



1972

Dordt College 1972-1973 Catalog

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Dordt College

1972-1973



SIoux CENTER, IOWA 51250

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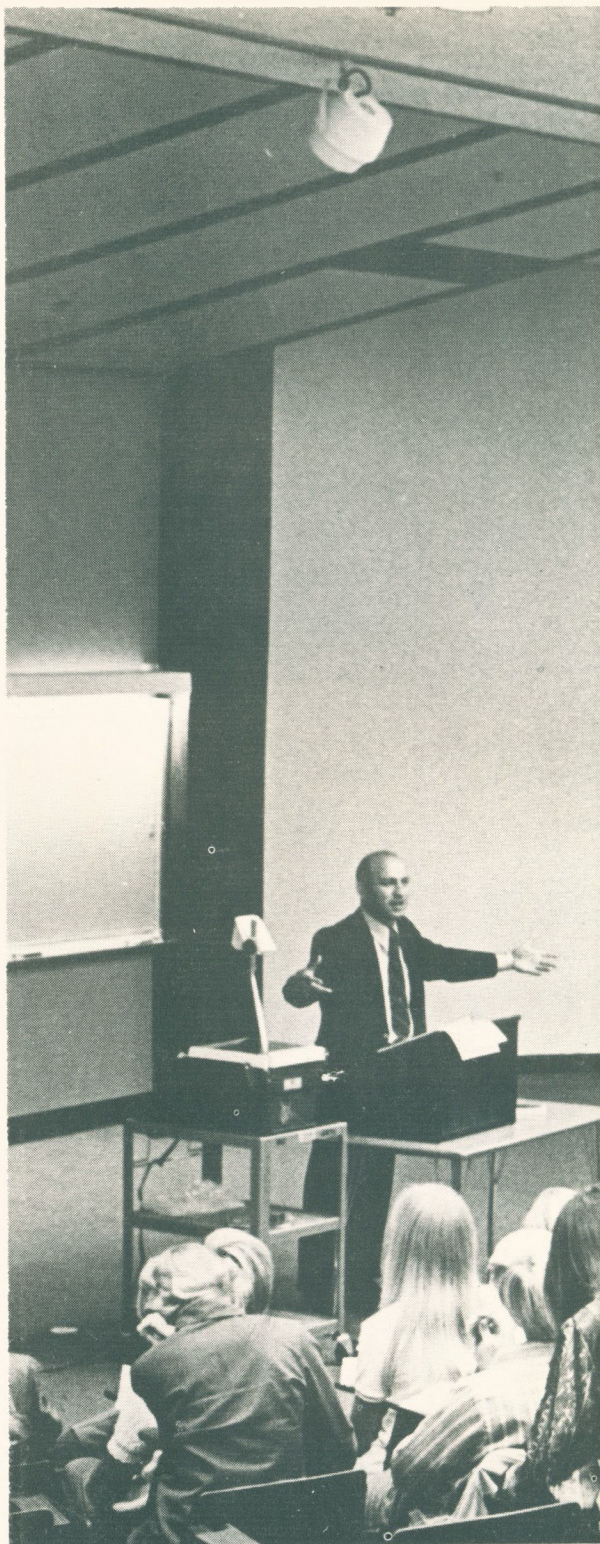
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Dordt College 1972-1973

The Aims

Dordt College is controlled by an incorporated free society. The members of this society desire Christian higher education in general art, education and pre-seminary training in agreement with their basic Reformed, Calvinistic principles. The constituents honor the Word of God as divinely inspired, the infallible and only rule for faith and practice. In the face of varying interpretations of God's Word, the constituency of Dordt College is bound by the interpretation of that Word as stated in the Three Formulae of Unity—The Belgic Confession, the Heidelberg Catechism, and the Canons of Dort. These Formulae of Unity are in agreement with and flow out of the Calvinistic interpretation of the Scriptures. Calvinism, which finds its source materials primarily in John Calvin's Institutes of the Christian Religion, is a broad system of theology, often called a world-and-life view, which seriously seeks to apply the principles of God's Word to all areas of life. The Sovereignty of God is the basic principle in this system. All instruction at Dordt College must arise out of commitment to the Reformed Faith as expressed in the Three Formulae of Unity. The various disciplines of study are viewed in the light of this faith as their necessary pre-scientific orientation. Dordt College understands Christian formal education as that which contributes to the edification of Christian character, of the total person in all his aspects (physical, emotional, social, intellectual, spiritual) so that he may realize himself in all his capabilities and opportunities as God's image-bearing Servant under Christ and rightly fulfill his purpose in society. The essence of the task of education is the development of the student in all his functions, through the formal academic disciplines and tools of scholarship, and especially through the interpretive and evaluative study of the created order and of the formulations of men who have reflected analytically and imaginatively on the created order in their varied attempts to construct patterns of meaning.

The History

Dordt College had its inception in 1937 with the educational leadership of the Christian Reformed Churches in the Midwest. At that time communications concerning a Christian two-year college were circulated among the various classes of the area. The actual implementing of the idea was delayed through the intervention of the national emergency anent World War II. New impetus was given to the movement after the war by reason of the critical shortage of qualified teachers for the Christian Schools of the Midwest area.

The College was organized in 1953 as the Midwest Christian Junior College. Under this name instruction began in September, 1955. In 1956 the name of the College was changed to Dordt College.

The Dordt College Executive Board at its September, 1959 meeting appointed a committee to study the possibility of having Dordt become a four-year college. After extensive study a Society meeting was held on October 16, 1962. At this meeting, the Society approved the addition of the junior and senior years. Thus, in September, 1963 the junior class was added. In 1965 the first class received the A. B. degrees.

Accreditation

Dordt College is accredited by the North Central Association of Colleges and Secondary Schools as a four-year bachelor's degree granting institution.

The Iowa Department of Public Instruction has approved Dordt's program of teacher education. Graduates of the teacher education program receive the Iowa Professional Certificate which is valid for a period of ten years.

The college is also approved to train veterans under Public Law 550, war orphans under Public Law 634, and students from foreign countries.

The Campus

Location

The Dordt College campus is located in Sioux Center, Iowa, a prosperous, rapidly growing community in Northwest Iowa. Recreational facilities available to students include the Sandy Hollow nine hole golf course and swimming area, 2 parks, a football-stadium track, and a new indoor swimming pool adjacent to the Dordt campus which is available to all Dordt students under a contract arrangements with the City of Sioux Center. Sioux Center is situated on Highway 75, forty-five miles northeast of Sioux City, Iowa and fifty-five miles southeast of Sioux Falls, South Dakota.

Buildings

THE CLASSROOM BUILDING — The first building erected in 1955 and subsequently expanded serves as the basic classroom building. It also houses faculty offices, the business office, and a bookstore.

THE NEW CLASSROOM BUILDING contains five classrooms, two 200 seat lecture halls, the President's office, and faculty offices.

THE MUSIC-ADMINISTRATION BUILDING — The music administration building was built in 1962. The music wing provides complete facilities for music courses and for all music activities. The music wing includes a large choir room, a large band room, practice rooms and faculty offices.

The administration wing contains the offices of the academic administration.

THE LIBRARY — The new library was occupied in the fall of 1966. This building provides book shelving for over 60,000 volumes and seating for 235 students. The library contains a workroom, a librarian's office, a circulation area, a reference section, reading areas, book stacks, a periodicals section, a curriculum laboratory, a music-language laboratory, and five conference rooms of varying sizes.

THE SCIENCE BUILDING — The science building was completed in September, 1968. This building contains three large biology labs, three large chemistry labs, a large physics lab, three small research labs, an animal room, a darkroom, a shop, storage rooms, eight faculty offices, one large lecture room, and one seminar room.

DINING HALL — The first section of the Dining Hall was completed in 1964. Wings were added in 1966 and 1969. The dining hall has complete facilities for serving all meals to students living in the dormitories, in the residence halls, and in college approved private housing.

RADIO BUILDING — The building housing radio station KDCR-FM is also located on the campus.

STUDENT UNION — The Student Union is a social and recreational center for the college community. It has four bowling lanes, pool tables, table tennis facilities, a post office, snack facilities, and the college bookstore.

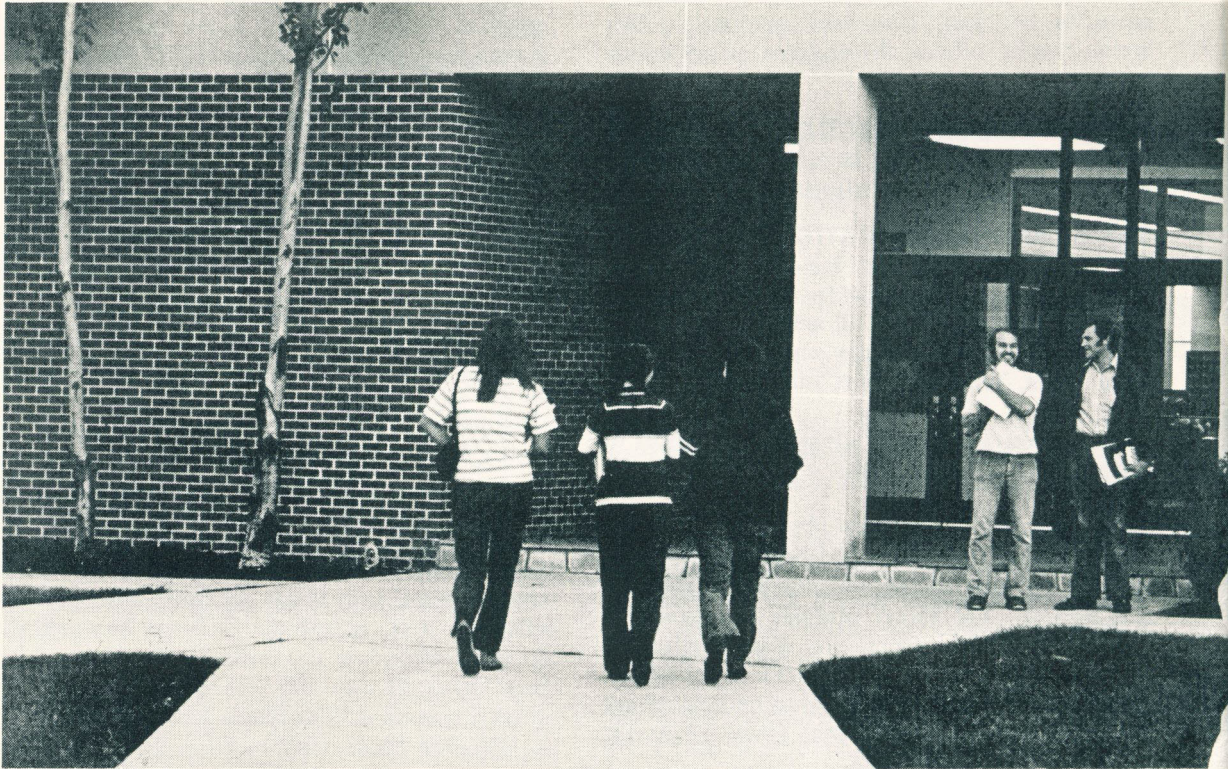
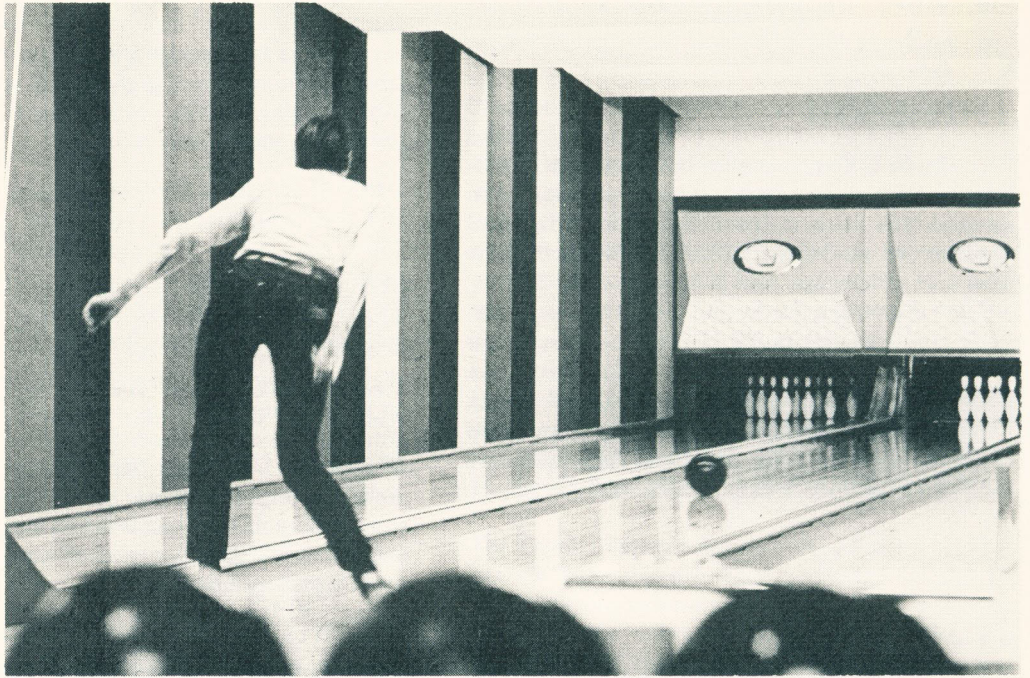
THE PHYSICAL EDUCATION BUILDING — The physical education building was completed in September, 1968. This building has a large gymnasium which can be divided into two sections for physical education classes. When used for athletic events the gymnasium will seat 2200 people. The building also contains four offices, a classroom, locker rooms, and the necessary service areas.

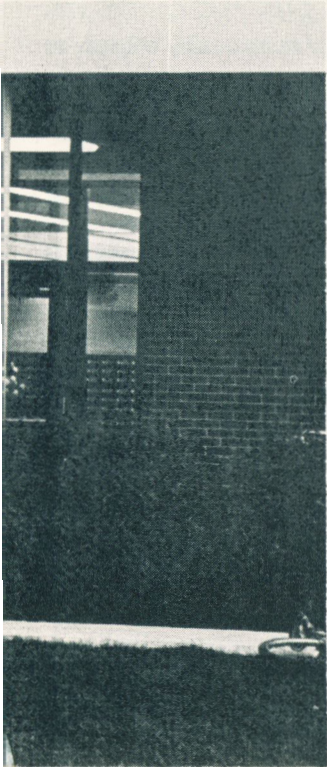
THE RESIDENCE HALLS

WEST HALL — The first residence hall constructed on campus, this men's dormitory was completed in 1964. The building houses 160 students.

NORTH HALL — North Hall is a women's dormitory which was completed in 1966. This spacious building provides comfortable housing for 200 students.

EAST HALL — This attractive new dormitory was completed in 1970 to provide additional housing for the growing Dordt College student body. East Hall is designed to accomodate 200 women students.





Student Life

Christian Commitment

As a Christian institution Dordt College aspires to be a community of faculty and students committed to the study and evaluation of the various branches of learning in the light of the Bible, God's infallible Word. The life of this community has both its academic and social aspects, and in both of these aspects of life all members of the Dordt College community seek to glorify the triune God.

In accordance with the Christian aim of Dordt College students are expected to express the Christian faith positively in their general conduct and life style. It is not the purpose or intention of Dordt College to lay down minute regulations for the daily conduct of its students. By their applications for admission students certify that they intend to live according to the Christian aims of the College. Though admission to Dordt College is the rightful privilege of its constituency, that privilege may be withdrawn readily should the student fail to maintain proper standards of conduct or scholarship.

Religious Activities

COURSE WORK

In keeping with the aim of Dordt College to minister to the spiritual development of its students, courses in Bible are offered. Every student is required to take this academic course work while at the College.

SUNDAY WORSHIP AND CHAPEL

Students are expected to attend church services twice each Sunday. Students who are not able to attend their home church must, at the time of registration, select one of the local churches as their church home.

Chapel exercises are held twice each week to provide opportunity for students and faculty to join in meditation upon the Word of God. All students are expected to attend chapel exercises regularly, not out of compulsion, but out of recognition of the need for spiritual refreshment and sharing. The chapel exercises play a vital role in the spiritual life of the College community.

Student Activities

ATHLETICS

Dordt College is a member of the National Association of Intercollegiate Athletics and plays a full schedule of colleges in Iowa, Minnesota, South Dakota, and Nebraska. Intercollegiate competition is scheduled for baseball, basketball, cross-country, and track. A variety of sports clubs are organized to compete with students from nearby colleges on a less-formal basis.

INTRAMURALS

A year-round program of intramural sports gives all students an opportunity to take part in physical recreational activities, both competitive and non-competitive. The entire intramural program is planned and carried out by the student intramural council. Physical recreation is provided through such activities as: archery, badminton, basketball, bowling, hiking, jogging, softball, table tennis, volleyball, touch football, swimming, and ice hockey.

CLUBS

A number of clubs are organized to provide outlets for students with special interests. All clubs must receive the approval of the Faculty Student Relations Committee.

Art Club
Delta Sigma Kappa
Phi Sigma Kappa
Political Science Club
Math Club

Missions Club
Physics Club
Science Club
Thalians
Varsity Club

SOCIAL ACTIVITIES

The College schedules many social activities throughout the year. Students are encouraged to participate in campus activities as an important part of college life at Dordt.

All extra-curricular social activities shall be organized only with the permission of the Student Council and the Dean of Students. All meetings approved by the Student Council must be under College supervision.

In addition to club activities, athletics, and musical activities a number of social events are planned by the Student Association. Students are encouraged to attend the Community Concert Series, the fine arts nights, the college sponsored Travelogue Series, the Annual Music Festival, the Christmas Party, the Spring Banquet and other all school activities organized by the student representatives.

The Drama department prepares dramatic productions which are given each fall and spring. Opportunity is also given to participate in other forensic activities.

MUSICAL ACTIVITIES

Vocal and instrumental groups are maintained at Dordt College to contribute to the social and cultural life of the individual and to offer opportunity for professional training and credit toward graduation.

CHORALE

All new students as well as upper classmen may audition for membership in the Chorale, an organization which studies representative chorale literature and performs several local concerts each year.

CONCERT CHOIR

Each year the Concert Choir presents a number of local concerts and makes an extended tour during Spring vacation. Membership in the choir is open by audition.

CONCERT BAND

The Concert Band studies representative symphonic band literature and performs at athletic games and other student activities. Local concerts are performed and a tour is made each year.

ENSEMBLES

Ensembles are organized each year to study ensemble literature and adequate opportunity is provided for performance.

COLLEGE PUBLICATIONS

DORDT COLLEGE DIAMOND, the school newspaper published fortnightly by the students.

