
<tr>
<td>Stapert, John Charles</td>
<td>Grand Rapids, Michigan</td>
</tr>
<tr>
<td>Steenbergen, David John</td>
<td>Midland, Michigan</td>
</tr>
<tr>
<td>Steffens, Carole Ann Shrader</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Stoel, Robert Herman</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Swets, Paul William</td>
<td>Baldwin, Wisconsin</td>
</tr>
<tr>
<td>TeHennepe, Roger Allan</td>
<td>Grand Rapids, Michigan</td>
</tr>
<tr>
<td>Tietsma, Larry Ralph</td>
<td>Williamson, New York</td>
</tr>
<tr>
<td>Tellier, Norman John</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Ten Cate, Joan Elizabeth</td>
<td>Brandon, Wisconsin</td>
</tr>
<tr>
<td>Tenpas, Arlen Bruce</td>
<td>Cedar Grove, Wisconsin</td>
</tr>
<tr>
<td>Ten Pas, Mary Lou</td>
<td>Muskegon, Michigan</td>
</tr>
<tr>
<td>Timmer, Charles Martin</td>
<td>Hagarman, New York</td>
</tr>
<tr>
<td>Tomlinson, Samuel Charles</td>
<td>Orange City, Iowa</td>
</tr>
<tr>
<td>Topp, Leonard Leo</td>
<td>Oakland, California</td>
</tr>
<tr>
<td>Tucker, Martha Kate</td>
<td>Lyndhurst, Ohio</td>
</tr>
<tr>
<td>Tysse, James Garth</td>
<td>Spring Lake, Michigan</td>
</tr>
<tr>
<td>Valencourt, Richard Henry</td>
<td>Grand Rapids, Michigan</td>
</tr>
<tr>
<td>Van Dam, David J.</td>
<td>Hudsonville, Michigan</td>
</tr>
<tr>
<td>Van Dam, Edwin Marc</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Vandenberg, William C. III</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Vandenbos, Benjamin Jay</td>
<td>Warwick, New York</td>
</tr>
<tr>
<td>Vander Hill, James Gordon</td>
<td>Clinton, Iowa</td>
</tr>
<tr>
<td>Vanderlaan, Robert Lee</td>
<td>Kalamazoo, Michigan</td>
</tr>
<tr>
<td>Vander Meer, Frederick John</td>
<td>McBain, Michigan</td>
</tr>
<tr>
<td>Vander Pol, Adrian Phillip</td>
<td>Woodland Hills, California</td>
</tr>
<tr>
<td>Van Dongen, Edwin John, Jr.</td>
<td>New Era, Michigan</td>
</tr>
<tr>
<td>Van Duinen, John Abie</td>
<td>New Era, Michigan</td>
</tr>
<tr>
<td>Van Duinen, Wayne Arthur</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Van Dyke, Janice Dykman</td>
<td>Denver, Colorado</td>
</tr>
<tr>
<td>Van Genderen, Kurt</td>
<td>Zeeland, Michigan</td>
</tr>
<tr>
<td>Van Kloey, Thomas Jeffrey</td>
<td>Sheldon, Iowa</td>
</tr>
<tr>
<td>Van Ommeran, Tony Lee</td>
<td>Grand Rapids, Michigan</td>
</tr>
<tr>
<td>Van Overloop, Karen Anne</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Van Tatenhove, Jane Elizabeth</td>
<td>Holland, Michigan</td>
</tr>
<tr>
<td>Van Wingeren, Sharon Lee</td>
<td>Holland, Michigan</td>
</tr>
</tbody>
</table>
Graduates, 1963