THE SIGNET, an annual student publication is issued in the summer

CANNON, the creative literary publication in the arts.

STUDENT HANDBOOK, a booklet with information for students - distributed in the fall.

DORDT COLLEGE VOICE, an Executive Board promotional paper, presents articles and information of interest to students and the society members.

DORDT COLLEGE CATALOG, an annual publication of academic announcements for students and society members.

Housing

DORMITORIES AND RESIDENCE HALLS

All unmarried freshman students, with the exception of those who live at home or with relatives, are required to room in a college dormitory. If the enrollment of freshmen exceeds the number of dormitory rooms, they will be placed in private homes.

A number of sophomores, juniors and seniors can be housed in the college dormitories and residence halls.

Rooms are reserved in advance upon receipt of a deposit of \$30.00. The deposit fee is applied to the first semester's rent and is refunded if the room reservation is cancelled before July 1st. Room reservations for incoming freshmen and transfer students will be made in the order that room deposits are received. All students who register for the first time at Dordt must remit a \$15.00 wear and maintenance fee with their housing application. This fee will be refunded when the student terminates residence at Dordt College if no excessive wear has been sustained.

HOUSING IN PRIVATE HOMES

Sophomores, juniors and seniors who do not live in college dormitories or in college owned residence halls must live in one of the private homes on the College approved list. Assignment to rooms in private homes must be arranged through the office of the Dean of Students. The charge for rooms per semester in private homes is the same as in college dormitories and residences. This room rent is paid to the College, not to the home owner. Rooms in private homes are assigned after a deposit of \$30.00 has been paid. The deposit fee is applicable to the first semester's rent and is refunded if the room reservation is cancelled before July 1st.

HOUSING REGULATIONS

Rooms are furnished with necessary articles of furniture, such as beds, mattresses, pillows, desks, chairs, and dressers. Students provide their own blankets, bedspread, towels, and washcloths. Women students should bring their own irons. Weekly linen service is provided at a nominal charge. The students who live in College dormitories must make use of the College approved plan for weekly linen service.

The student, by applying for a room and paying a deposit, obligates himself to occupy that room for the entire year or for such portion of the year as he may attend Dordt. Each room contract terminates at 10:00 a.m. the day following the last day of examinations.

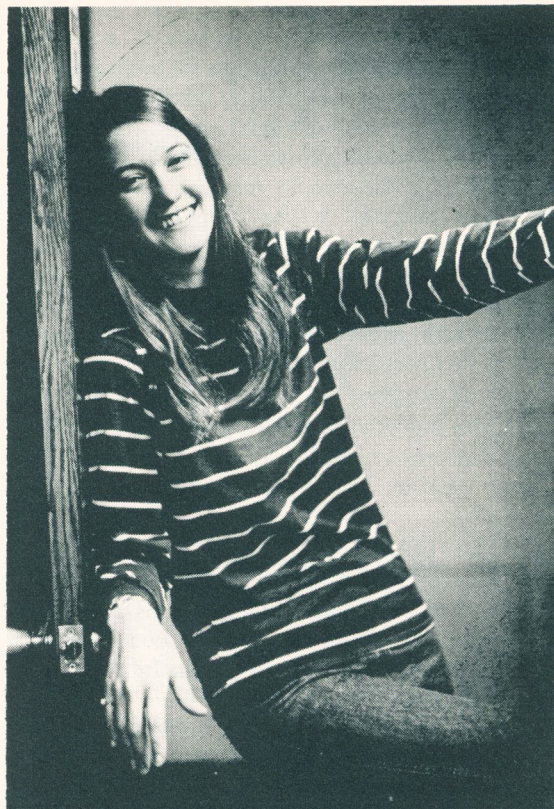
The charges set by the College do not include the Christmas and spring vacation periods. During these vacations the dining hall, the dormitory and the residence halls will be closed. The college will provide for those who cannot go home or to a friend's home during these vacation periods.

Rooms of students are open for college inspection at all times. The student is held responsible for any damage to his room or to its furnishings.

Each dormitory and each residence hall is under the supervision of a residence head. Home owners supervise students in private homes. Students are responsible to the residence head or to the home owner and they are expected to abide by all College determined housing regulations in addition to those listed in this catalogue. For a more complete statement of rules regarding student housing and student conduct, see The Defender, the Student Handbook.

MEALS

All students, except for married students and students who have been assigned to light housekeeping apartments, are expected to take their meals at the college dining hall unless excused by parents and the College. Cooking is not permitted in the college dormitories.



Admission to the College

REQUIREMENTS

Graduates of approved high schools who have satisfactorily completed a minimum of fifteen units may be considered for admission to Dordt College. A subject pursued for one school year of thirty-six weeks with five recitation periods a week counts as one unit.

Of the fifteen units, at least eight must be from the fields of social science, English, foreign languages, natural sciences, or mathematics.

Although the exact sequence of courses for admission is not prescribed, high school students should try to complete, as a minimum, the following units:

- 3 or 4 units in English
- 2 units in the social sciences
- 2 units in mathematics
- 2 units of a foreign language
- 2 units of a natural science

APPLICATION

Application for admission should be made well in advance of the semester a student wishes to enter Dordt College. To make a formal application for admission, candidates should write to the Director of Admissions requesting application blanks.

Students will be considered for admission after they have submitted the following official forms:

- Personal Application Form
- Transcript of high school record
- Pastor's Recommendation Form
- Health Form

All students seeking admission to the college must pay a matriculation fee of \$10.00. This fee must accompany the Personal Application.

NOTE: The admissions policy of Dordt College is non-racially discriminatory.

ENTRANCE TEST

All applicants for admission to the freshman class are required to take the ACT test of the American College Testing Program. Information concerning dates and testing centers for the ACT tests can be obtained from high school principals. Students who do not take the ACT test during the senior year will be required to take the ACT test at Dordt College. A fee will be charged for this testing.

NOTIFICATION OF ADMISSION

As soon as all application forms have been received they will be evaluated by the Director of Admissions. Admission will be granted as follows:

GENERAL ADMISSION: Students whose records indicate that they are able to pursue college work are granted general admission.

ADMISSION ON PROBATION: Students whose records indicate that they might have serious difficulty pursuing college work are admitted on probation.

TRANSFER ADMISSIONS

Students who have attended another institution of collegiate rank may be considered for admission with advanced standing. College credits presented by transfer students will be evaluated in terms of the quality of the student's work and the relationship of the subject matter to the Dordt curriculum. A maximum of sixty-four semester hours of academic credit is granted to graduates of junior colleges.

Transfer candidates will be required to file the following credentials with the Vice President for Academic Affairs:

1. Personal Application Form
2. Health Form
3. Pastor's Recommendation Form
4. Transcript of high school record
5. Official college transcripts. Transfer candidates must have the Registrar at each collegiate institution attended forward an official transcript. Transcripts submitted by the candidate are not acceptable.
6. Test results. Transfer students should have ACT or SAT test results forwarded to Dordt.

After the application materials have been evaluated the student will receive notification of the action taken. If the student is accepted, he will receive a statement concerning the amount of credit accepted and the academic status assigned.

Admission to advanced standing does not excuse the student from meeting the specified requirements for graduation from Dordt College.

SPECIAL STUDENTS

Students who do not plan to follow a prescribed course of study may register as special students for such courses as they are able to pursue with profit on the basis of previous qualifications. Students who pursue part-time programs are also classified as special students.

Permission to register as a special student must be obtained from the Vice President for Academic Affairs.

ADMISSION OF FOREIGN STUDENTS

Dordt College has been approved as an institution of higher education for the training of immigrant students who are in the United States on student visas.

With the letter of admission, the College will send Form I-20a which should be taken to the American Consul in the student's area to arrange for passport and visa.

REGISTRATION

Formal registration takes place at the beginning of each semester. Students will be sent registration instructions and appointments several weeks prior to the registration dates.

Registration is not completed until tuition and fees have been paid. Registration is considered late, and the late registration fee is charged, if not completed before the beginning of classes for the semester.

Expenses and Financial Aids

Expenses

The cost of attending Dordt College is kept as reasonable as possible. Students pay in tuition only a part of the cost of their education. Each student receives the benefit of finances obtained from classical quotas, denominational church offerings, church society contributions, and gifts from individuals.

TUITION

Tuition is \$1,550.00 for the year and \$775.00 for a semester.

Students whose parents are members of the Christian Reformed Church and who thus contribute regularly to the support of Dordt College, will be granted an institutional grant-in-aid. The amount of the grant-in-aid is determined by the distance the student's home is from Dordt College.

Students whose parents are members of a supporting non-Christian Reformed Church will be granted an institutional grant-in-aid based on the local zone rate. (within 20 miles)

Married students will have their tuition determined by the location of their former residence. Two semesters of continuous local residence will change the tuition status unless the married student can show that he regularly returns to his former residence for gainful employment during the summer months.

Grants-in-aid will be awarded as follows:

Distance from Dordt	Per Semester	Per Year
Within 20 miles	\$110.00	\$220.00
From 20 to 300 miles	\$125.00	\$250.00
Over 300 miles	\$150.00	\$300.00

In addition, a special reduction of \$20.00 per semester per student is granted when two or more full time students enroll from one family.

The tuition rate for part-time students is \$60.00 per semester hour, with a \$10.00 per semester hour institutional grant-in-aid for those who are members of the Christian Reformed Church.

ROOM AND BOARD

	Per Semester	Per Year
*Dormitory Room	\$125.00	\$250.00
Dormitory linen laundry	6.00	12.00
*Residence Halls	125.00	250.00
Residence Halls linen laundry	6.00	12.00
*College Approved Housing	125.00	250.00
Board-Dining Hall		
All Meals (21)	225.00	450.00
Five Days (15)	200.00	400.00

*Students in all private or college housing will pay \$140.00 for their room the first semester and \$110.00 for the second semester. Students entering college housing the second semester will pay \$125.00 for their room.

FEES

Matriculation Fee (payable once) - - - - -	\$10.00
Excess Hours (Over 18 hours) Per Hour - -	20.00
Late Registration - - - - -	5.00
Late Payment Fee - - - - -	3.00
Transcript Fee - - - - -	1.00
Graduation Fee - - - - -	15.00
Teacher Placement Fee - - - - -	5.00
Art 211 - - - - -	5.00
Science Lab Fee - Per Course - - - - -	5.00
Practice Teaching - Per Hour - - - - -	8.00
Music Fees-	
Individual Lessons - Per Semester - - -	45.00
Group Lesson - Per Semester - - - - -	22.50
Practice Room - Per Semester - - - - -	7.50
Organ Practice Room - Per Semester -	15.00

STUDENT MEDICAL INSURANCE

A hospital-medical-insurance policy is available to all full-time students. Participation in this program is on a voluntary basis. The cost of the policy is \$28.75 for the twelve month period from August 20 to August 20. The fee is payable at the time of registration for the first semester.

PAYMENT OF ACCOUNTS

Charges for tuition, fees, room and board are due and payable at the beginning of each semester at the time of registration. Those who are unable to make full payment at that time may pay one-third at the time of registration and arrange with the Business Office to pay the balance due during the semester according to a schedule designated by the Business Office.

REFUNDS

Refunds will be made by the Business Office only upon receipt of a request for refund approved by the Registrar. Refunds will be based on the date on which the Registrar signs the refunds request and will be made as follows:

TUITION

Withdrawal during the first week	100%
Withdrawal during the second or third week	50%
Withdrawal during fourth or fifth week	40%
Withdrawal during the sixth week	30%
Withdrawal during the seventh week	20%
Withdrawal during the eighth week	10%
After eighth week	No refund

FEES

No refund is made on fees.

ROOM AND BOARD

Room and board fees will be refunded on a pro rata basis.

NATIONAL MERIT SCHOLARSHIPS

Dordt College offers a full tuition scholarship for the freshman year to each high school graduate who wins a National Merit Scholarship Corporation Certificate of Merit. The student must present a copy of the certificate as application for the scholarship. Winners of Letters of Commendation are not eligible.

Scholarships

CONDITIONS OF AWARD

All scholarships are awarded for one year. One-half of the amount will be paid each semester.

Recipients of scholarships are expected to conduct themselves in harmony with the standards and ideals of Dordt College. They are also expected to maintain a cumulative grade point average of 2.00 or better. Failure to meet these standards will constitute grounds for immediate cancellation of awards.

No scholarship or grant will be given concurrently with another scholarship or grant awarded by the college.

FRESHMAN SCHOLARSHIPS

Each year Dordt College grants a number of general scholarships to entering freshmen. These scholarships are awarded on the basis of academic ability, and are awarded automatically, no application need be made. Award winners are notified by the Registrar of the College.

The regulations for these scholarships are:

1. Graduates of approved Christian and public high schools may qualify for general freshman scholarships.
2. Scholarship applicants must:
 - a. Meet entrance requirements as listed in the Dordt College Catalog.
 - b. Have at least a "B" average in high school work.
 - c. Submit the results of the ACT test.
3. The size of the scholarship will be determined on the basis of test scores and high school grade point averages as follows:

ACT Composite 90-99%

3.90-4.00 - - - - -	\$300.00
3.75-3.89 - - - - -	\$250.00
3.50-3.74 - - - - -	\$200.00
3.25-3.49 - - - - -	\$150.00
3.00-3.24 - - - - -	\$100.00

ACT Composite 80-89%

3.90-4.00 - - - - -	\$225.00
3.75-3.89 - - - - -	\$175.00
3.50-3.74 - - - - -	\$150.00
3.25-3.49 - - - - -	\$100.00
3.00-3.24 - - - - -	\$ 75.00

ACT Composite 65-79%

3.90-4.00 - - - - -	\$125.00
3.75-3.89 - - - - -	\$100.00
3.50-3.74 - - - - -	\$ 75.00

UPPER CLASS SCHOLARSHIPS

Dordt College grants scholarships to sophomores, juniors, and seniors whose grade point average indicates superior scholarship. These awards are made automatically.

The regulations for the scholarships are:

1. Students who have completed college work at Dordt or at another accredited college may qualify for the general scholarships as follows:
 28 semester hours - - - - - Sophomore scholarship
 58 semester hours - - - - - Junior scholarship
 88 semester hours - - - - - Senior scholarship
2. Scholarship applicants must pursue an approved course of studies leading to the bachelor of arts degree.
3. Scholarships will be granted to all on the basis of cumulative grade point average as follows:

3.90-4.00 - - - - -	\$250.00
3.75-3.89 - - - - -	\$200.00
3.50-3.74 - - - - -	\$150.00
3.25-3.49 - - - - -	\$125.00

MUSIC GRANTS

Each year a number of vocal and instrumental music grants are made available. These grants are of various sizes up to \$100.00. Students are selected on the basis of:

1. Information submitted on the Music Grant Application Form.
2. Recommendations from the applicant's teacher of voice or instrument and from his high school music teacher.
3. A tape recording of a performance of a work which shows the level of competence of the applicant.

For application blanks and for instruction on application procedures, write to Music Grants, Dordt College, Sioux Center, Iowa 51250. All materials must be submitted by May 4.

Financial Aids

STUDENT FINANCIAL AID

In addition to the extensive scholarship program, which is based upon superior academic potential and performance, Dordt College has a complete program of financial assistance for all needy students. Types of financial assistance available include the grant-in-aid program, loan programs, the College Work-Study program, the Educational Opportunity Grant program, and other special programs outlined below.

Limited finances need not prevent promising students from coming to Dordt College. Generally, qualified students' needs can be met through a Financial Aids Package which includes several types of aid. Any student who wishes to apply for financial assistance may do so by writing to the Director of Financial Aids after he has been accepted for admission to the college.

All applicants for financial aid will be required to submit the "Parents' Confidential Statement" of the College Scholarship Service and an "Application for Financial Aid." The necessary forms may be obtained by writing to the Director of Financial Aids — Dordt College.

EDUCATIONAL OPPORTUNITY GRANTS

The purpose of this program is to provide non-repayable grants to students who, because of exceptional financial need, on the part of their family, would be unable to attend college without such assistance.

Any student who is a citizen of the United States and has been admitted to Dordt College on a full-time basis is eligible to apply for such a grant. Grants will range from \$200 to \$1000 per year and must be matched with other forms of financial assistance from the college (for example, matched with institutional grant-in-aid, a National Defense Loan, or other such direct assistance).

This grant is renewable each year up to four years as long as the student continues to make satisfactory progress and his financial situation does not change.

NATIONAL DEFENSE STUDENT LOANS

This program provides long term loans to students in good standing who have been accepted for enrollment in a full-time course of study and are citizens of the U. S.

Students are eligible to borrow up to \$1000 per year. No interest is charged while the student is in college. The loan may be repaid over a period of 10 years with a minimum repayment of \$15.00 per month required. Interest is at the rate of 3% per year.

If a borrower becomes a full-time teacher or serves in the armed forces after April 30, 1970, as much as half of the loan may be cancelled at the rate of 10% per year for the first 5 years of teaching.

Repayment may be deferred while a borrower is serving in the Armed Forces, with the Peace Corps, or in VISTA. Repayment is also deferred for as long as a borrower is enrolled at an institution of higher education and is carrying at least a half-time academic work load.

The primary and most essential condition of an applicant's eligibility for a National Defense Student Loan is that he is in need of the requested loan to pursue his course of study during the period for which the application is made.

COLLEGE WORK STUDY PROGRAM

Under Title I — C of the Economic Opportunity Act of 1964 Dordt College participates in the Work-Study Program which creates part-time summer job opportunities for students from low income families. These jobs range from ten to fifteen hours per week.

Students qualify for participation in the Work-Study Program if they are:

- a member of a low income family.
- in need of financial aid as shown by Parents' Confidential Statement.
- capable of doing good academic work in college.
- able to meet job qualifications.
- accepted for admission as a full-time student in good standing.

Students with the required skills and experiences may qualify for jobs in the following fields: Clerical assistant, Library assistant, Typist, Custodial work, Instructional assistant, Kitchen help, and several off-campus positions.

GUARANTEED LOAN PROGRAM

Many states participate in the Federally Insured Loan Program which was created under the provisions of the Higher Education Act of 1965 to provide financial assistance for students from middle or upper income families. This program is designed to assist the student who cannot qualify for other types of financial aid, as well as to supplement other aids programs.

An undergraduate may borrow up to \$1,500 per year at 7% interest. If the parents' adjusted income is under \$15,000 a year, the student pays no interest while in college. The federal government is presently paying 2% on behalf of the student to the lending institution which makes the loan.

Repayments begin nine months after the student has ceased his course of study. The normal repayment period is five to ten years with a minimum repayment of \$30 per month.

Some states elect to not participate in the federal program since they have their own Guaranteed Loan Programs. Residents of these states should contact their state's Higher Education Commission for the proper forms and instructions needed to apply for a guaranteed loan.