Veenstra, Lois Ann  
Veldhuis, Stephen S.  
Vermeer, Lorna Joy  
Ver Strate, Gary William  
Villerius, Frank Jacob  
Vinstra, Kenneth James  
Visser, Kenneth Charles  
Vuurens, Donald J.  
Wabek, Gene Allen  
Walt, Delores Mae  
Walters, George Lewis  
Walvoord, Barbara Ellen  
Wasserman, Margaret Joan  
Weenum, Janis Lee  
Welty, Sam Robert  
Werge, Thomas Alan  
Westhuis, Wesley Ross  
Wever, Sheryl Jean  
Wheaton, JoAnn Elizabeth Brown  
Wheaton, William Dale  
Wiergertink, James Gerald Jr.  
Wier, David  
Winn, Stanley Arden  
Wolf, Gerrit  
Wolterink, Thomas Dale  
Woltman, Karen Jean  
Wooby, Jane Alison  
Woodward, John Charles  
Workman, Marietta Jean  
Yeager, Phyllis Lee  
Yost, Neff Rockwell  
Zeerip, Donna Mae  
Ziesenitz, Mary Elizabeth  
Zwemer, Jane Karen  
Zwemer, Judith Ann  
Zwyghuizen, Arlene Kay  

Muskegon, Michigan  
Holland, Michigan  
Denver, Colorado  
Metuchen, New Jersey  
Goudswaard, Netherlands  
Holland, Michigan  
Homewood, Illinois  
Holland, Michigan  
Hudsonville, Michigan  
Coopersville, Michigan  
St. Joseph, Michigan  
Oradell, New Jersey  
Westbury, New York  
Muskegon, Michigan  
Sturgis, Michigan  
North Bergen, New Jersey  
Fox Lake, Wisconsin  
Fremont, Michigan  
Holland, Michigan  
Media, Pennsylvania  
Comstock Park, Michigan  
Belvidere, Illinois  
Northfield, Illinois  
Holland, Michigan  
Oak Park, Illinois  
Fennville, Michigan  
Downers Grove, Illinois  
Muskegon, Michigan  
Conrad, Montana  
Holland, Michigan  
Holland, Michigan  
Hudson, New York  
Bethesda, Maryland  
Marquette, Michigan  
Grandville, Michigan

Honor Degrees, 1963

Summa Cum Laude

Blank, Kristin Elaine  
Harmelink, Joyce  
Kobes, Rodger Dale  

Lucas, Paul Albert  
Siebers, Jack Alan  
Walvoord, Barbara Ellen

Magna Cum Laude

Becker, Carol Zainfeld  
Faulk, Martha Juanita  
Jenner, John Herbert  
Kleis, David John  
Louret, Jean Beth  
Peelen, Mary Louise  
Steffens, Carole Ann Shrader  
Zwemer, Judith Ann
Honor Degrees, 1963

Cum Laude

Adams, Lynne Ann
Bakker, Marcia Ann Meengs
Bultman, James Eldon
Cetas, Thomas Charles
Cotts, James Ward
Davis, Donna Jeanne
De Ryke, Judith Kay
de Velder, Margaret Jessie
De Witt, Judith Louise
Elzinga, Joyce Elaine
Fischer, Jack Leonard
Harmsen, Russell Grant
Havlicek, Stephen Charles
Heyns, Larry Kenward
Howlett, Stephen Charles
Hyink, Paul William

Kampen, Beula Joyce
Kieft, John Allen
Koster, Robert Allen
Mak, Louise
Nykamp, Christine
Oster, Diana Rinelde
Prins, Charles Alan
Spaan, Marcia Kay
Spoolstra, Franklin Eugene
Stapert, John Charles
Veldhuis, Stephen Sipko
Werge, Thomas Alan
Westhuis, Wesley Ross
Woodward, John Charles
Zwyghuizen, Arlene Kay