Guaranteed loans are made through the student's home town bank and must be approved by the college. All repayments are arranged with and made directly to the lending bank.

SPECIAL PROGRAMS

CANADA STUDENT GRANT AND LOAN PLAN

The provincial governments have grant and loan programs which may be used by Dordt students. Information on the loans may be secured by writing to the Department of Education of the province.

ALBERT POSTMAN LOAN PROGRAM

This program provides loans up to \$500.00 per year to members of the Christian Reformed Church who plan to enter full-time Christian service in the church or its related agencies. Preference is given to students from western Canada. Applications may be secured from the Director of Financial Aids.

VETERAN'S EDUCATION BENEFITS

Dordt College is approved to offer education to students who are eligible for benefits under the terms of the Cold War Bill (Public Law 89-358) or under the War Orphans Bill (Public Law 634). Eligible students should write to their regional Veterans' Administration Office to obtain the application information.

SOCIAL SECURITY BENEFITS

Children of retired, disabled, or deceased workers are eligible for social security benefits up to the age of twenty-two if they are unmarried and are full-time students. For information on Social Security benefits the student should visit his local Social Security office.

VOCATIONAL REHABILITATION BENEFITS

Students who, by reason of physical disabilities are eligible for benefits under vocational rehabilitation programs should write to the Division of Rehabilitation Education and Service in their state.

STATE OF IOWA SCHOLARSHIP PROGRAM

The 1965 session of the Iowa Legislature established a state scholarship program for the benefit of Iowa residents attending colleges within the state. These scholarships are based on the financial need and the academic ability of the student and may be used only for tuition and mandatory fees. Application forms and information regarding eligibility for the program are available from Iowa high school counselors.

STATE OF IOWA TUITION GRANT PROGRAM

The 1969 session of the Iowa Legislature established a state tuition grant program for the benefit of Iowa residents attending private colleges within the state. These grants are based on financial need and may be used only for tuition and mandatory fees. Application forms and information regarding the program are available from Iowa high school counselors.

SCHOLARSHIP AND LOAN PROGRAMS OTHER STATES

Several states have scholarships or loan programs which may be used at Dordt College. Information on such programs may be obtained from high school counselors.



The Academic Program

Programs of Study

As a four-year liberal arts college, Dordt's general education program is designed to emphasize the fundamental body of general knowledge which ought to be the common possession of all educated people. In addition to this common background, each student pursues major, cognate, and professional studies to develop special competence in his chosen professional field.

The four-year program at Dordt College offers studies in many different areas of learning and affords an opportunity to prepare for a wide variety of careers. The courses outlined in the following pages suggest many of the opportunities available at Dordt College.

Graduation Requirements

The programs of study presented on the following pages specifically note the current requirements for graduation. Each student is urged to take this into account in planning his course of study.

THE GENERAL STUDIES PROGRAM

GRADUATION REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREES

Courses

A minimum of 40 courses is required for graduation (122 semester hours).

Grade Average

A grade point average of 2.00 or better is required for graduation.

Residence

A student must be in residence for the last academic year before graduation, and he must carry a class load of at least 10 courses.

Required Courses

1. General Education ----- 12

SKILLS

English 101 - - - - - 1

Mathematics Proficiency

Proficiency may be demonstrated by:

1. Four semesters of high school mathematics with a grade of "B" or higher in each course.
2. A percentile ranking of 50 or higher on the mathematics section of the ACT test.
3. The completion of any mathematics course at the college level.

Foreign Language 201 - - - - - 1

Note:

1. Students with no preparation or one year of high school preparation will take three courses; two of which may be applied to the general electives.
2. The normal and recommended preparation: students who have two or three years of high school preparation will take one course (201).
3. Students who have four years or more of high school preparation in one foreign language will have met the foreign language requirement and will have one additional general elective course.

HUMANITIES

English 200	-----1
Theology 101	-----1
Theology 201, 301, or Phil. 201	----1
Humanities Elective	-----1

Note: The Humanities elective must be selected from Music 108, 207, 208, 302, 309; Speech 202, 261, 262; English 201, 202, 207, 208, 221, 222; Foreign Language 202, 203.

SOCIAL SCIENCES

History	-----2
Social Science Electives	-----2

Note: Natural Science electives must be selected from two of the following departments: Sociology, Political Science, Psychology, and Economics-Business Administration (except Business Administration 201 and Business Administration 301).

NATURAL SCIENCES

Natural Science Electives	-----2
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Note: Natural Science electives must be selected from one or more of the following departments: Astronomy, Biology, Chemistry, Physics, and Physical Science.

- | | |
|---|-----------|
| 2. Area of Concentration | -----15 |
| Major | -----9-11 |
| Cognate work as specified by the major department | -----4-6 |
| 3. Electives | -----13 |
| 4. Physical Education | |

Each student must complete Physical Education 10 and three semesters of physical education activities courses.

TOTAL COURSES 40

THE ELEMENTARY EDUCATION STUDIES PROGRAM

GRADUATION REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

Courses

A minimum of 40 courses is required for graduation (122 semester hours).

Grade Average

A grade point average of 2.00 or better is required for graduation.

Residence

A student must be in residence for the last academic year before graduation, and he must carry a class load of at least 10 courses.

Required Courses

- | | |
|----------------------|---------|
| 1. General Education | -----12 |
|----------------------|---------|
- SKILLS**

English 101	-----1
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Mathematics Proficiency

Proficiency may be demonstrated by:

1. Four semesters of high school mathematics with a grade of "B" or higher in each course.
2. A percentile ranking of 50 or higher on the mathematics section of the ACT test.
3. The completion of any mathematics course at the college level.

Foreign Language 201	-----1
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Note: Elementary education students may substitute a course in linguistics or in speech for Foreign Language 201. However, all elementary education students must have two years of high school foreign language or 101-102 at the college level.

HUMANITIES

English 200	-----1
Theology 101	-----1
Theology 201, 301, or Phil. 201	----1
Humanities Elective	-----1

Note: The Humanities elective must be selected from Art; Music 108, 207, 208, 302, 309; Speech 202, 261, 262; English 201, 202, 207, 208, 221; Foreign Language 202, 203.

SOCIAL SCIENCES

History 101-102 - - - - - 2

Social Science Electives - - - - - 2

Note: Social Science electives must be selected from two of the following departments: Sociology, Political Science, Psychology, and Economics-Business Administration (except Business Administration 201 and Business Administration 301).

NATURAL SCIENCES

Natural Science Electives - - - - - 2

Note: Natural Science electives must be selected from one or more of the following departments: Astronomy, Biology, Chemistry, Physics, and Physical Science.

2. Area of Concentration - - - - - 15

MAJOR (Education)

Psych. 212 - - - - - 1

Psych. 215 - - - - - 1

Educ. 210 - - - - - 1

Educ. 322 - - - - - 1

Educ. 323 - - - - - 1

Educ. 324 } - - - - - 1

Educ. 325 } - - - - - 1

Educ. 364 - - - - - 1

Educ. 372 - - - - - 3

10

COGNATES

Art 211 - - - - - 1

Music 311 - - - - - 1

P. E. 105 - - - - - 1

Hist. 201 or 202 } - - - - - 1

or

Pol Sc. 202 } - - - - - 1

To be specified - - - - - 1

5

3. Elective — Professional - - - - - 13

Area of Specialization - - - - - 6 - 8

One approved departmental or inter-departmental area of specialization of from 6 - 8 courses.

Electives - - - - - 5 - 7

4. Physical Education

Each student must complete Physical Education 10 and three semesters of physical education activities courses.

TOTAL COURSES

40

THE SECONDARY EDUCATION STUDIES PROGRAM

GRADUATION REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREES

Courses

A minimum of 40 courses is required for graduation (122 semester hours).

Grade Average

A grade point average of 2.00 or better is required for graduation.

Residence

A student must be in residence for the last academic year before graduation, and he must carry a class load of at least 10 courses.

Required Courses

1. General Education - - - - - 12

SKILLS

English 101 - - - - - 1

Mathematics Proficiency

Proficiency may be demonstrated by:

1. Four semesters of high school mathematics with a grade of "B" or higher in each course.

2. A percentile ranking of 50 or higher on the mathematics section of the ACT test.

3. The completion of any mathematics course at the college level.

Foreign Language 201 - - - - - 1

Note:

1. Students with no preparation or one year of high school preparation will take three courses; two of which may be applied to the general electives.

2. The normal and recommended preparation: students who have two or three years of high school preparation will take one course (201).

3. Students who have four years or more of high school preparation in one foreign language will have met the foreign language requirement and will have one additional general elective course.

HUMANITIES

English 200	1
Theology 101	1
Theology 201, 301, or Phil. 201	1
Humanities Elective	1

Note: The Humanities elective must be selected from Art; Music 108, 207, 208, 302, 309; Speech 202, 261, 262; English 201, 202, 207, 208, 221; Foreign Language 202, 203.

SOCIAL SCIENCES

History 101-102	2
Social Science Electives	2

Note: Social Science electives must be selected from two of the following departments: Sociology, Political Science, Psychology, and Economics-Business Administration (except Business Administration 201 and Business Administration 301).

NATURAL SCIENCES

Natural Science Electives	2
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Note: Natural Science electives must be selected from one or more of the following departments: Astronomy, Biology, Chemistry, Physics, and Physical Science.

2. Area of Concentration	15
Major	9-11
Cognate work as specified by the major department	4-6
3. Elective - Professional	13
Professional Education	
Psych. 213	1
Psych. 215	1
Educ. 203	1
Methods	1
Educ. 364	1
Educ. 374	3
	8

Note: To be certified a student must also complete a course in American history (History 201 or 202) or in American government (Political Science 202).

Electives	5
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4. Physical Education

Each student must complete Physical Education 10 and three semesters of physical education activities courses.

TOTAL COURSES 40

THE PRE-SEMINARY STUDIES PROGRAM

Students who wish to meet the admissions requirements for a theological seminary may do so within the A.B. — General requirements. Listed are the admission requirements of Calvin Theological Seminary.

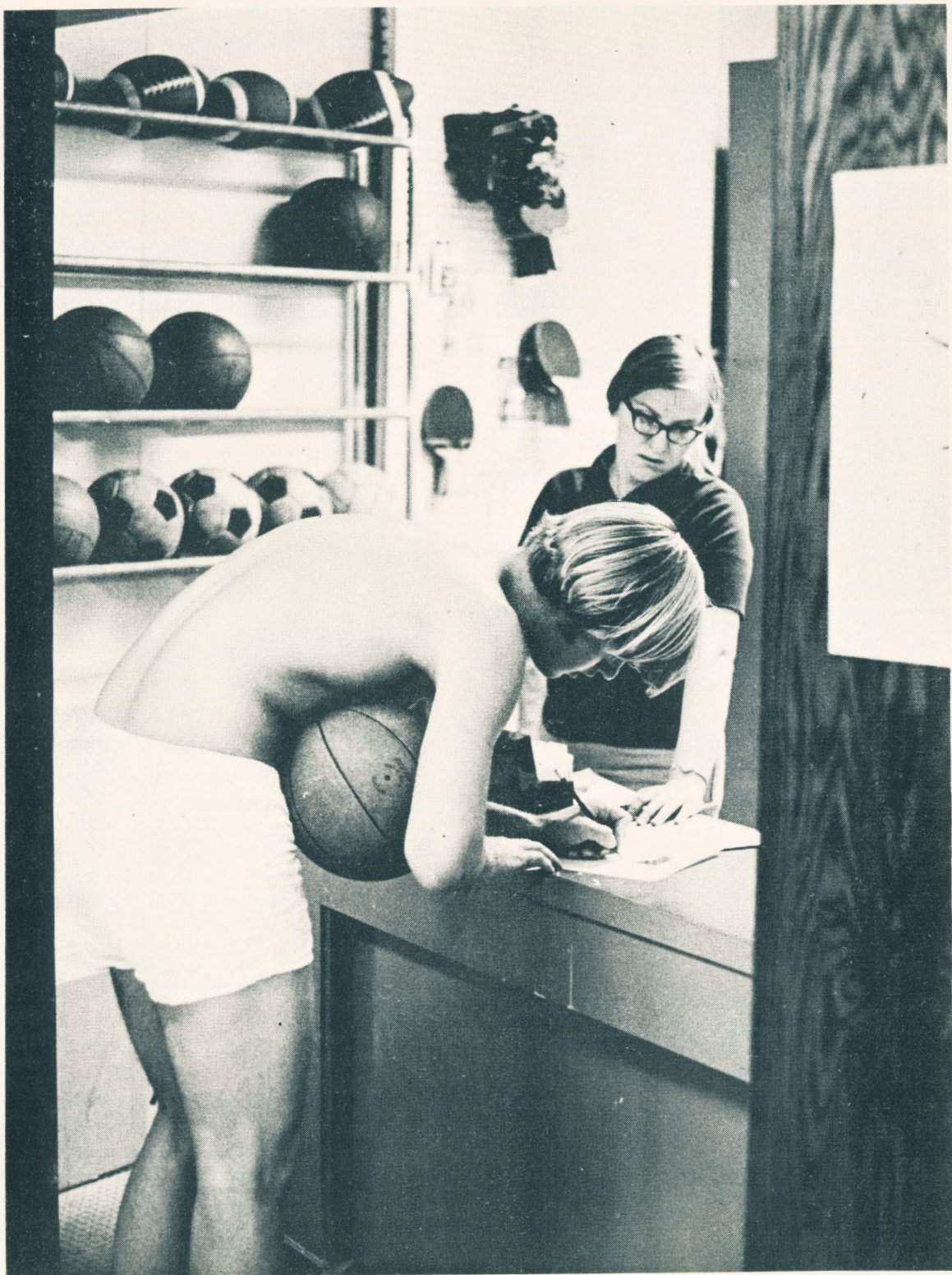
Students who plan to attend another theological seminary should, in consultation with his adviser and the Vice President for Academic Affairs, plan his program to meet the requirements as stipulated in that institution's catalog.

Admission Requirements For Calvin Theological Seminary

To qualify for admission as a candidate for the B.D. degree, an applicant must possess an A.B. degree from an accredited college, or its equivalent, with a grade point average of 2.67 (B—) or higher. The following specific requirements are prescribed:

1. A major of at least 24 semester hours.
2. A minimum of course credits as follows:

Subject	Semester Hours
Economics, Political Science and/or Sociology	6
English	12
Greek	14
History	12
Latin: 2 years in high school or the equivalent	
Natural Science	6
Philosophy	12
Psychology and/or Education	6
Religion	6
Speech	6
	80
	19.



3. Reading competence in Dutch, French or German. This competence may be demonstrated either by taking three years of course work or by sustaining the Seminary's admission reading test.

In fulfilling the requirement in Greek, the student is advised to include the study of New Testament Greek.

In fulfilling the requirement in Philosophy, the student is advised to complete a course sequence in the history of philosophy.

In fulfilling the requirement in History, the student is advised to include a course in classical history.

In view of its relevance to Reformed theological scholarship, Dutch is recommended as the first choice in fulfilling the modern language requirement; and in view of its general usefulness for the study of theology, German is recommended as the second choice.

SPECIAL STUDIES AND PRE-PROFESSIONAL PROGRAMS OF STUDY

Within the various bachelor of arts sequences students may pursue a variety of special and pre-professional programs. The suggested programs listed below are given to acquaint the student with the course work required in each field.

It should be emphasized that the curricula listed are only suggested guides for planning the student's program. In many instances substitutions or changes may be made to meet the specific needs of individual students. Courses should be selected to meet the requirements of the professional school which the student plans to enter.

Pre-professional program requirements for each student should be designed in consultation with the Vice President for Academic Affairs.

PREPARATION FOR GRADUATE STUDY

Dordt College, through its major departments, prepares students for graduate level work. Students who plan to do graduate work should consult faculty advisors in the major department when selecting courses in the major field of study or in related supporting subjects. Courses should be carefully selected to meet the specific scholastic requirements of the graduate school which the student plans to enter. The Registrar maintains a file of graduate school catalogs which may be used by faculty members and students.

A reading knowledge of French and German is generally required of candidates for advanced degrees. At least two years of work in German should be taken as part of the undergraduate program.

BUSINESS ADMINISTRATION

Students who wish to enter the field of business administration may follow the Bachelor of Arts—General Program. A complete offering of courses permits the students to pursue an emphasis in accounting or an emphasis in general business.

MEDICAL TECHNOLOGY

Students who wish to become certified medical technologists under the program of the Registry of Medical Technologists of the American Society of Clinical Pathologists must complete three years of college work and one year at a school of medical technology approved by the Council on Medical Education of the American Medical Association.

Upon completion of the twelve-month program at an approved school of medical technology, Dordt College will grant the Bachelor of Arts degree with a major in medical technology.

PRE-DENTAL COURSE

Students preparing for admission to dental school must complete a minimum of two years of college education which should include:

English - - - - -	6 semester hours
Inorganic Chemistry - - - -	8 semester hours
Organic Chemistry - - - - -	8 semester hours
Biology or Zoology - - - -	8 semester hours
Physics - - - - -	8 semester hours

The selection of required courses and of elective courses in the social sciences and in the humanities should be made after consulting the book, Admission Requirements of American Dental Schools published by the American Association of Dental Schools.

Although the minimum requirement is two years of college education, the majority of students accepted by dental schools have completed three or more years of liberal arts college work. Therefore, it is recommended that pre-dental students complete the bachelor of arts program in preparation for admission to a dental school. Three and four year pre-dental programs should be planned with the Vice President for Academic Affairs after consulting the specific requirements of the Dental School to which the student intends to transfer.

Successful completion of the Dental Aptitude Testing Program is required for admission to every dental school. Information on the DAT program may be obtained from the Division of Educational Measurements, American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

PRE-ENGINEERING COURSE

Students who plan to enter the engineering profession may complete part of their work at Dordt College. The course of studies taken at Dordt College will vary depending upon the field of engineering the student intends to enter. (e. g. Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, etc.)

The pre-engineering student should consult the Vice President for Academic Affairs to plan a course of studies which will meet the graduation requirements at the school to which he plans to transfer.

PRE-LEGAL COURSE

A minimum of three years of pre-legal college education is required for admission to law schools. Many law schools require an undergraduate degree for admission. Students are therefore encouraged to complete the entire undergraduate program before entering law school.

Law schools do not prescribe a course of studies which all students must complete for admission to the study of law. The pre-law student is expected to acquire a broad general education which prepares him to think analytically, to reason, and to understand the human institutions and values with which the law deals.

The program leading to the Bachelor of Arts—General Course will provide the broad general education required for admission to law school. Suggested majors include: English, history, or philosophy. Additional course work in the social sciences, in the humanities, and in the natural sciences may be selected in accordance with the individual student's interests and needs.

All law schools require applicants to take the Law School Admission Test administered by the Educational Testing Service, Princeton, New Jersey. The test should be taken in the senior year. Further information about the Law School Admission Test may be obtained from the Vice President for Academic Affairs.

PRE-PHARMACY COURSE

Because of the different patterns of curricula available, the student should select elective courses which will best fit the requirements of the college of pharmacy he plans to attend.

PRE-MEDICAL COURSE

Students preparing for admission to medical school must complete a minimum of three years of college work. Although the medical schools differ in their entrance requirements, the following courses are basic to all programs:

Chemistry - - - - - Two or 2½ years

Biology - - - - - One or Two years

Physics - - - - - One year

English- - - - - One or Two years

In addition many schools require courses in mathematics, social sciences, and foreign languages.

Although the minimum requirement for admission to medical school is three years of college work, the majority of entering medical students have the bachelor's degree. Therefore, it is recommended that pre-medical students complete the bachelor of arts program.

Pre-medical students should consult the Vice President for Academic Affairs to plan a course of studies to meet entrance requirements at schools of interest to them. This will be done on the basis of information found in the book Medical School Admission Requirements published by the Association of Medical Colleges, 2530 Ridge Avenue, Evanston, Illinois 60201. The planned program will then be submitted to the Dean of the Medical College for his approval.

All medical schools require that students planning to apply for admission take the Medical College Admission Test (MCAT). Information on the MCAT program may be obtained from:

Medical College Admission Test
The Psychological Corporation
304 East 45th Street
New York, New York 10017

PRE-NURSING COURSE

Dordt College offers the freshman pre-professional year which is required for admission to four-year nursing programs which lead to the bachelor of science degree in nursing. The courses may be varied to meet the entrance requirements of the school to which a student plans to transfer.

Students who wish to take their nurses training at a hospital school may find it to their advantage to take one year of college before applying for admission for nurses training.

SOCIAL WORK

Students who wish to prepare themselves for the profession of social work need very broad understanding, sound judgement, and thorough professional education. Basic preparation for professional practice requires four years of undergraduate study and two years of professional education in a graduate school of social work which is accredited by the Council on Social Work Education.

Schools of social work do not prescribe the content or the major subject of the undergraduate program. An extensive general education with a social science emphasis is the preferred foundation for social work education.

The program leading to the Bachelor of Arts—General Course will provide the broad education required for admission to graduate schools of social work.

TEACHER EDUCATION PROGRAM

To be eligible for recommendation for certification a student must be admitted to the Teacher Education Program, and he must complete the requirements for the Bachelor of Arts degree in elementary education or in secondary education.

ADMISSION TO THE PROGRAM

Formal application for admission to the Teacher Education Program must be filed during the second semester of the sophomore year after a minimum of 13 courses has been taken for credit. Official application forms may be obtained from the Academic Office.

Completed application forms will be reviewed by the Teacher Education Committee. To qualify for admission to the Teacher Education Program a student must give evidence of the following:

1. A minimum cumulative grade point average of 2.00.
2. The ability to communicate effectively and correctly.
3. Acceptable personal health
 - a. Physical
 - b. Mental
 - c. Emotional
4. Acceptable personal character and commitment to teaching – The Teacher Education Committee reserves the right to refuse admission to any student who does not demonstrate the ethical, moral, and spiritual standards which may be expected of a Christian teacher.

After considering a student's application for admission to the Program of Teacher Education the Committee may take the following actions:

1. Accept for admission – if the Committee feels there are no recognizable deficiencies in any of the criteria for admission.
2. Reject – No student will be rejected without having first met with the Director of Teacher Education. The student will be rejected on the basis of specifications presented to him in writing.

Students who seek admission to the Teacher Education Program in their junior year will be expected to meet the grade point averages stated in the section on Retention in the Program.

RETENTION IN THE PROGRAM

The status of a student in the Teacher Education Program will be reviewed periodically and is subject to change when standards for admission are not maintained.

After a student has taken 23 courses for credit, he may be retained in the program if he meets the following grade point averages:

A. Elementary education students

1. A cumulative over-all grade point average of 2.00.
2. A grade point average of 2.00 in all professional education courses. Education courses numbered 201 and above shall be considered professional education courses.
3. A grade point average of 2.00 in the area of specialization.

B. Secondary education students

1. A cumulative over-all grade point average of 2.00.
2. A grade point average of 2.00 in all professional education courses. Education courses numbered 201 and above shall be considered professional education courses.
3. A grade point average of 2.10 in work completed in the major (Not including the field cognate).
teaching: Educ. 201, 322, 323, and Psych. of 2.00.
teaching: Educ. 203, one course from 341-field (Not including the cognate).

After the student has 28 courses for credits, he may be retained in the program only if he meets the grade point averages required for admission to Practice Teaching.

If a student's grade point average falls below those specified above, he will be dismissed from the program.

The Teacher Education Committee may dismiss a student from the Teacher Education Program if the student does not continue to meet the standards for admission to the Program. No student will be dismissed from the Program without having first met with the Director of Teacher Education. Dismissal will be on the basis of specifications presented to the student in writing.

ADMISSION TO PRACTICE TEACHING

Practice teaching is required of all students preparing for certification. Applications for practice teaching must be made early in the semester preceding the one in which the practice teaching is to be done. To qualify for practice teaching a student must meet the requirements listed below:

A. Elementary education students

1. The student must have taken a minimum of 18 courses for credit applicable to an approved course of studies in teacher education.
2. The student must have been admitted to the Teacher Education Program.
3. The following education and psychology courses must be completed prior to practice teaching: Educ. 201, 322, 323, and Psych. 201, 212, and 215.
4. The following grade point averages must be met:
 - a. A cumulative over-all grade point average of 2.00.
 - b. A grade point average of 2.10 in professional education courses. Education courses numbered 201 and above shall be considered professional education courses.
 - c. A grade point average of 2.00 in the area of specialization.

B. Secondary education students

1. The student must have taken a minimum of 28 courses for credit applicable to an approved course of studies in teacher education.
2. The student must have been admitted to the Teacher Education Program.
3. The following education and psychology courses must be completed prior to practice teaching: Educ. 203, one course from 341-348, and Psych. 201, 213, and 215.
4. The following grade point averages must be met:
 - a. A cumulative over-all grade point average of 2.00.
 - b. A grade point average of 2.10 in professional education courses. Education courses numbered 201 and above shall be considered professional education courses.
 - c. A grade point average of 2.20 in the major field (Not including the cognate).

Application for practice teaching must be approved by the Teacher Education Committee.

Practice teaching must be taken at Dordt College to receive graduation credit and recommendation for certification.

REQUIREMENTS FOR INSTITUTIONAL RECOMMENDATION FOR CERTIFICATION

To qualify for certification a student must receive the recommendation of the Teacher Education Committee. To receive the recommendation of the Committee the requirements listed below must be met.

A. Elementary education students

1. The student must have been admitted to the Teacher Education Program.
2. The student must have completed an approved course of studies in teacher education.
3. The following grade point averages must be met:
 - a. A cumulative over-all grade point average of 2.00.
 - b. A grade point average of 2.20 in professional education courses. Education courses numbered 201 and above shall be considered professional education courses.
 - c. A grade point average of 2.00 in the area of specialization.

B. Secondary education students

1. The student must have been admitted to the Teacher Education Program.
2. The student must have completed an approved course of studies in teacher education.
3. The following grade point averages must be met:
 - a. A cumulative over-all grade point average of 2.00.
 - b. A grade point average of 2.20 in professional education courses. Education courses numbered 201 and above shall be considered professional education courses.
 - c. A grade point average of 2.20 in the major field (Not including the cognate).

Academic Policies

CLASS ATTENDANCE

All students are expected to attend all class periods and all laboratory periods. Penalties for absence from class are left to the individual instructors. The instructor may lower a student's mark if there have been excessive unexcused absences. No allowed number of skips are permitted.

CREDITS

All credit at Dordt College is given in semester hours. Each semester hour requires one period per week of class work and approximately two hours per week of outside preparation.

STUDENT CLASSIFICATION

Classification is made at the beginning of the academic year and is determined by the number of semester hours of credit earned:

Freshman	0-27 hours
Sophomore	28-57 hours
Junior	58-87 hours
Senior	88 hours

STUDENT LOAD

The normal student load is five courses per semester. The minimum load for full-time student classification is four courses (twelve semester hours) per semester.

Under the conditions listed below, students may take more than five courses per semester. However, the decision to do so should be considered very carefully and should be made in consultation with the academic adviser. The following policies will govern overloads:

- Within the definition of a normal load a student may take up two approved one-hour courses in addition to the five-course load.
- No freshman may register for an overload in his first semester, and he may do so in the second semester only if he has a grade point average of 3.00 or better and has the written permission of the Vice President for Academic Affairs.
- Sophomores, juniors, and seniors may register for a one-course overload if they have a cumulative grade point average of 2.00 or better.
- Students who wish to take more than one overload course per semester must have a cumulative grade point average of 3.00 or better and the written approval of the Vice President for Academic Affairs.
- IN A STUDENT FOUR-YEAR PROGRAM NO MORE THAN TWO OVERLOAD COURSES WILL BE APPLIED TO THE GRADUATION REQUIREMENT OF 40 COURSES.

AUDIT POLICIES

- Part-time Students – will not be granted class visitor privileges. They will be permitted to audit classes at $\frac{1}{2}$ the regular tuition rate.
- Full-time Students – will be allowed class visitor privileges or they may audit a class.
 - Class visitor status may be granted with the permission of the instructor and the registrar if there is room in the class.
 - Audit status must be indicated when a student registers for a course. An instructor may designate that a course is not open for audit, and in courses in which enrollments are restricted, regularly registered students will have priority.

3. Audit Policies

- a. Audited courses will be considered as part of the course load and will be governed by the regulations governing overload.
- b. Changes from audit to regular registration may be made during the period allowed for adding and dropping courses.
- c. Audited courses will be listed on the grade report and on the transcript — a grade of “Au” will be given with no credits and no honor points.
 1. This notation will be made only if a student has been in regular attendance in the course as verified by the instructor of the course.

DROPPING COURSES

Changes in registration must be completed within two weeks after the opening date of each semester. Permission to change courses must be obtained from the Registrar of the College.

No course may be dropped without the permission of the Registrar of the College. Courses dropped without permission are recorded as F. Courses dropped after the second week of the semester are recorded as Wp—withdrawn passing if the student has a passing grade in the course when it is dropped and Wf—withdrawn failing if the student is failing when the course is dropped. All courses dropped after the tenth week of the semester will be recorded as “F”.

WITHDRAWAL FROM SCHOOL

A student who wishes to withdraw from school must receive permission from the Registrar of the College. Refunds are based upon the date of such approval. Students who withdraw without permission will have grades of F recorded for all courses.

GRADING SYSTEM

The following grading system is in effect at Dordt College:

Grade	Points Per Hour	Description
A	4	Exceptional
B	3	Good
C	2	Graduation Average
D	1	Unsatisfactory
F	0	Failure
Wp	0	Withdrawn Passing
Wf	0	Withdrawn Failing
Au	0	Audit

GRADE POINT AVERAGE

College graduation requires that a student maintain a 2.00 grade point average. The grade point average is determined by dividing the total number of grade points by the total number of hours attempted.

A grade of “F” in a course will be computed in the student’s G.P.A. (this refers to both regular courses and pass-fail courses); and a student who withdraws from a course prior to the expiration of 10 weeks will not have the “Wf” computed in his G.P.A.

ENROLLMENT IN OTHER SCHOOLS

Students who are enrolled in Dordt College will not be permitted to take work for academic credit in the same semester in other schools without getting permission from the Vice President for Academic Affairs. In no case will students be permitted to carry a load greater than that stated in the catalog.



PASS-FAIL OPTION

At Dordt College students have the option of selecting courses on a pass-fail basis. This policy was adopted to provide more flexibility in program planning and to encourage students to explore many interests outside of their normal program without the worry of overload or about the effect of the course grade on his grade point average.

The following guidelines have been adopted to aid the students in the selection of P/F courses:

Pass-fail courses may be taken by sophomores, juniors, and seniors.

Sophomores and juniors may take one P/F course per semester. Seniors may take two P/F courses per semester. A total of six P/F courses may be applied to the 122 hours required for graduation.

A grade of "P" will be calculated for G.P.A. purposes as follows: Hours attempted = 0; Credits = 2, 3, 4, etc.; Grade points = 0. Thus, a grade of "P" WILL HAVE NO EFFECT ON THE STUDENT'S GRADE POINT AVERAGE because the grade point average is determined by dividing the grade points by the hours attempted.

A grade of "F" will be calculated in the same way as an "F" under the normal grading system. Thus, a grade "F" WILL REDUCE THE STUDENT'S GRADE POINT AVERAGE.

Students who receive a "P" in a P/F course may not retake the course on a graded basis.

If a student includes a P/F course in his registration, he may take up to 19 hours within the definition of a normal load. Students who wish to take 20 hours or more must meet the requirements listed in the catalog for permission to take overloads.

Students may register for P/F in elective courses only. Excluded, therefore, are:

1. All general education requirements.
2. All requirements for majors and minors.
3. All requirements for teacher education programs.

Students must select the P/F option at the time of registration. Changes from regular grading to P/F or P/F to regular grading must be made following regular add/drop procedures.

Students may drop a P/F course with a passing grade (regardless of grade) within the ten week period allowed for dropping courses.

ACADEMIC HONORS

Dean's List

A Dean's List is released after each semester to give recognition for scholastic accomplishment. Students carrying at least 14 semester hours of work with a grade point average of at least 3.30 are placed on the list.

Freshman Prize

The freshman student who has completed at least 28 hours of work and has earned the highest grade point average is granted the \$25.00 Freshman Prize.

Freshman Honors

Freshman who have completed at least 28 hours and have maintained a grade point average of at least 3.50 are awarded Freshman Honors.

Sophomore Prize

The sophomore student with the highest cumulative grade point average after having completed at least 58 hours of work is granted the \$25.00 Sophomore Prize.

Sophomore Honors

Sophomores who have completed at least 58 hours and have maintained a cumulative grade point average of at least 3.50 are awarded Sophomore Honors.

Junior Prize

The junior student with the highest cumulative grade point average after having completed at least 88 hours of work is granted the \$25.00 Junior Prize.

Junior Honors

Juniors who have completed at least 88 hours and have maintained a cumulative grade point average of at least 3.50 are awarded Junior Honors.

Graduation Honors

The graduation honors Summa cum laude, Magna cum laude, and Cum laude are awarded to graduating students who have attended Dordt College at least two years. To receive the Summa cum laude, the student must have a cumulative grade point average of 3.80; Magna cum laude, 3.60; Cum laude, 3.40.

ACADEMIC STANDING

A student is expected to maintain a 2.00 grade point average for graduation. When the grade point average falls below 2.00 the student is given written warning of academic deficiency, or is placed on academic probation, or is dismissed for academic reasons. The seriousness of the deficiency will determine the action taken.

A student may be on academic probation for only one semester. If the student does not raise the grade point average above academic probation classification, he will be required to receive special permission to register for further work at Dordt College. The faculty Instructional Policies Committee may recommend that the student be allowed to register on special academic probation, that the student withdraw from the college, or that the student be dismissed. The Committee decision is made on the basis of the circumstances in each individual case.

Students and parents are notified when students are placed on probation or dismissed for academic reasons.

A student dismissed for academic reasons may not apply for readmission before a lapse of one academic year.

GRADE REPORTS

First semester mid-semester grades are reported to Freshmen. These are not recorded on the permanent record but are for the purpose of indicating progress being made. Mid-semester reports are obtained from the student's faculty adviser.

Final grade reports are released by the Registrar's Office as soon as possible after the close of each semester. Grade reports are sent directly to the student's parents. Students may also obtain copies of grade reports from their faculty advisers.

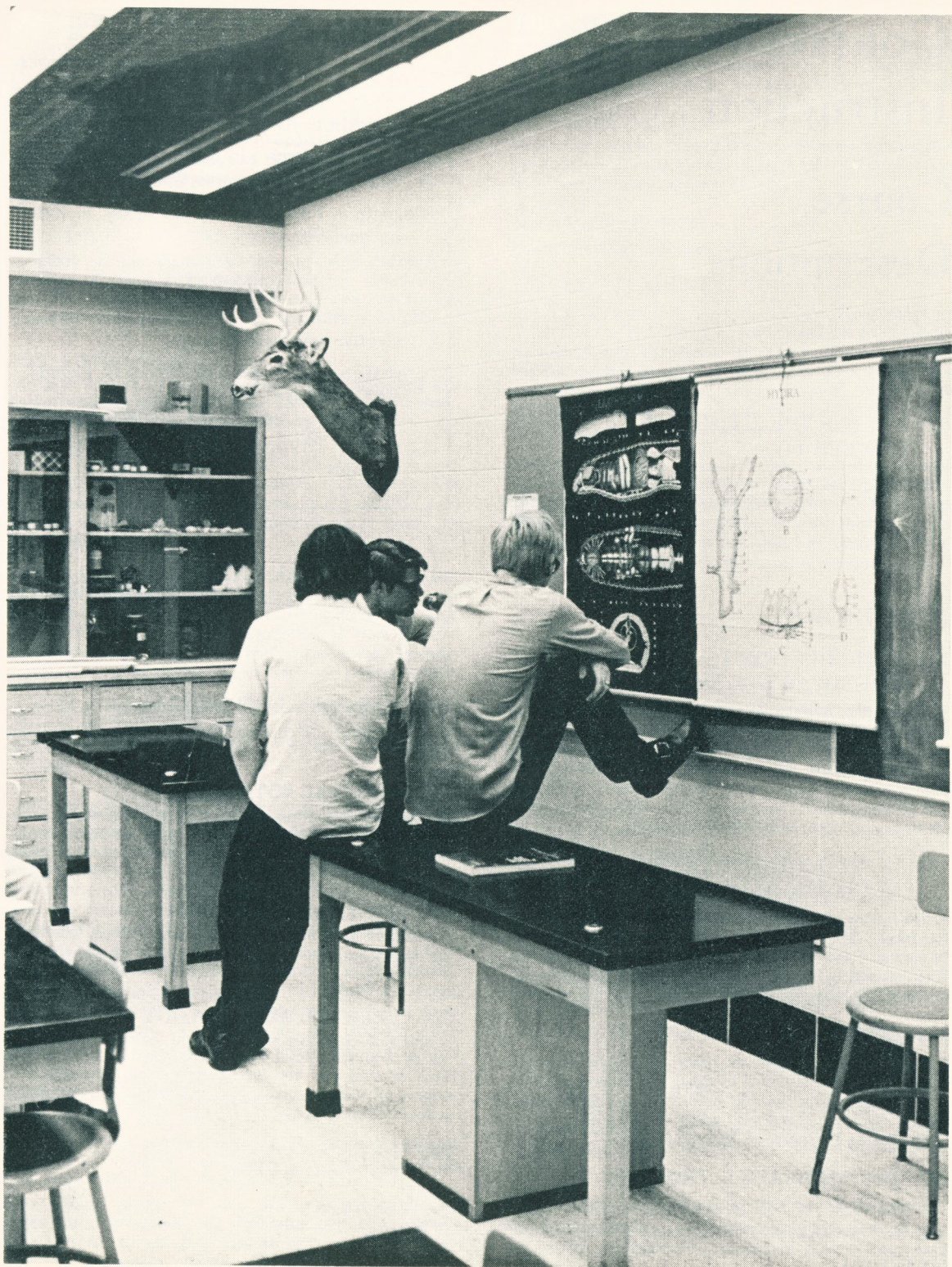
OFFICIAL TRANSCRIPTS

One transcript is furnished free to each student. The fee for each additional transcript is \$1.00, payable in advance. Requests for transcripts should be submitted well in advance of the time they are required by the student. Transcripts will not be made during the week of registration or at the time semester grades and reports are being processed.