Honorary Degrees, 1963

Frederick H. Olert
Calvin A. VanderWerf

Doctor of Divinity
Doctor of Science
<table>
<thead>
<tr>
<th>Index</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absence Rules</td>
<td>42</td>
</tr>
<tr>
<td>Academic Affiliations</td>
<td>7</td>
</tr>
<tr>
<td>Academic Regulations</td>
<td>39</td>
</tr>
<tr>
<td>Academic Sessions</td>
<td>33</td>
</tr>
<tr>
<td>Academic Standing</td>
<td>40</td>
</tr>
<tr>
<td>Activities, Student</td>
<td>17</td>
</tr>
<tr>
<td>Adding Courses</td>
<td>40</td>
</tr>
<tr>
<td>Administration</td>
<td>133</td>
</tr>
<tr>
<td>Admission</td>
<td>22</td>
</tr>
<tr>
<td>Advanced Standing</td>
<td>23</td>
</tr>
<tr>
<td>Advisors</td>
<td>14, 116</td>
</tr>
<tr>
<td>Aid, Student</td>
<td>25</td>
</tr>
<tr>
<td>Alumni Association</td>
<td>151</td>
</tr>
<tr>
<td>Alumni Office</td>
<td>16</td>
</tr>
<tr>
<td>Anchor</td>
<td>19</td>
</tr>
<tr>
<td>Art</td>
<td>45</td>
</tr>
<tr>
<td>Association of Women Students</td>
<td>20</td>
</tr>
<tr>
<td>Athletic Activities</td>
<td>21</td>
</tr>
<tr>
<td>Attendance</td>
<td>42</td>
</tr>
<tr>
<td>Awards</td>
<td>152</td>
</tr>
<tr>
<td>Band</td>
<td>19</td>
</tr>
<tr>
<td>Bible and Religion</td>
<td>98</td>
</tr>
<tr>
<td>Bills</td>
<td>25</td>
</tr>
<tr>
<td>Biology</td>
<td>47</td>
</tr>
<tr>
<td>Blue Key</td>
<td>17</td>
</tr>
<tr>
<td>Board and Room Fees</td>
<td>24</td>
</tr>
<tr>
<td>Board of Trustees</td>
<td>148</td>
</tr>
<tr>
<td>Buildings</td>
<td>10</td>
</tr>
<tr>
<td>Business Administration</td>
<td>53, 117</td>
</tr>
<tr>
<td>Calendar</td>
<td>2</td>
</tr>
<tr>
<td>Campus</td>
<td>10</td>
</tr>
<tr>
<td>Cars</td>
<td>8</td>
</tr>
<tr>
<td>Certificate, Teachers</td>
<td>38, 127</td>
</tr>
<tr>
<td>Chancel Choir</td>
<td>18</td>
</tr>
<tr>
<td>Change of Courses</td>
<td>40</td>
</tr>
<tr>
<td>Chapel Attendance</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry</td>
<td>50, 118</td>
</tr>
<tr>
<td>Chemistry Scholarships</td>
<td>28</td>
</tr>
<tr>
<td>Chapel Choir</td>
<td>18</td>
</tr>
<tr>
<td>Christian Ministry</td>
<td>119</td>
</tr>
<tr>
<td>Church Work</td>
<td>119</td>
</tr>
<tr>
<td>Class Attendance</td>
<td>42</td>
</tr>
<tr>
<td>Classical Languages</td>
<td>53</td>
</tr>
<tr>
<td>Classification</td>
<td>41</td>
</tr>
<tr>
<td>College Corporation</td>
<td>148</td>
</tr>
<tr>
<td>Commencement</td>