A transcript will be released only if all accounts have been settled with the College.

Transcripts are released only with the written permission of the student. They will not be sent to employers or other agencies without the permission of the student.

Official transcripts are not given directly to the student. All transcripts are sent directly to the school, employer, or agency specified by the student.



Courses of Instruction

Course Descriptions

Art

211 ART FOR THE ELEMENTARY TEACHER (4)

Methods and techniques of organizing and motivating art instruction for elementary school children. Creative work with material for the young child: crayon, cut paper, water color, poster paint.

Astronomy

103 INTRODUCTION TO ASTRONOMY: THE SOLAR SYSTEM (3)

A descriptive, non-mathematical introduction to the astronomy of the Solar System, with major attention given to descriptive surveys of the major planets and their satellites, selected minor planets, comets and meteors. Brief attention given to early astronomical investigation and to astronomical instrumentation. Opportunity given for telescopic observations by the students.

104 INTRODUCTION TO ASTRONOMY: STARS AND GALAXIES (3)

A descriptive introduction to modern stellar and galactic astronomy. The nature of stars, nebulae, and galaxies will be discussed and various cosmological theories considered. Students will be involved in a variable star observing project, and will have opportunity for telescopic observations.

203 INTERMEDIATE ASTRONOMY (3)

Investigation of problems in lunar and planetary astronomy by means of assigned readings and weekly seminars. Guided research by students with reports of findings. Observing sessions depending upon weather and project requirements. Prerequisite: Astronomy 103.

204 INTERMEDIATE ASTRONOMY (3)

Investigation of problems in planetary and stellar astronomy by means of assigned readings, guided research projects, and weekly seminars. Prerequisites: Astronomy 103 and 104.

Biology

SECONDARY EDUCATION

Major — Biology 115, 122, 200, 213, 359 and five elective courses in biology.

Cognate — Five courses in chemistry, including chemistry 205.

GENERAL

Major — Biology 115, 122, 200, 213 and six elective courses in biology.

Cognate — Five courses in chemistry, including chemistry 205.

Strongly recommended for all Biology majors: Physics 201, 202, Statistics and Calculus.

101 BIOLOGICAL SCIENCE (3).

An introduction to the principles and concepts of biology and their implications. A topical or problematic approach will be used. Contemporary biological problems will be stressed and important biological processes related to these. Three lectures per week, or its equivalent.

102 BIOLOGICAL SCIENCE (3)

A continuation of Biology 101. May be taken without Biology 101.

115 GENERAL BOTANY (4)

An introductory study of the anatomy, physiology, taxonomy and economic importance of major plant groups. Three lectures and one laboratory period of three hours per week.

122 GENERAL ZOOLOGY (4)

A study of the anatomy, physiology, ecology, taxonomy and economic importance of the invertebrate and chordate animals. Three lectures and one laboratory period of three hours per week.

200 PRINCIPLES OF ECOLOGY (3)

A study of local flora and fauna and their relationships to the environment. Major world ecosystems will be discussed. Two lectures and one laboratory period (primarily outdoors) of two or three hours per week. Prerequisite: 1 year of college biology.

201 HUMAN ANATOMY AND PHYSIOLOGY (3)

An introduction to the study of human biology, with emphasis on the structures and functions of the organ systems of man. Two lectures and one laboratory period of two hours per week. Prerequisite: Biology 122.

202 HUMAN ANATOMY AND PHYSIOLOGY (3)

A continuation of Biology 201.

204 ENVIRONMENTAL BIOLOGY (3)

An emphasis on man's effect on his environment, including pollution and conservation. Population dynamics and animal social behavior will also be included. Two lecture-discussions and one laboratory-field period of two hours per week. Prerequisite: Biology 200.

211 INVERTEBRATE ZOOLOGY (4)

A study of the taxonomy, anatomy, life history and ecology of major groups of invertebrates. Two lectures and two laboratory periods of two hours per week. Prerequisite: Biology 122.

213 GENETICS (3)

An introduction to the principles of inheritance and variation in plants, animals and man. Three lectures per week. Prerequisites: Biology 115 and 122.

217 PLANT MORPHOLOGY (4)

A comparative study of the structure, reproduction, life habits and relationships of the major plant groups. Three lectures and one laboratory period of three hours per week. Prerequisite: Biology 115.

235 CELL BIOLOGY (3)

A study of the morphology and physiology of the cell, its organelles, and its constituents. Three lectures per week. Prerequisites: Biology 115 and 122.

301 EMBRYOLOGY (3)

A study of the development of representative vertebrates such as the frog, chick and pig. Two lectures and one laboratory period of three hours per week. Prerequisite: Biology 122.

302 MICROBIOLOGY (3)

A study of the form, structure, and classification of various micro-organisms. Emphasis on bacteria, general laboratory technique, culture, media, sterilization, germicidal action of disinfectants and staining methods. Two lectures and one laboratory period of two hours per week. Prerequisite: Biology 115 or permission of the instructor.

304 HISTOLOGY (4)

A study of the microscopic anatomy of animal tissues and organs, with emphasis on the relationship between structure and function. Two lectures and two laboratory periods of two hours per week. Prerequisite: Biology 122 and 301.

312 COMPARATIVE CHORDATE ANATOMY (4)

A comparative study of the anatomy of chordate animals. Two lectures and two laboratory periods of three hours per week. Prerequisite: Biology 122.

351 EVOLUTIONISM (3)

A study of the theories of origins, of the history and evidences of evolutionism, and analysis of contemporary ideology. Open to all junior and senior students.

355 RESEARCH (1)

Original laboratory, field or library research on an assigned problem, supervised by the department staff. Open only to junior and senior biology majors.

356 RESEARCH (1)

A continuation of Biology 355.

359 INDEPENDENT STUDIES (3)

This course is open only to students who have completed a minimum of six Biology courses applicable to the major. Secondary education students should reserve this course for the second semester of their senior year. In consultation with a faculty advisor the student will design a study project in Biology, which is to be submitted as a single page proposal to the department for approval.

The course must be an in-depth study suited to the needs of the student, and may be directed into programmed texts, readings in current topics, presentations in seminar style, etc., as the situation may permit. The course may include an oral exam by two or more faculty members, and normally should include a written comprehensive report.

Business Administration

GENERAL

Major—Bus. Ad. 101, 201-202, 205, 206, 301, 351 and from 3-5 elective courses in business administration (Note: Students who wish to complete an accounting emphasis will take five elective courses in accounting).

Cognates—Psych. 207, Econ. 201-202, 303, and one elective course in economics.

101 INTRODUCTION TO BUSINESS (3)

A survey of the dynamic economy of our nation, a study of the objectives and responsibilities of business, and a consideration of the ethical problems of business. A nontechnical course designed to benefit all college students.

201 PRINCIPLES OF ACCOUNTING (3)

An elementary course in fundamentals of financial accounting; a study of principles of accountability, basic record keeping, and preparation of financial reports.

202 PRINCIPLES OF ACCOUNTING (3)

A continuation of Business Administration 201, with further study of partnerships, the corporation, and manufacturing problems; emphasis on interpretation of financial reports. Prerequisite: Business Administration 201.

205 PRINCIPLES OF MANAGEMENT (3)

A basic course in management fundamentals as applied to business organizations and as well to school, church, and other organizations seeking to accomplish objectives through group activity.

206 PRINCIPLES OF MARKETING (3)

A study of marketing institutions, channels of product distribution, problems of price determination, promotion methods, government influences, and ethical problems of the marketing man.

222 MODERN BUSINESS COMMUNICATION (3)

An applied study of the content and structure of various kinds of business communications (sales, requests, replies, claims, adjustments, etc.) with emphasis on the purpose of each form of communication and methods of achieving that purpose. Tools of communication will include the telephone and the dictation machine as well as letters and reports.

301 BUSINESS LAW (3)

A study of law and its administration in business relationships, with primary emphasis upon the law of contracts and agency.

302 BUSINESS LAW (3)

A continuation of Business Administration 301 with emphasis upon the law of bailments, negotiable instruments, sales, partnerships, and corporations.

310 INTERMEDIATE ACCOUNTING (3)

Analysis of financial accounting theory and current practice. Analysis of problems concerning valuation of assets, evaluation of liabilities and capital structure. Communication and reporting of financial information. Prerequisite: Business Administration 202.

311 INTERMEDIATE ACCOUNTING (3)

Continuation of Business Administration 310. Prerequisite: Business Administration 310.

312 ADVANCED ACCOUNTING (3)

A comprehensive study of accounting problems of the partnership, consolidations, branch operations, fiduciaries, etc. Prerequisite: Business Administration 202.

313 COST ACCOUNTING (3)

A study of the measurement and evaluation of production costs, including job order costing, process costing, standard costing. Prerequisite: Business Administration 202.

314 AUDITING (3)

A working knowledge of principles and procedures of professional auditing and accounting, with special emphasis on A.I.C.P.A. standards and pronouncements, and of professional ethics. Prerequisite: Business Administration 311 and 312.

315 FEDERAL INCOME TAX ACCOUNTING (3)

A study of federal income tax regulations and forms, based on the Internal Revenue Code. A study of income tax problems for the individual, for business organizations, for non-profit institutions. Prerequisite: Business Administration 202, or permission.

325 CORPORATION FINANCE (3)

An analysis of the financial structure and problems of the corporation, types of securities, reorganization, mergers, conglomerates, "pooling of interests," etc. Prerequisite: Business Administration 202.

351 SENIOR SEMINAR (3)

An integration of departmental study, through case analyses and research projects, with an emphasis on Christian perspectives for the businessman. For Business-Economics seniors only.

353 INDEPENDENT STUDY (3)

Opportunity to conduct individualized research under the supervision of the departmental staff. Prerequisite: Upper-class status, consent of the department.

Business Education

SECONDARY EDUCATION

Major—Bus. Ad. 201-202, 301-302, 351, Bus. Ed. 105, 112, 113, 321, and three elective courses from business administration and/or business education.

Cognates—Economics 201-202, and one elective course in economics.

105 CALCULATING MACHINES (3)

The development of job-level skill in the operation of office calculating and adding machines and the application of those machines in the solution of typical problems in business mathematics. (Open to Business Education students only)

111 TYPEWRITING I (3)

Learning the keyboard control and basic machine manipulations. Application of skill to typing of simple tabulations, correspondence, and manuscripts. This course may be waived if the student's high school transcript shows two semesters of typewriting or by passing a proficiency examination administered by the Business Education Department. (Open only to majors in Business Education)

112 TYPEWRITING II (3)

Increased development of accuracy and speed. Application of skill to more complex tabulations, correspondence, reports, and business forms. This course may be waived by passing a proficiency examination administered by the Business Education Department. (Open only to majors in Business Education) Prerequisite: Business Education 111, or equivalent.

113 TYPEWRITING III (3)

Development of skill to production level. Emphasis upon office-type work assignments with evaluation based upon high-level office standards of production. Prerequisite: Business Education 112 or equivalent.

211 SHORTHAND I (3)

A study of Gregg shorthand theory, including the shorthand alphabet, brief forms, principles of reading and writing shorthand, and taking dictation. Prerequisite or co-requisite: Business Education 111. (This course may be waived if the student has two semesters of high school shorthand or if he passes a proficiency test.)

212 SHORTHAND II (3)

Continued emphasis on vocabulary building, increasing dictation speed, and developing transcription skills. Prerequisite: Business Education 211, or equivalent. Prerequisite or co-requisite: Business Education 112. (This course may be waived by passing a proficiency test.)

213 SHORTHAND III (3)

Emphasis upon specialized vocabulary building, increasing dictation speed, and improving transcription skills. Prerequisite: Business Education 212. Prerequisite or co-requisite: Business Education 113.

321 OFFICE PROCEDURES AND ADMINISTRATION (3)

A study of procedures essential to the efficient administration of an office, including receiving business information, transmitting business information, and storing and retrieving business information. Prerequisite: Business Education 112 or equivalent.

Chemistry

SECONDARY EDUCATION

Major—Chemistry 103-104, 201-202, 205, 301-302, and one course from Chemistry 303, 311, and 321.

Cognates—Select one area.

1. Biology: Math. 112, Physics 115-116, Biology 115, 122, and two elective courses in biology.
2. Mathematics: Physics 115-116, Math. 112, 113, 204, and two elective courses in mathematics.
3. Physics: Math. 112, Astronomy 103-104, Physics 115-116, 206, and 216.

GENERAL

Major—Chemistry 103-104, 201-202, 205, 301-302, 303, 311, 321.

Cognates—Physics 115-116, Math. 112, 113, and 204.

103 GENERAL AND ANALYTICAL CHEMISTRY (4)

A course in the fundamental principles of chemistry. The laboratory consists of problems in quantitative analysis, with both wet procedures and elementary instrumental procedures used. The intent of the laboratory part of the course is to prepare students who will either take more chemistry courses or upon completion of the course will work in a laboratory where analytical techniques are required. Three lectures and one laboratory period per week.

104 GENERAL AND ANALYTICAL CHEMISTRY (4)

A continuation of Chemistry 103.

201 ORGANIC CHEMISTRY (4)

A study of the chemistry of the hydrocarbons, including aliphatic, cyclic, and aromatic. An introduction to organic reaction mechanisms. Three lectures, one seminar, and one laboratory period per week. Prerequisite: Chemistry 104.

202 ORGANIC CHEMISTRY (4)

A study of the various organic functional groups. The study of organic reaction mechanisms is continued. Three lectures, one seminar, and one laboratory period per week.

205 BIOCHEMISTRY (3)

An introduction to the chemistry of living systems. Some topics discussed include pH and buffers, carbohydrates, lipids, proteins, nucleic acids, and enzymes. This knowledge is then applied to a study of the metabolism of the major cell constituents and integrated through a consideration of the inter-relations among the carbon, nitrogen, and energy cycles. Three lectures per week. Prerequisite: Chemistry 202.

301 PHYSICAL CHEMISTRY (4)

An introduction to thermodynamics, with application to physical and chemical systems. This introduction includes a study of solution chemistry. Three lectures, one seminar, and one laboratory period per week. Open only to juniors and seniors. Prerequisites: Chemistry 104, Physics 115 and Mathematics 112.

302 PHYSICAL CHEMISTRY (4)

A continuation of Chemistry 301. Electrochemistry, kinetics, colloidal and surface phenomena, photochemistry, and radiation chemistry. Three lectures, one seminar, and one laboratory period per week.

303 ATOMIC, MOLECULAR, AND CRYSTAL STRUCTURE (3)

A study of structure for the chemist. Atomic structure is considered first, and the structure of the atom is then used in a study of the chemical bond, the spectra of molecules, and chemical statistics. The structures of crystals and liquids are studied. Three lectures and one seminar per week. Open only to juniors and seniors. Prerequisites: Chemistry 104 and Physics 116.

311 ADVANCED INORGANIC CHEMISTRY (3)

A survey of the chemistry of the elements based on the physical principles underlying the periodic arrangement of the elements. Three lectures and one seminar per week. Prerequisite: Chemistry 104.

321 ADVANCED ORGANIC CHEMISTRY (3)

Advanced topics on organic chemistry, with an emphasis in reaction mechanism, kinetics, and other currently-active areas of organic chemistry. Intended primarily for chemistry majors. Three lectures and one seminar per week. Prerequisites: Chemistry 104 and 202.

355 RESEARCH (1)

Not open to freshmen. Two semesters' work required. Prerequisite: permission of department.

356 RESEARCH (1)

The second year of research; two semesters' work required. Prerequisite: Chemistry 355 and permission of department.

357 RESEARCH (1)

The first half of the third year of research. Prerequisite: Chemistry 356 and permission of department.

358 RESEARCH (1)

The second half of the third year of research. Prerequisite: Chemistry 357 and permission of department.

Computer Science

101 INTRODUCTION TO COMPUTER SCIENCE (3)

The student will be introduced to computer science through learning to program in the Fortran language. Both commercial and scientific applications will be studied through problems assigned.

Drama

262 CREATIVE DRAMATICS FOR CHILDREN (3)

An introduction to both children's theatre and informal dramatics. A review of materials available for children's dramatics. Exercises in body movement, in sequential development, and in dramatic statements. Selection and critique of materials for in-the-classroom dramatics. Emphasis on dramatic activity requiring minimal equipment and facilities.

361 THEATRE HISTORY (3)

A course which aims to clarify the meaning, purpose, and direction of the twentieth-century theatre as a product of the historical-cultural development of theatre since Aeschylus.

363 DRAMATIC THEORY AND PLAY SELECTION (3)

A course which aims to establish a Scripturally-oriented frame of reference in evaluating and selecting plays for use in educational and community situations. Lectures and discussion on the principles of dramatic production. Examination of various theories of tragedy and comedy. Articulation of the relationship involved in dramatic production: aesthetic, ethical, economic, and others.

364 PLAY WRITING AND PLAY PRODUCTION (3)

Students will concentrate in one of two areas: writing or production. Lectures and discussions will reflect the relatedness of the two activities. Some participation in play production required.

Dutch

101 ELEMENTARY DUTCH (4)

Emphasis on the basic structure of the language, on pronunciation and spoken Dutch. Assigned work in the language laboratory.

102 ELEMENTARY DUTCH (4)

Continuation of Dutch 101. Additional emphasis on reading.

201 INTERMEDIATE DUTCH (4)

A structural review, work in vocabulary building and selected collateral reading and listening; with added attention given to the nature of language.