<td>2</td>
</tr>
<tr>
<td>Committees, Board of Trustees</td>
<td>148</td>
</tr>
<tr>
<td>Committees, Faculty</td>
<td>146</td>
</tr>
<tr>
<td>Composite Majors</td>
<td>38</td>
</tr>
<tr>
<td>Correspondence Courses</td>
<td>42</td>
</tr>
<tr>
<td>Counseling Service</td>
<td>14</td>
</tr>
<tr>
<td>Course Requirements</td>
<td>37</td>
</tr>
<tr>
<td>Cultural Affairs</td>
<td>17</td>
</tr>
<tr>
<td>Curricula, Suggested</td>
<td>116</td>
</tr>
<tr>
<td>Debate</td>
<td>17</td>
</tr>
<tr>
<td>Degrees Conferred</td>
<td>157-162</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>36</td>
</tr>
<tr>
<td>Dentistry</td>
<td>120</td>
</tr>
<tr>
<td>Departmental Clubs</td>
<td>17</td>
</tr>
<tr>
<td>Description of Courses</td>
<td>44</td>
</tr>
<tr>
<td>Development Office</td>
<td>16</td>
</tr>
<tr>
<td>Dining Facilities</td>
<td>13</td>
</tr>
<tr>
<td>Diplomatic Service</td>
<td>120</td>
</tr>
<tr>
<td>Dramatics</td>
<td>17</td>
</tr>
<tr>
<td>Dropping Courses</td>
<td>40</td>
</tr>
<tr>
<td>Index</td>
<td>Page</td>
</tr>
<tr>
<td>--------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Economics</td>
<td>53, 117</td>
</tr>
<tr>
<td>Education</td>
<td>58</td>
</tr>
<tr>
<td>Education Scholarships</td>
<td>29</td>
</tr>
<tr>
<td>Employment</td>
<td>31</td>
</tr>
<tr>
<td>English</td>
<td>61</td>
</tr>
<tr>
<td>Engineering</td>
<td>121</td>
</tr>
<tr>
<td>Enrollment</td>
<td>155</td>
</tr>
<tr>
<td>Entrance Requirements</td>
<td>23</td>
</tr>
<tr>
<td>European Semester Plan</td>
<td>34</td>
</tr>
<tr>
<td>European Summer Session</td>
<td>33</td>
</tr>
<tr>
<td>Expenses</td>
<td>24</td>
</tr>
<tr>
<td>Extension Courses</td>
<td>42</td>
</tr>
<tr>
<td>Faculty Committees</td>
<td>146</td>
</tr>
<tr>
<td>Faculty Roster</td>
<td>136</td>
</tr>
<tr>
<td>Failures</td>
<td>39</td>
</tr>
<tr>
<td>Fees</td>
<td>24</td>
</tr>
<tr>
<td>Field of Concentration</td>
<td>38</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>25</td>
</tr>
<tr>
<td>Foreign Language</td>
<td></td>
</tr>
<tr>
<td>Requirements</td>
<td>37</td>
</tr>
<tr>
<td>Forensics</td>
<td>17</td>
</tr>
<tr>
<td>Fraternities</td>
<td>20</td>
</tr>
<tr>
<td>French</td>
<td>103</td>
</tr>
<tr>
<td>Geneva Fund</td>
<td>27</td>
</tr>
<tr>
<td>Geographical</td>
<td></td>
</tr>
<tr>
<td>Distribution</td>
<td>156</td>
</tr>
<tr>
<td>Geography</td>
<td>72</td>
</tr>
<tr>