202 LITERARY AND CULTURAL READINGS (3)

Readings in Dutch culture and contemporary literature. Prerequisite: Dutch 201.

203 READINGS IN DUTCH THEOLOGY (3)

A study of source documents such as commentaries on the Holy Scriptures and the confessions. Prerequisite: Dutch 102.

204 READINGS IN DUTCH THEOLOGY (3)

Continuation of Dutch 203. Prerequisite: Dutch 203.

Economics

201 PRINCIPLES OF ECONOMICS (3)

A study of fundamental economic principles which apply to business and industry on modern society, including the pricing function, the banking system, national income, and employment analysis.

202 PRINCIPLES OF ECONOMICS (3)

Continuation of Economics 201.

303 MONEY AND BANKING (3)

An analysis of the nature and function of money, the organization of commercial banking, and the Federal Reserve System. A study of the principles of monetary policy and their application in our economy. Prerequisite: Economics 202.

305 LABOR PROBLEMS (3)

A study of organized labor, collective bargaining, labor legislation, and labor economics. Prerequisite: Economics 202 and Business Administration 202.

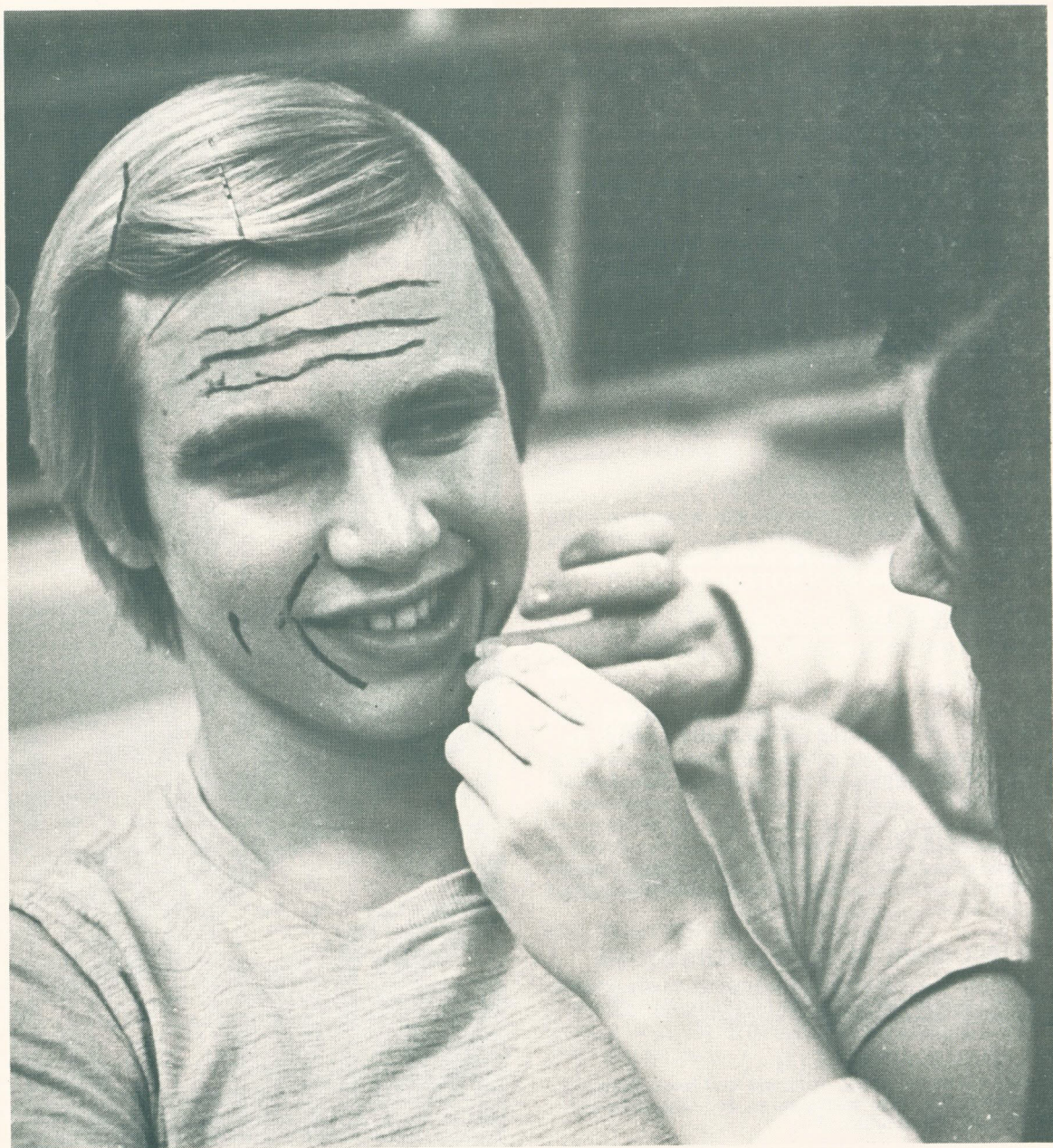
309 ECONOMIC HISTORY OF THE U.S. (3)

The history of the economic development of our nation: historical development from the economic point of view. Prerequisite: Economics 202 or permission.

315 PUBLIC FINANCE (3)

The tax system on federal, state, and local levels. Problems of fiscal policy, debt management, and federal budget. Prerequisite: Economics 202.





Education

Students may prepare for teaching in the Elementary or the Secondary school. To be eligible for recommendation for certification a student must be admitted to the Teacher Education Program, and he must complete the requirements for the Bachelor of Arts Degree in Elementary Education or in Secondary Education. For information on requirements for admission to the Teacher Education and/or graduation, see the Educational Program section of this catalog.

ELEMENTARY EDUCATION – AREAS OF SPECIALIZATION

1. Biology: Biology 115, 122, 200, and three elective courses in biology.
2. Business Administration: Bus. Ad. 101, 201; Econ. 201-202; one elective course in economics; three elective courses in business administration and business education (maximum of two courses in business education).
3. Chemistry: Any six courses in chemistry.
4. Drama-Speech: Drama 262, 361, 363, 364; Speech 211, 301.
5. Economics-Political Science: Economics 201-202; Political Science 201-202; two elective courses from economics or political science.
6. English: English 201-202; two courses from 313, 314, 315, 316, 317; four English courses other than 101; or Library Science and three English courses other than 101.
7. History: History 101-102, 201-202, and four elective courses in history.
8. Language Arts: Drama 262; Lib. Sc. 205; Speech 203, 211; two courses from Eng. 200, 222; Linguistics 201; Speech 204, 310.
9. Language: Foreign Language 201, 202 and two courses in the same language; two or three courses from Speech 201, 205, or Linguistics 201; one or two courses from any foreign language, Speech 202, English 301, or Phil. 202.
10. Library Science: Lib. Sc. 201, 202, 203, 204, 205, and one elective course in library science.
11. Mathematics: Mathematics 112, 113, and four electives from math courses numbered 200 or above, computer science or Philosophy 202.
12. Music: Music 103-104, 108, 302, 311, 313, and two elective courses from 203, 207-208, 305, 307, 310, 315.
13. Natural Science: Two courses in biology; two courses from astronomy, chemistry, physics, or physical science; and two courses from any science department.
14. Philosophy: Phil. 201, 305, 306, 308, 309, 311.
15. Physical Education: P.E. 105, 201, 203, 204, 205, 207, 304, 305.
16. Physics: Any six courses in physics and astronomy.
17. Psychology-Sociology: Psych 201, 212, 215; Soc. 201; four elective courses from psychology or sociology, at least two of which must be in sociology.
18. Social Sciences: Soc. 201-202; Econ. 201-202; Pol. Sci. 201-202; two elective courses from sociology, economics or political science.
19. Sociology: Soc. 201 and five elective courses in sociology.
20. Special Education: Educ. 301, 302; Psych. 207, 210, 303; Sp. 205.
21. Speech: Speech 203, 204, 211, 310; one speech elective; Drama 262.
22. Speech-Drama: Speech 203, 211, 310; Drama 262, 363, 364.

201 PRINCIPLES OF TEACHING IN THE ELEMENTARY SCHOOL (3)

This course is an introduction to elementary school teaching. It will serve as an orientation to the terms and materials peculiar to the field of elementary education. The course will consider the role of the teacher, the aims and objectives of elementary education, the curriculum, instructional procedures, and evaluation.

203 PRINCIPLES OF TEACHING IN THE SECONDARY SCHOOL (3)

This course is an introduction to secondary school teaching. It will serve as an orientation to the terms and materials peculiar to the field of secondary education. The course will consider the role of the teacher, the aims and objectives of secondary education and present an introduction to curriculum, educational media, and teaching.

301 EDUCATION OF EXCEPTIONAL CHILDREN (3)

A study of the content areas and types of exceptional children. Emphasis will be placed on identifying the handicapping elements of each area of exceptionality, the etiological factors, and the resultant practical implications. Personal, social, emotional, educational, spiritual, and vocational factors are considered. Prerequisite: Education 201 or 203, Psychology 201 and 212 or 213.

302 EDUCATION OF MENTALLY RETARDED (3)

A study of the classification, etiology, and diagnosis of the mentally retarded with emphasis upon the educational implications, programing, special teaching procedures, and life adjustment for mentally retarded. The various levels, types, and degrees of mental handicap will be considered. Prerequisite: Psychology 201 and 212 or 213; Education 301.

322 TEACHING ARITHMETIC IN THE ELEMENTARY SCHOOL (3)

A basic course in mathematics for the student who plans to teach in the elementary school. Mathematics foundations, the number systems, and different methods of calculation will be dealt with. Time will also be spent in dealing with methods, materials, goals and means of evaluating the teaching of arithmetic in the elementary school.

323 TEACHING READING IN THE ELEMENTARY SCHOOL (4)

This course is designed to cover basic principles involved in the teaching of reading, plus suggested techniques, approaches, and materials to be used in teaching reading in the elementary school. Time will also be devoted to the study of children's literature.

324 TEACHING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL (2)

This course will deal with the principles, techniques, materials and methods of evaluating English grammar and composition, spelling, handwriting, listening and speaking.

325 TEACHING SCIENCES IN THE ELEMENTARY SCHOOL (2)

This course will include the principles and techniques of teaching both the natural sciences and the social sciences in the elementary school.

340 METHODS OF TEACHING BIOLOGY (3)

A review of recent trends in biology teaching. Use of audio-visual materials pertinent to biology, methods of evaluation, laboratory techniques, and textbook evaluations are included. The student will give several class presentations, and observe actual teaching situations.

341 METHODS OF TEACHING CHEMISTRY (3)

Methods of teaching the physical sciences in secondary school, including an introduction to and evaluation of various science course improvement programs.

342 METHODS OF TEACHING ENGLISH (3)

Discussion of a Christian approach to the teaching of English. Methods and approaches to teaching literature, language, and composition, as well as micro-teaching in these areas. Attention paid to lesson, unit, course, and curriculum planning. Use of audio-visual materials included.

343 METHODS OF TEACHING FOREIGN LANGUAGE (3)

Presentation of various methods of teaching foreign languages with an emphasis on the secondary level. Teaching of listening, speaking, reading and writing skills. Teaching pronunciation, morphology, syntax, meaning, vocabulary, culture and literature. Other topics pertaining to the teaching of foreign language, projects and practice are included.

344 METHODS OF TEACHING HISTORY (3)

Discussion of a Christian approach to the teaching of history, emphasis upon current methods of teaching history and consideration of practical suggestions in classroom procedure.

346 METHODS OF TEACHING MATHEMATICS (3)

This course concerns itself with helping prospective teachers of secondary mathematics attain an informed understanding of basic subject matter and the issues which give significant character to its effective teaching.

348 METHODS OF TEACHING IN BUSINESS EDUCATION (3)

This course will be concerned with the role of business education in the curriculum, current concerns in business education, the development of methods and materials appropriate to courses which may be taught in secondary and higher education.

364 PRINCIPLES OF EDUCATION (3)

Development of a Biblical philosophy of education, with special emphasis on the application of this philosophy to the major problems of the present day educational system. Required readings will focus on critical examination of similar and conflicting philosophies of education.

372 PRACTICE TEACHING – ELEMENTARY (9)

This course is designed to permit students who have attained a senior status and who have completed the stipulated requirements for student teaching to participate in actual classroom situations. Students will be working with qualified teachers in the elementary schools. The student will spend the entire day in the school so that he will observe and preview a complete day's program. The program will consist of observation, participation, and actual teaching.

374 PRACTICE TEACHING—SECONDARY (9)

Same as above, except observation, participation and actual teaching will be done in the secondary schools.

Engineering Drawing

101 ENGINEERING DRAWING (3)

Orthographic projections, auxiliary views, sectioning, dimensioning, isometric and oblique drawing. Six hours of drawing per week.

102 DESCRIPTIVE GEOMETRY (3)

Development of space perception through a study of spatial and geometric relationships of points, lines, surface, and solids using primary and secondary auxiliary views. Graphic solutions of engineering problems.



English

SECONDARY EDUCATION

Major—Eng. 201-202; Eng. 301 or 302; two courses from Eng. 313-317; Eng. 390; a minimum of two additional 300 level courses in English; two additional courses from Linguistics 201 and English courses beyond English 200.

Cognates—Select five courses from one or two areas:

1. History: Hist. 101, 102, 201, 202, 301, 302; Music 207, 208.
2. Speech: Speech 101, 204, 211; two courses from Speech 221, 303, 311, 330.
3. Speech-Drama: Speech 101, 211, 330; two courses from Drama 361, 363, 364.
4. Library Science: Any courses in Library Science.
5. Fine Arts: Advanced foreign language courses; Phil. 306; Music 301, 302.
6. Philosophy: Phil. 201, 306; three courses from Phil. 301, 302, 303, 307, 312.

GENERAL

Major—Eng. 201-202 or 207-208; two courses from Eng. 313-317; a minimum of three additional courses at the 300 level; three additional courses in English at any level.

Cognates—Select five courses from one or two areas:

1. History: Hist. 101, 102, 201, 202, 301, 302; Music 207, 208.
2. Speech: Any courses in speech.
3. Library Science: Any courses in Library Science.
4. Fine Arts: Advanced foreign language courses; Phil. 306; Music 301, 302.
5. Philosophy: Phil. 201, 306; three courses from Phil. 301, 302, 303, 307, 312.

101 BASIC WRITING SKILLS (4)

The course is designed to increase a student's clarity and critical perception in writing. Reading and formal exercises in writing; mass lectures, writing workshops, student discussion and evaluation of written work.

200 INTRODUCTION TO LITERATURE (3)

The course is a study of literature with an emphasis on close reading and analysis of literature in its various forms.

201 AMERICAN LITERATURE (3)

Selected American prose and poetry of the Puritans and the Freedom Writers will be studied. Also an extensive study of the American Romantics: Poe, Hawthorne, Emerson, and Whitman. The course will end with the post-romantic, Emily Dickinson.

202 AMERICAN LITERATURE (3)

The study of local colorism, the rise of realism, and of naturalism in literature. Representative fiction writers include Twain, Howells, James, Crane, Dreiser, Hemingway; representative poets include Eliot, Cummings, Frost, Robinson, Stevens.

207 WORLD LITERATURE (3)

The course is a comparative analysis and evaluation of structure and statement in works of Homer, Aeschylus, Augustine, Dante, Milton, Goethe, and others.

208 WORLD LITERATURE (3)

Continuing study of metaphorical mode and religious meaning in works of Moliere, Voltaire, Balzac, Dostoevski, Ibsen, Kafka, Sartre, Camus, and others.

221 THE SHORT STORY (3)

The course is designed to study the historical development of the short story, its themes and techniques. American, British and Continental writers will be studied. Lectures, discussions and one critical paper.

222 THEMATIC APPROACHES TO LITERATURE (3)

A study of selected themes as they have been developed through literature from its beginning to the present.

301 ADVANCED EXPOSITORY WRITING (3)

Discussion, composition and workshop criticism of essays, articles, reviews and other forms of expository discourse.

302 IMAGINATIVE WRITING (3)

With the workshop serving as the basic format, this course will consist of the critical examination and student writing and evaluation of various types of poetry and the short story.

312 SHAKESPEARE AND ELIZABETHAN DRAMA (3)

Primary emphasis on a study of Shakespeare's plays: comedies, histories, and tragedies. Some attention to Shakespeare's sonnets, to other Elizabethan playwrights, and to background. Two papers.

313 MEDIEVAL AND RENAISSANCE LITERATURE (3)

This course is designed to study the beginnings and development of English literature. Special emphasis will be placed on Beowulf, Chaucer and Milton in addition to Sidney, Spenser, Marlowe and others.

314 SEVENTEENTH CENTURY LITERATURE (3)

This course is designed to be a discussion of the two major streams of poetry represented by Donne and Jonson with emphasis on the metaphysicals. The poetry of Herbert, Carshaw, Vaughan, Lovelace, Herrick, Suckling and Marvell and some of the prose of the period will be included.

315 ENGLISH WRITERS 1600 - 1800 (3)

Study of the effects of enlightenment thought on the poetry of Dryden and Pope, on the prose of Swift and Johnson, and the essays, poems, and dramas of several other authors.

316 THE AGE OF WORDSWORTH (3).

The spirit of Romanticism and its embodiment in the major verse and critical prose of Wordsworth and his leading contemporaries.

317 VICTORIAN LITERATURE (3).

Poetry and some prose. Emphasis on Tennyson, Browning, Arnold; the Pre-Raphaelites, the later Victorian, ending with Hardy and Housman. Lectures, discussions, papers.

318 MODERN ENGLISH AND AMERICAN LITERATURE (3).

The course is a study of form and content in the works of several contemporary poets and authors such as Yeats, Auden, Eberhart, Wilbur, Paton, Joyce, Baldwin, and Updike.

321 THE AMERICAN NOVEL (3)

This course is a study of the American novel beginning with Charles Brockden Brown and extending through the nineteenth and twentieth centuries. Such authors as Hawthorne, Melville, Crane, Lewis, Hemingway, Faulkner, and Steinbeck will be studied. Lectures, discussions, papers.

322 THE ENGLISH NOVEL (3)

This course is designed to study the beginnings of the English novel as evidenced by the work of Defoe, Richardson, and Fielding followed by a survey of Victorian and Edwardian novels. Lectures, discussions, papers.

333 HISTORY AND THEORY OF LITERARY CRITICISM (3)

The course is an analytical review and critique of literary critical writings, with the ultimate aim of developing a Christian approach to literature.

390 INDEPENDENT STUDY (3)

This course is open to junior and senior English majors who have completed a minimum of six English courses applicable to the major. Upon consultation with a faculty advisor, the student will select a study project in English and submit a single page proposal to the head of the department for approval. The course may include a research paper, an oral exam by two or more faculty members, or participation and attendance in activities which will support and contribute to the study project.

Geography

201 PRINCIPLES OF GEOGRAPHY (3)

An introductory course in college geography dealing with basic ideas and supporting facts about contemporary world geography. Major regions of the world will be surveyed as to their geographical characteristics and world importance.

German

SECONDARY EDUCATION

Major—German 201, 202, 206, 301, 302, 317, and four elective courses. Four one hour courses in conversation or composition are required; we recommend that German majors take one of these each semester beginning at the sophomore level.

Cognate—Five courses from the humanities and/or history. Under humanities are: other foreign languages, philosophy, theology, English, art, music, speech, drama, and linguistics. The five courses may be taken from various departments or they may be a concentration of courses in one department.

NOTE:

1. German 101 or 102, if necessary, will be in addition to the above courses.
2. Students who begin the program beyond the 201 level will take an additional course from any of the approved cognate areas, so that the major and cognate work will total 15 courses.



GENERAL

Major—German 201, 202, 206, 301, 302, 371 and four elective courses. Four one hour courses in conversation or composition are required; we recommend that German majors take one of these each semester beginning at the sophomore level.

Cognate—Five courses from the humanities and/or history. Under humanities are: other foreign languages, philosophy, theology, English, art, music, speech, drama, and linguistics. The five courses may be taken from various departments or they may be a concentration of courses in one department.

NOTE:

1. German 101 or 102, if necessary, will be in addition to the above courses.
2. Students who begin the program beyond the 201 level will take an additional course from any of the approved cognate areas, so that the major and cognate work will total 15 courses.

101 ELEMENTARY GERMAN (4)

Emphasis on the basic structure of the language, core vocabulary and pronunciation. Assigned work in the language laboratory.

102 ELEMENTARY GERMAN (4)

Continuation of German 101. Additional emphasis on reading.

201 INTERMEDIATE GERMAN (4)

A structural review, work in vocabulary building and selected collateral reading and listening; with added attention given to the nature of language.

202 LITERARY AND CULTURAL READINGS (3)

This course is designed to develop the reading skill and an appreciation for German culture and literature. Emphasis upon contemporary literature. Prerequisite: German 201 or its equivalent.

203 CULTURAL AND SCIENTIFIC READINGS (3)

The primary goal of the course is to develop the reading skill. In addition to cultural and scientific readings, reading assignments will be given in academic areas of interest to the students. Prerequisite: German 201 or its equivalent.

301 GERMAN LINGUISTICS (3)

An introduction to linguistics with special emphasis on German phonology and morphology. Primarily designed for future teachers of German.

302 ADVANCED GERMAN GRAMMAR (3)

This course is designed especially for those who will be teaching the language or who desire a better understanding of the structure of the language. The scope of grammar will be approached systematically. Prerequisite: German 201 or its equivalent.

CONVERSATION AND COMPOSITION PROGRAM

These courses are not open to freshmen. Any interested students may take these courses. We recommend these courses to German majors (see the requirements of the General and Secondary Education German majors). Departmental advice will be given as to which course will be most beneficial to the student. Class and study time will involve three hours of work a week. The general prerequisite is German 102 or its equivalent.

207 PRONUNCIATION AND GEOGRAPHY (1)

208 CONVERSATION: CULTURAL TOPICS (1)

209 CONVERSATION: CULTURAL TOPICS AND NEWS ARTICLES (1)

307 CONVERSATION: LITERARY TOPICS (1)

308 CONVERSATION: LITERARY TOPICS (1)

310 COMPOSITION (1)

CORE LITERATURE COURSES

These courses are designed to acquaint the student with the development of German literature from the earliest records to the present. Significant works of each period are studied intensively and related to their historical and philosophical context. Prerequisite: German 202 or its equivalent.

303 GERMAN LITERATURE BEFORE 1770 (3)

304 LITERATURE OF CLASSICISM AND ROMANTICISM: 1770 - 1830 (3)

305 THE RISE AND DEVELOPMENT OF REALISM: 1830 - 1890 (3)

306 CONTEMPORARY GERMAN LITERATURE: 1890 TO THE PRESENT (3)

307 CONVERSATION ON LITERARY TOPICS (1)

308 CONVERSATION ON LITERARY TOPICS (1)

309 COMPOSITION (1)

310 COMPOSITION (1)

315 GERMAN STUDIES (3)

The content of the course is topical from the areas of literature, advanced language studies, or culture. The offering of the course as well as the content will reflect student demand and need. Prerequisite: Departmental approval.

316 GERMAN STUDIES (3)

The content of the course is topical from the areas of literature, advanced language studies, or culture. The offering of the course as well as the content will reflect student demand and need. Prerequisite: Departmental approval.

317 INDEPENDENT STUDY (3)

This course is designed primarily for all German students. Education students will normally enroll in this course during the winter-spring semester of the senior year.* In consultation with a faculty advisor and with the approval of the department, students may select a study project from the area of linguistics, culture, methodology or literature. The German department may also expect the student to attend a series of presentations which show the relationship of language study to the curriculum and to life.

*Exception to this would be for approved work, study, and/or travel programs in Germany, or similar programs. Students with other majors are eligible to enroll if they have the competence to meet the demands of the course. Prerequisite: Departmental approval.

Greek

CLASSICAL LANGUAGES

GENERAL

Major - Cognate combination

1. Five courses from Latin or Greek beyond the 102 level.
2. History 203-204.
3. Four elective courses from:
Phil. 301, 302, Hist. 205, 206, and any courses offered under Classical Studies (Greek 303-308, or Latin 303-308) which do not specifically deal with the language.
4. Four elective courses from:
The ancient languages, modern foreign languages, and linguistics.

101 ELEMENTARY GREEK (4)

Basic structures of the language; relation to Latin and other Indo-European languages. Simple prose readings.

102 ELEMENTARY GREEK (4)

Continuation of Greek 101.

201 INTERMEDIATE GREEK (4)

Comprehensive review with some attention given to the nature of language; selections from Lucian, Herodotus and Xenophon.

202 CULTURAL AND LITERARY READINGS (3)

Readings from Xenophon and Plato. Prerequisite: Greek 201.

301 NEW TESTAMENT GREEK (3)

Reading of the Synoptics, introduction to koine Greek. and vocabulary building.

302 NEW TESTAMENT GREEK (3)

Continuation of 301 with readings from the Epistles of Paul.

303-308 CLASSICAL STUDIES (3)

Courses under this title are designed by the department from year to year to reflect student demand and need. The content of the course will be from the areas of literature, philosophy, theology, archaeology, language and art.

317 INDEPENDENT STUDY (3)

This course is designed primarily for Greek students who can beneficially pursue their studies apart from regular classroom work. The nature of the work for independent study must be approved by the department; depending on the content, the course may be applied to 1, 3, or 4 (above). Students with other majors are eligible to enroll if they have the competence to meet the demands of the course. Prerequisite: Departmental approval.

318 INDEPENDENT STUDY (3)

Same description as 317.

History

SECONDARY EDUCATION

Major—History 101-102, 201-202, 326; two courses from History 305, 309, 311, 312; three elective courses in history.

Cognates—Select one area

1. Political History: Two courses from political science and three courses from geography and/or political science.
2. Economic History: Econ. 201-202; three elective courses from Bus. Ad. 101, 301, 302, and economics.
3. Social History: Soc. 201-202; three elective courses from Psych. 201, 210, 310 and sociology.
4. Intellectual History: Phil. 201; four courses from philosophy (other than 202) and Theology 301.
5. Cultural History: Phil. 306, four courses from Music 207, 208, 301, 302, 303; Drama 361.
6. Humanities: Eng. 201-202 or 207-208; three elective courses in one department from Eng. 312, 313, 314, 315, 316, 317, 318, and 321; German 202, 303, 304, 305, 306, 314, 315, 316; Latin 301, 302, 305, 306.
7. Social Studies: Two courses from two departments (Economics, Political Science, Sociology); and one course from Geography or the department not selected above.

101 GROWTH OF WESTERN CIVILIZATION (3)

A survey of Western Cultural development from its inception in the Near East, through Greece and Rome, the Early Church, the Renaissance and the Reformation.

102 GROWTH OF WESTERN CIVILIZATION (3)

Continuation of History 101. A survey of the dominant influences in Western Culture from the Reformation down to the present. The practical and ideological conflicts associated with the Enlightenment, the French Revolution and subsequent periods of war and peace.

201 AMERICAN HISTORY (3)

Colonization and its antecedents, the Revolution and the development of nationalism, westward expansion, Jacksonian Democracy, the rise of sectionalism, the slavery controversy and the Civil War.

GENERAL

Major—History 101-102, 201-202 and six elective courses in history.

Cognates—Select one area

1. Political History: Two courses from political science and three courses from geography and/or political science.
2. Economic History: Econ. 201-202; three elective courses from Bus. Ad. 101, 301, 302, and economics.
3. Social History: Soc. 201-202; three elective courses from Psych. 201, 210, 310 and sociology.
4. Intellectual History: Phil. 201; four courses from philosophy (other than 202) and Theology 301.
5. Cultural History: Phil. 306; four courses from Music 207, 208, 301, 302, 303; Drama 361.
6. Humanities: Eng. 201-202 or 207-208; three selective courses in one department from Eng. 312, 313, 314, 315, 316, 317, 318, and 321; German 202, 303, 304, 305, 306, 314, 315, 316; Latin 301, 302, 305, 306.
7. Social Studies: Two courses from two departments (Economics, Political Science, Sociology); and one course from Geography or the department not selected.

202 AMERICAN HISTORY (3)

Continuation of History 201. Reconstruction era, the problems of industrialization, the farm revolt, politics of the Gilded Age, the reform movement, the politics of prosperity and of depression, the United States as a great power and the United States as leader of the Free World.

203 HISTORY OF ANCIENT GREECE (3)

The history of the Greeks from their migration into Greece to their conquest by Rome. Special attention is given to the development of Hellenic culture and its influence in the Hellenistic Age.

204 HISTORY OF ANCIENT ROME (3)

The history of Rome from its settlement to the end of the Empire in the West. Special attention is given to the development of the Constitution, the transition to Empire.

205 MEDIEVAL EUROPE (3)

History of Europe from the height of the Roman Empire in the second century to the end of the twelfth century. The decline of the Roman empire, the rise of Islam and the development of Medieval institutions will be emphasized.

206 MEDIEVAL EUROPE (3)

Continuation of History 205. History of Europe to 1500. Study of the rise of cities, the Italian Renaissance, political and religious developments preceding the Reformation.

207 EARLY MODERN EUROPE TO 1689 (3)

History of the Reformation and its effects, including the religious wars of the 16th and 17th centuries, rise of Spain and Philip II, rise of France through Louis XIV, Tudor and Stuart England and the revolutions of the 17th century.

208 EARLY MODERN EUROPE 1689-1815 (3)

Continuation of History 207. Growth of overseas empires, rise of Russia and Prussia, eighteenth century England, the Enlightenment, French Revolution and the age of Napoleon.

209 EUROPE SINCE 1815 (3)

History of Western Europe from the Congress of Vienna to the end of the nineteenth century. Emphasis will be placed upon political, cultural and social factors that influenced the course of European history in the nineteenth century. Attention will also be given to the men who helped to make history such as Metternich, Cavour, and Bismarck.

210 EUROPE SINCE 1815 (3)

Continuation of History 209. History of Western Europe from the beginning of the twentieth century to the present time. Emphasis will be placed upon such matters as the underlying causes of World War I, the political, social and cultural upheavals between the wars and the problems which face present-day Europe.

301 ENGLAND TO 1783 (3)

Development of English life and institutions from recorded beginnings to 1714. Special emphasis on Tudor and Stuart times. Prerequisite: Junior or senior standing.

302 ENGLAND FROM 1783 TO THE PRESENT (3)

Continuation of History 301. The Hanoverian period to the present. Prerequisite: History 301 or permission of instructor.

303 MODERN RUSSIA (3)

Russia since the Congress of Vienna. A study of Russian history during the nineteenth century leading to the revolutions of 1917. Examination of the Soviet system as it has evolved from 1917 to the present. Study of the Soviet Union as a world power. Prerequisite: Junior or senior standing.

305 AMERICAN PROBLEMS (3)

A course designed to pursue in depth domestic relations that have had an important bearing upon the course of American history. The approach will be a combination of lectures, discussions and reports emphasizing especially the historiographical material pertinent to each issue studied. Prerequisite: History 201-202.

307 HISTORIOGRAPHY (3)

This course concerns itself with the nature and meaning of history and the nature of the historian's task and responsibility.

There will be an emphasis upon review and evaluation of the various schools of history and of the philosophies of leading historians. Prerequisites: History 101-102, 201-202. Recommended for the senior year.

309 ECONOMIC HISTORY OF THE U.S. (3)

See Economics 309. This course may be taken for either history or economics credit. Prerequisite: Permission of instructor.

311 AMERICAN FOREIGN RELATIONS (3)

A study of the foreign relations of the United States from the birth of the Republic to approximately 1890, emphasizing the major traditions, concerns, and issues of American foreign policy of the period. Prerequisite: History 201-202.

312 AMERICAN FOREIGN RELATIONS (3)

Continuation of History 311. A study of the foreign relations of the United States from approximately 1890 to the present, concentrating on overseas expansion, the two World Wars, and the Cold War. Prerequisite: History 201-202.

326 INDEPENDENT STUDY (3)

This course is designed primarily for second semester history majors in secondary education. Actual work will begin upon return from practice teaching and will consist chiefly of concentrated readings and/or reports of monographs in an area of history normally offered by the history department. In conjunction with his advisor, the student will consult with the appropriate history faculty member to establish course requirements.

Latin

CLASSICAL LANGUAGES GENERAL AND SECONDARY EDUCATION

Major - Cognate combination

1. Five courses from Latin* or Greek beyond the 102 level.
2. History 203-204.
3. Four elective courses from:
Phil. 301, 302, Hist. 205, 206, and any courses offered under Classical Studies (Greek 303-308, or Latin 303-308) which do not specifically deal with the language.
4. Four elective courses from:
the ancient languages, modern foreign languages, and linguistics.

*Secondary Education students should select Latin.

101 ELEMENTARY LATIN (4)

The basic structures of Latin; introductory prose readings.

102 ELEMENTARY LATIN (4)

Continuation of Latin 101.

201 INTERMEDIATE LATIN (4)

Continued work in basic skills, stress on vocabulary. Reading of classical prose, some attention given to the nature of language and the relation of Latin to English and the Romance languages.

202 READINGS IN PROSE AND POETRY (3)

Reading in Latin prose authors and an introduction to Latin poetry with selections from Vergil's "Aeneid".

301 MAJOR LATIN AUTHORS (3)

Survey of Latin Literature: selected readings of prose and poetry from the earliest times through the Golden Age.

302 MAJOR LATIN AUTHORS (3)

Survey of Latin Literature: selected readings of prose and poetry from the Golden Age through the Church Fathers.

303 - 308 CLASSICAL STUDIES (3)

Courses under this title are designed by the department from year to year to reflect student demand and need. The content of the course will be from the areas of literature, philosophy, theology, archaeology, language, and art.

317 INDEPENDENT STUDY (3)

This course is designed primarily for Latin students who can beneficially pursue their studies apart from regular classroom work. The nature of the work for independent study must be approved by the department; depending on the content, the course may be applied to 1, 3, or 4 (above). Students with other majors are eligible to enroll if they have the competence to meet the demands of the course. Prerequisite: Departmental approval.

318 INDEPENDENT STUDY (3)

This course is designed primarily for Latin students who can beneficially pursue their studies apart from regular classroom work. The nature of the work for independent study must be approved by the department; depending on the content, the course may be applied to 1, 3, or 4 (above). Students with other majors are eligible to enroll if they have the competence to meet the demands of the course. Prerequisite: Departmental approval.

Library Science

201 LIBRARY ORGANIZATION AND ADMINISTRATION (3)

A study of the basic principles in the organization and administration of a school library including the technical and educational duties of the school librarian.

202 BOOK SELECTION (3)

An introduction to book reviewing mediums, selection aids, bibliographies and other tools essential to materials acquisition for a school library. Includes analysis of the criteria for book selection on the basis of the objectives for Christian education.

203 REFERENCE AND BIBLIOGRAPHY (3)

The content and use of basic reference sources including dictionaries, encyclopedias, almanacs, periodical indexes and bibliographies will be explored. Emphasis will be on the application of these sources to aid in college assignments as well as the teaching of the basic reference skills to others.

204 CATALOGING AND CLASSIFICATION (3)

Fundamental principles and practical problems in classification, cataloging, and processing of materials applicable to the school library situation.

205 CHILDREN'S READING MATERIAL (3)

A reading and examination of a wide selection of children's books (approximately 55) and magazines useful in enriching the subject areas of the elementary school curriculum and in providing good reading habits. Criteria for judging such material will also be considered. Practice in story telling and similar activities related to the librarian and elementary teacher's use of children's literature in the library and classroom.

206 ADOLESCENT READING INTERESTS (3)

A reading and examination of a wide selection of books (approximately 50) that could be used on the junior and senior high school level with criteria for judging such material. An introduction to different approaches for outside and in-class reading, and the planning of a thematic unit on the adolescent level.

301 - 302 INDEPENDENT LIBRARY PROJECT (1 - 2)

A planned program of practical library experience or of basic library research, readings, or special projects centering around a topic of interest to the student. Prerequisite: Library Science 201, 202, 203, 204. The credit hours and course projects are to be arranged with the library science instructor.

Linguistics

201 GENERAL LINGUISTICS (3)

Various approaches to language are defined and differentiated. An analysis of the structure of language is made. This course is designed for those who are interested in an introduction to linguistic studies and the application of linguistics to current language programs in the schools. Prerequisite: English 101 and Foreign Language 102.

Mathematics

SECONDARY EDUCATION

Major—Math. 112, 113, 202, 203, 304, 311, 350, and three math electives numbered 200 or above. Math 350 should be considered the course to be taken in the professional semester (second semester of the senior year).

Cognates—Select one area

1. Biology: Bio. 115, 122, 213 and two elective courses in biology.
2. Chemistry: Chem. 103-104 and three elective courses in chemistry.
3. Physics: Physics 201-202 and three elective courses in physics.

GENERAL

Major—Math. 112, 113, 202, 203, 304, 305, 311, 312, and two math electives numbered 200 or above.