<td>General Semester Fees</td>
<td>24</td>
</tr>
<tr>
<td>German</td>
<td>66</td>
</tr>
<tr>
<td>Grading System</td>
<td>39</td>
</tr>
<tr>
<td>Graduates</td>
<td>157</td>
</tr>
<tr>
<td>Graduation Honors</td>
<td>152</td>
</tr>
<tr>
<td>Graduation</td>
<td></td>
</tr>
<tr>
<td>Requirements</td>
<td>36</td>
</tr>
<tr>
<td>Grants in Aid</td>
<td>30</td>
</tr>
<tr>
<td>Greek</td>
<td>68</td>
</tr>
<tr>
<td>Guidance</td>
<td>14</td>
</tr>
<tr>
<td>Gymnasium</td>
<td>12</td>
</tr>
<tr>
<td>Health Service</td>
<td>15</td>
</tr>
<tr>
<td>History</td>
<td></td>
</tr>
<tr>
<td>History of College</td>
<td>5</td>
</tr>
<tr>
<td>Home and Family Living</td>
<td>122</td>
</tr>
<tr>
<td>Honor Degrees</td>
<td>162, 163</td>
</tr>
<tr>
<td>Honors and Awards</td>
<td>152</td>
</tr>
<tr>
<td>Honor Societies</td>
<td>17</td>
</tr>
<tr>
<td>Housing</td>
<td>12, 13</td>
</tr>
<tr>
<td>Incompletes</td>
<td>39</td>
</tr>
<tr>
<td>Intramural Program</td>
<td>21</td>
</tr>
<tr>
<td>Journalism</td>
<td>123</td>
</tr>
<tr>
<td>Languages, Classical</td>
<td>53</td>
</tr>
<tr>
<td>Languages, Romance</td>
<td>102</td>
</tr>
<tr>
<td>Latin</td>
<td>72</td>
</tr>
<tr>
<td>Law</td>
<td>123</td>
</tr>
<tr>
<td>Library</td>
<td>11</td>
</tr>
<tr>
<td>Librarianship</td>
<td>123</td>
</tr>
<tr>
<td>Load, Student</td>
<td>41</td>
</tr>
<tr>
<td>Loans</td>
<td>30</td>
</tr>
<tr>
<td>Maintenance</td>
<td>133</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>36</td>
</tr>
<tr>
<td>Map of Campus</td>
<td>9</td>
</tr>
<tr>
<td>Mathematics</td>
<td>74</td>
</tr>
<tr>
<td>Medical Form</td>
<td>22</td>
</tr>
<tr>
<td>Medical Technology</td>
<td>124</td>
</tr>
<tr>
<td>Medicine</td>
<td>124</td>
</tr>
<tr>
<td>Men's Housing</td>
<td>13</td>
</tr>
<tr>
<td>Michigan</td>
<td></td>
</tr>
<tr>
<td>Intercollegiate</td>
<td></td>
</tr>
<tr>
<td>Athletic Association</td>
<td>21</td>
</tr>
<tr>
<td>Milestone</td>
<td>19</td>
</tr>
<tr>
<td>Ministry</td>
<td>119</td>
</tr>
<tr>
<td>Mortar Board</td>
<td>17</td>
</tr>
<tr>
<td>Music</td>
<td>76, 125</td>
</tr>
<tr>
<td>Music Scholarships</td>
<td>29</td>
</tr>
<tr>
<td>Musical Organizations</td>
<td>18</td>
</tr>
<tr>
<td>Nature and Purposes</td>
<td>6</td>
</tr>
<tr>
<td>Normal College Program</td>
<td>116</td>
</tr>
<tr>
<td>Nursing</td>
<td>125</td>
</tr>
<tr>
<td>Opus</td>
<td>19</td>
</tr>
</tbody>
</table>
# Index

<table>
<thead>
<tr>
<th>Term</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oratorio Chorus</td>
<td>19</td>
</tr>
<tr>
<td>Oratory</td>
<td>17</td>
</tr>
<tr>
<td>Orchestra</td>
<td>19</td>
</tr>
<tr>
<td>Organ</td>
<td>81</td>
</tr>
<tr>
<td>Payment of Fees</td>
<td>24</td>
</tr>
<tr>
<td>Philosophy</td>
<td>83</td>
</tr>
<tr>
<td>Physical Education</td>
<td>38, 88</td>
</tr>
<tr>
<td>Physics</td>
<td>91</td>
</tr>
<tr>
<td>Piano</td>
<td>81</td>
</tr>
<tr>
<td>Placement Service</td>
<td>15</td>
</tr>
<tr>
<td>Political Science</td>
<td>94</td>
</tr>
<tr>
<td>Practice Teaching</td>
<td>127</td>
</tr>
<tr>
<td>Prizes</td>
<td>152</td>
</tr>
<tr>
<td>Professional Curricula</td>
<td>115</td>
</tr>
<tr>
<td>Psychology</td>
<td>96</td>
</tr>
<tr>
<td>Psychology Scholarships</td>
<td>30</td>
</tr>
<tr>
<td>Publications, Student</td>
<td>19</td>
</tr>
<tr>
<td>Public Relations Office</td>
<td>16</td>
</tr>
<tr>
<td>Quality Points</td>
<td>36, 39</td>
</tr>
<tr>
<td>Reading Center</td>
<td>15</td>
</tr>
<tr>
<td>Recorder's Reports</td>
<td>152</td>
</tr>
<tr>
<td>Reformed Church Grants</td>
<td>30</td>
</tr>
<tr>
<td>Refund Policy</td>
<td>25</td>
</tr>
<tr>
<td>Regulations, Academic</td>
<td>39</td>
</tr>
<tr>
<td>Religion and Bible</td>
<td>98</td>
</tr>
<tr>
<td>Religious Education</td>
<td>101</td>
</tr>
<tr>
<td>Religious Organizations</td>
<td>19</td>
</tr>
<tr>
<td>Requirements, Degree</td>
<td>36</td>
</tr>
<tr>
<td>Residence Halls</td>
<td>12, 13</td>
</tr>
<tr>
<td>Residence Requirements</td>
<td>37</td>
</tr>
<tr>
<td>Romance Languages</td>
<td>102</td>
</tr>
<tr>
<td>Room and Board Fees</td>
<td>24</td>
</tr>
<tr>
<td>Rooming Facilities</td>
<td>12, 13</td>
</tr>
<tr>
<td>Russian</td>
<td>108</td>
</tr>
<tr>
<td>Scholarships</td>
<td>26, 27, 28</td>
</tr>
<tr>
<td>Senior Honors</td>
<td>152</td>
</tr>
<tr>
<td>Senior Honors Projects</td>
<td>41</td>
</tr>
<tr>
<td>Social Organizations</td>
<td>20</td>
</tr>
<tr>
<td>Social Work</td>
<td>126</td>
</tr>
<tr>
<td>Societies</td>
<td>20</td>
</tr>
<tr>
<td>Sociology</td>
<td>108</td>
</tr>
<tr>
<td>Sororities</td>
<td>20</td>
</tr>
<tr>
<td>Spanish</td>
<td>105</td>
</tr>
<tr>
<td>Special Fees</td>
<td>24</td>
</tr>
<tr>
<td>Special Services</td>
<td>14</td>
</tr>
<tr>
<td>Speech</td>
<td>112</td>
</tr>
<tr>
<td>Student Activities</td>
<td>17</td>
</tr>
<tr>
<td>Student Aid</td>
<td>25</td>
</tr>
<tr>
<td>Student Christian</td>
<td>19</td>
</tr>
<tr>
<td>Association</td>
<td></td>
</tr>
<tr>
<td>Student Clubs</td>
<td>17</td>
</tr>
<tr>
<td>Student Senate</td>
<td>147</td>
</tr>
<tr>
<td>Student Employment</td>
<td>31</td>
</tr>
<tr>
<td>Student-Faculty</td>
<td></td>
</tr>
<tr>
<td>Committees</td>
<td>147</td>
</tr>
<tr>
<td>Student Government</td>
<td>20</td>
</tr>
<tr>
<td>Student Load</td>
<td>41</td>
</tr>
<tr>
<td>Student Organizations</td>
<td>17</td>
</tr>
<tr>
<td>Suggested Programs</td>
<td>116</td>
</tr>
<tr>
<td>Summer Session</td>
<td>33</td>
</tr>
<tr>
<td>Symphonette</td>
<td>19</td>
</tr>
<tr>
<td>Teaching, College</td>
<td>127</td>
</tr>
<tr>
<td>Teaching, Secondary</td>
<td>127</td>
</tr>
<tr>
<td>Teaching, Elementary</td>
<td>128</td>
</tr>
<tr>
<td>Transcript of Record</td>
<td>42</td>
</tr>
<tr>
<td>Transfer Students</td>
<td>23</td>
</tr>
<tr>
<td>Trustees</td>
<td>148</td>
</tr>
<tr>
<td>Tuition</td>
<td>24</td>
</tr>
<tr>
<td>Vienna Summer School</td>
<td>33</td>
</tr>
<tr>
<td>Vocational Advisors</td>
<td>116</td>
</tr>
<tr>
<td>Washington Semester Plan</td>
<td>36</td>
</tr>
<tr>
<td>Withdrawal from Course</td>
<td>40</td>
</tr>
<tr>
<td>Withdrawal from College</td>
<td>40</td>
</tr>
<tr>
<td>Women's Residence Halls</td>
<td>12</td>
</tr>
</tbody>
</table>