Cognates—Select one area

1. Biology: Bio. 115, 122, 213, and two elective courses in biology.
2. Business Administration: Bus. Ad. 201-202, 310 and two elective courses in business administration.
3. Chemistry: Chem. 103-104 and three elective courses in chemistry.
4. Economics: Econ. 201, 202, 303, and two elective courses in economics.
5. Philosophy: Phil. 201, 202, 303 and two elective courses in philosophy.
6. Physics: Physics 201-202 and three elective courses in physics.

106 ELEMENTS OF MATHEMATICS (3)

This course is intended to introduce the student to some current applications and methods of mathematics. The topics studied include a brief look at linear programming, probability, matrices, game theory, the mathematics of management, and the computer.

107 ELEMENTARY STATISTICS (3)

An elementary course in probability theory, statistical techniques and methods and the application of these techniques to a variety of fields.

110 COLLEGE ALGEBRA (3)

This course covers standard topics in college algebra. The study of functions and functional notation is emphasized in preparation for the calculus. Prerequisite: Three semesters of high school algebra.

112 ANALYTIC GEOMETRY AND CALCULUS (4)

A review of analytic geometry and an introduction to the basic concepts of calculus: limits, derivatives, integrals, differentiation and integration, and applications. Prerequisite: Mathematics 110 or equivalent.

113 CALCULUS AND ANALYTIC GEOMETRY (4)

Continuation of Mathematics 112; a study of the definite integral, formal differentiation and integration, transcendental functions, sequences, series and applications. Prerequisite: Mathematics 112.

202 CALCULUS (5)

A study of some of the basic theorems of calculus, functions of more than one variable, vectors, other coordinate systems, solid analytic geometry, partial differentiation, multiple integration and applications. Prerequisite: Mathematics 113

203 ELEMENTARY LINEAR ALGEBRA (3)

A study of n-dimensional vector spaces, linear transformations, matrices and determinants with particular emphasis on their applications in other areas.

204 DIFFERENTIAL EQUATIONS (3)

An introduction to the theory and techniques of solving elementary differential equations and the use of these techniques in applied problems.

206 STATISTICAL METHODS (3)

An introduction to the basic concepts of the techniques of statistical analysis; the mathematical development of these techniques and their application to data analysis.

207 NUMBER THEORY (3)

An introduction to number theory including congruences, residues, Diophantine equations, prime numbers and their distribution and properties of number-theoretic functions.

208 MODERN GEOMETRY (3)

A study of the basic concepts of euclidean, non-euclidean, finite and projective geometries. Prerequisite: Mathematics 113.

210 HISTORY OF MATHEMATICE (3)

A study of the history of the development of basic mathematical concepts, the various views of mathematics and the schools of mathematical thought. Prerequisite: Mathematics 113.

304 LINEAR ALGEBRA (3)

A study of vector spaces, linear transformations, matrices and linear systems. Prerequisite: Mathematics 202.

305 ELEMENTS OF ABSTRACT ALGEBRA (3)

An introduction to algebraic structures: groups, rings, integral domains and fields. Prerequisite: Mathematics 202.

309 PROBABILITY THEORY (3)

An introduction to classical and measure theoretic foundations of probability; random variables, distribution functions, moments and central limit problems. Prerequisite: Mathematics 202.

311 ADVANCED CALCULUS I (3)

A rigorous study of functions of one and several variables, limits, continuity, differentiation, sequences, series, mappings and transformations. Prerequisite: Mathematics 202.

312 ADVANCED CALCULUS II (3)

Continuation of Mathematics 311. A rigorous study of the theory of integration; the line and surface integrals and infinite series of functions. Prerequisite: Mathematics 311.

315 COMPLEX ANALYSIS (3)

A study of the complex number field, functions of complex numbers, integration, differentiation, power series, residues and poles and conformal mappings. Prerequisite: Mathematics 202.

316 NUMERICAL ANALYSIS (3)

A study of numerical methods for integration and differentiation, error analysis, calculus of finite differences and applications of numerical methods to matrix algebra. Prerequisite: Mathematics 202.

317 TOPOLOGY (3)

The definition and study of various topologies and their applications in real analysis. Includes the following topics: bases, subbases, connectedness, compactness, completeness, and separation.

350 INDEPENDENT STUDY (3)

An individually structured course designed to investigate in some detail a topic selected by the student from a list of department approved topics. The student will present the work for this course by means of a scholarly paper.

Music

SECONDARY EDUCATION

Major—Music 103-104, 203, 207-208, 305, 307 or 308 or 310; 309, 313, 314, 315; six hours of choir and/or band; six hours of private lessons.

Cognates—Four courses from Ed. 301, Phil. 306, Psych. 302, Soc. 210, Drama 262, 361.

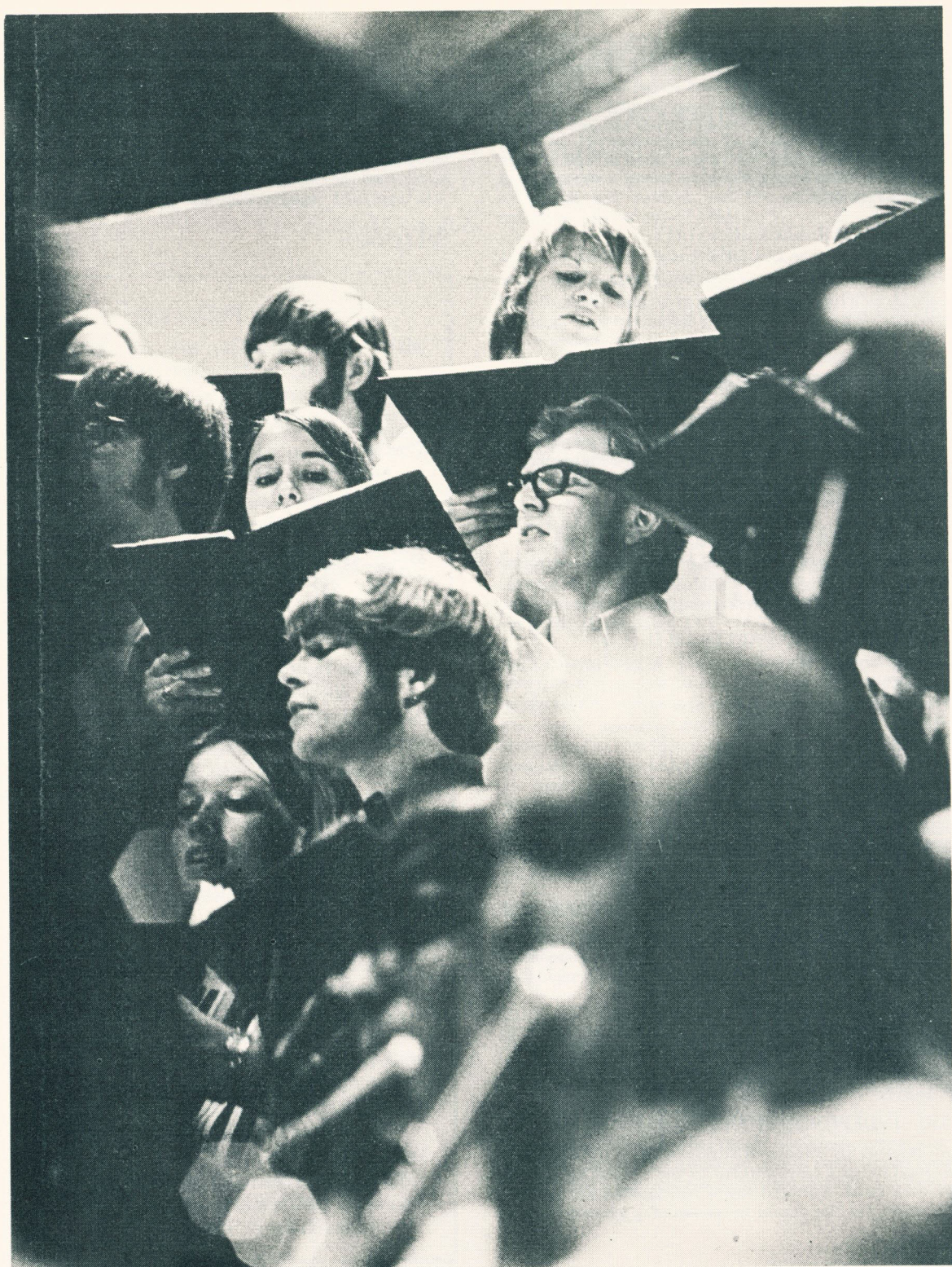
GENERAL

Major—Music 103-104, 203, 207-208, 307, 308, 309, 315; two elective courses in music; six hours of choir and/or band; four to six hours of private lessons.

Cognates—Four courses from English or foreign literature, history, Phil. 306, Sp. 201, theology, psychology.

NOTE: The two elective courses in music the choir and/or band, and the private lessons should be selected to meet special interests as follows:

1. History-Literature: Music 310; one elective course in music; six hours of choir and/or band; six hours of private lessons.
2. Theory-Composition: Music 305, 310; six hours of choir and/or band; six hours of private lessons.
3. Organ: Music 310 (to be substituted for Music 308); Music 360-361; six hours of choir and/or band; four to six hours of private organ.
4. Piano: Music 350-351; six hours of choir and/or band; four to six hours of private piano.
5. Voice: Music 340-341; six hours of choir and/or band; four to six hours of private voice.



103 MUSIC THEORY (3)

A composite course of study in theory involving the structure of scales, intervals, chords, cadences; sight-singing and melodic, harmonic and rhythmic dictation.

104 MUSIC THEORY (3)

Continuation of Music 103.

108 MUSIC LITERATURE (3)

A general course designed to develop intelligent discrimination in the listener. Basic elements and vocabulary, structural principles and aesthetic content of music with reference to the various forms and styles will be considered. Listening will be stressed. Not open to music majors or minors.

203 THEORY, ADVANCED (3)

The study of altered chords and ninth, eleventh and thirteenth chords. Contemporary theories and compositional practices with some actual composing. Meets four times per week.

207 MUSIC HISTORY (3)

The development of the art of music, showing the cumulative values of music progress through the great epochs in history and the relationship of music to the political, economic and cultural conditions of these areas.

208 MUSIC HISTORY (3)

Continuation of music 207.

302 MUSIC LITERATURE (3)

A course designed to further promote the development of meaningful listening experiences. A wide variety of musical styles will be presented.

305 ARRANGING (3)

A detailed study of orchestral, band and choral arranging.

307 COMPOSITION (3)

A study of compositional methods, with an emphasis on contemporary techniques.

308 MUSIC LITERATURE (3)

This course is designed for the music major, but open to the non-major by consent of the instructor. Intensive and extensive listening will be required. A basic repertory background in several media will be explored. The compositions will be examined and discussed in terms of salient style features and form. Individual projects will be assigned.

309 FORM AND ANALYSIS (3)

A practical and analytical course in the structure of music forms.

310 CHURCH MUSIC (3)

A study of Christian Hymnology and Psalmody from ancient times to the present and its relation to liturgy and worship. Lectures, papers and discussions. No prerequisite.

311 MATERIALS OF ELEMENTARY MUSIC EDUCATION (4)

A course designed to provide background skills and materials in music necessary for the prospective elementary teacher.

313 TEACHING MUSIC IN THE ELEMENTARY SCHOOL (3)

The course is designed to provide a detailed study of past and present methods of music education in the elementary school.

314 TEACHING MUSIC IN THE SECONDARY SCHOOL (3)

Teaching techniques and materials for the secondary music teacher.

315 CONDUCTING (3)

A study of choral and instrumental conducting with corresponding literature. Meets three times per week.

340 ADVANCED VOICE STUDY (3)

Advanced voice pedagogy and literature.

341 ADVANCED VOICE STUDY (3)

Continuation of Music 340.

350 ADVANCED PIANO STUDY (3)

Advanced piano literature and recital preparation.

351 ADVANCED PIANO STUDY (3)

Continuation of Music 350.

360 ADVANCED ORGAN STUDY (3)

Advanced organ literature and recital preparation.

361 ADVANCED ORGAN STUDY (3)

Continuation of Music 360.

APPLIED MUSIC

- 10, 20, 30, 40, 50, 60, 70, 80. CHORALE (1)
- 11, 21, 31, 41, 51, 61, 71, 81. CONCERT BAND (1)
- 12, 22, 32, 42, 52, 62, 72, 82. CONCERT CHOIR (1)
- 13, 23, 33, 43, 53, 63, 73, 83. INSTRUMENTS (1)
- 14, 24, 34, 44, 54, 64, 74, 84. VOICE (1)
- 15, 25, 35, 45, 55, 65, 75, 85. PIANO (1)
- 16, 26, 36, 46, 56, 66, 76, 86. ORGAN (1)

Philosophy

GENERAL

Major—Phil. 201, 301, 302, 303, 307, or 312, and five elective courses in philosophy.

Cognates—Select one area

1. Fine Arts: Five courses in any one of the following: Art, English, or Foreign Language Literature or Music or any combination in the foregoing.
2. Languages: The course in Linguistics to be taken as a basic requirement in this cognate area with four courses chosen from one language. Selection of the language should be made on the basis of the student's particular philosophical interests. For example, if the student wishes to concentrate on Ancient Philosophy then Greek should be selected, for Medieval Philosophy Latin should be selected, and for Modern Philosophy German should be selected.
3. Psychology-Theology: Five courses in Psychology or three in Psychology plus Theology 201 and Theology 301.
4. Science-Mathematics: Five courses in any one of the following: Astronomy, Biology, Chemistry, Mathematics or Physics or any combination in the foregoing.
5. Social Sciences: Five courses in any one of the following: Economics, History, Political Science, Sociology or any combination of the foregoing.

201 PERSPECTIVES IN PHILOSOPHY (3)

An introduction to the vocabulary and basic problems of philosophy with special examination of its pretheoretic foundations along with a survey of the basic types.

202 LOGIC (3)

An introduction to the principles of right reasoning with work in both the deductive and inductive methods of logic.

301 ANCIENT PHILOSOPHY (3)

A historical survey of philosophical problems and movements from the early Greeks through Neoplatonism.

302 MEDIEVAL PHILOSOPHY (3)

A historical survey of philosophical problems and movements beginning with the Patristics to the end of the fifteenth century.

303 MODERN PHILOSOPHY (3)

A historical survey of philosophical problems and movements from the end of the fifteenth century to the beginning of the nineteenth century. Readings in primary sources and a research paper.

305 ETHICS (3)

Introduction to the basic types of ethical theory as they have come to expression in Western thought.

306 AESTHETICS (3)

A study of general aesthetic theory, its application to the various art forms and the relation of aesthetic values to other values, particularly moral values.

307 CONTEMPORARY EUROPEAN PHILOSOPHY (3)

An historical survey of the philosophical problems and movements in Europe from the beginning of the nineteenth century to the present. Readings in primary sources and a research paper.

309 HISTORY AND DEVELOPMENT OF CHRISTIAN PHILOSOPHY (3)

Analysis of the development of Reformational Philosophy within the context of the history of Western thought, particularly since the Reformation. Prerequisite: Philosophy 201. Philosophy majors should complete the history of philosophy sequence before taking Philosophy 309.

310 SYSTEMATICS OF CHRISTIAN PHILOSOPHY (3)

A study in depth of selected topics in the systematics of Christian philosophy with emphasis on the contributions of Dooyeweerd and Vollenhoven. Specific attention will be given to the confrontation of Christian thought with some of the most influential non-Christian systems.

311 HISTORIOGRAPHY (3)

This course concerns itself with the nature and meaning of history and the nature of the historian's task and responsibilities. There will be an emphasis upon review and evaluation of the various schools of history and of the philosophies of leading historians.

312 HISTORY OF AMERICAN PHILOSOPHY (3)

A study of the main movements in American philosophy from the seventeenth century to the present. Selected readings and a research paper relating philosophic influence to some aspect of American life.

Physical Education

GENERAL & SECONDARY EDUCATION

Major—P.E. 201, 203, 204, 205, 207, 208, 209, 304, 305; two elective courses from P.E. 105, 210, 211, 212; beginning swimming or competency.

Cognates—Select one area

1. Communications: Eng. 301; Sp. 204; and two elective courses from Sp. 203, 211, 301, or 302.
2. Biological Science: Bio. 201-202 and two elective courses from Bio. 200, 204, 213, 302, and Psych. 207.
3. Psychology-Sociology: Psych. 302; Soc. 210; and two elective courses from Psych. 303, Soc. 201, 202, 205, Ed. 301, 302.
4. Physical Sciences: Chem. 201-202; and two elective courses from Chem. 205, Physics 115-116, Math. 206.
5. Interdisciplinary: Elect four courses from Soc. 205, B.A. 201, 205, Drama 262, Music 311, Art 211.

10 CONTEMPORARY HEALTH PROBLEMS (1) P/F

This course is designed to help students examine contemporary health problems and to consider possible solutions.

11 BEGINNING SWIMMING (Coed) (Cr.)

For non-swimmers. Designed to develop the basic skills and confidence essential to survival and recreational swimming.

12 INTERMEDIATE SWIMMING (Coed) (Cr.)

Improvement of swimming strokes, diving skills and water safety techniques. Preparatory course for lifesaving. (Prerequisite: Beginning Swimming or demonstrated ability.)

13 GOLF-GYMNASTICS (Coed) (Cr.)

Development of skills, techniques and participation in beginning golf and gymnastics. Students pay golf green fees and furnish clubs for playing required rounds on the public course.

14 ARCHERY-GYMNASTICS (Coed) (Cr.)

Development of skills and techniques in archery and gymnastics. Students are to furnish arrows.

15 TRACK-BASKETBALL (Men) (Cr.)

Practice in the fundamental skills, rules interpretation, conditioning and participation in track and basketball.

16 TRACK-BASKETBALL (Women) (Cr.)

Practice in the fundamental skills, rules interpretation, conditioning and participation in track and basketball.

17 VOLLEYBALL-SWIMMER LEVEL SWIMMING (Coed) (Cr.)

Development of skills, techniques and participation in volleyball; improving the individual's understanding and performance in competitive swimming, diving and water games. Prerequisite: Intermediate Swimming, P.E. 12.

18 SOFTBALL-BADMINTON (Men) (Cr.)

Development of skills, knowledge of rules, strategy and participation in softball and badminton for men.

19 SOFTBALL-BADMINTON (Women) (Cr.)

Development of skills, knowledge of rules, strategy and participation in softball and badminton for women.

20 FIELD HOCKEY-BOWLING (Women) (Cr.)

Skills and knowledge in field hockey and bowling necessary for the recreational purposes of the beginner. Students must pay alley fees.

21 SOCCER-BOWLING (Men) (Cr.)

Skills and knowledge in soccer and bowling necessary for the recreational purposes of the beginner. Students must pay lane fees.

22 ADAPTED PHYSICAL EDUCATION (Cr.)

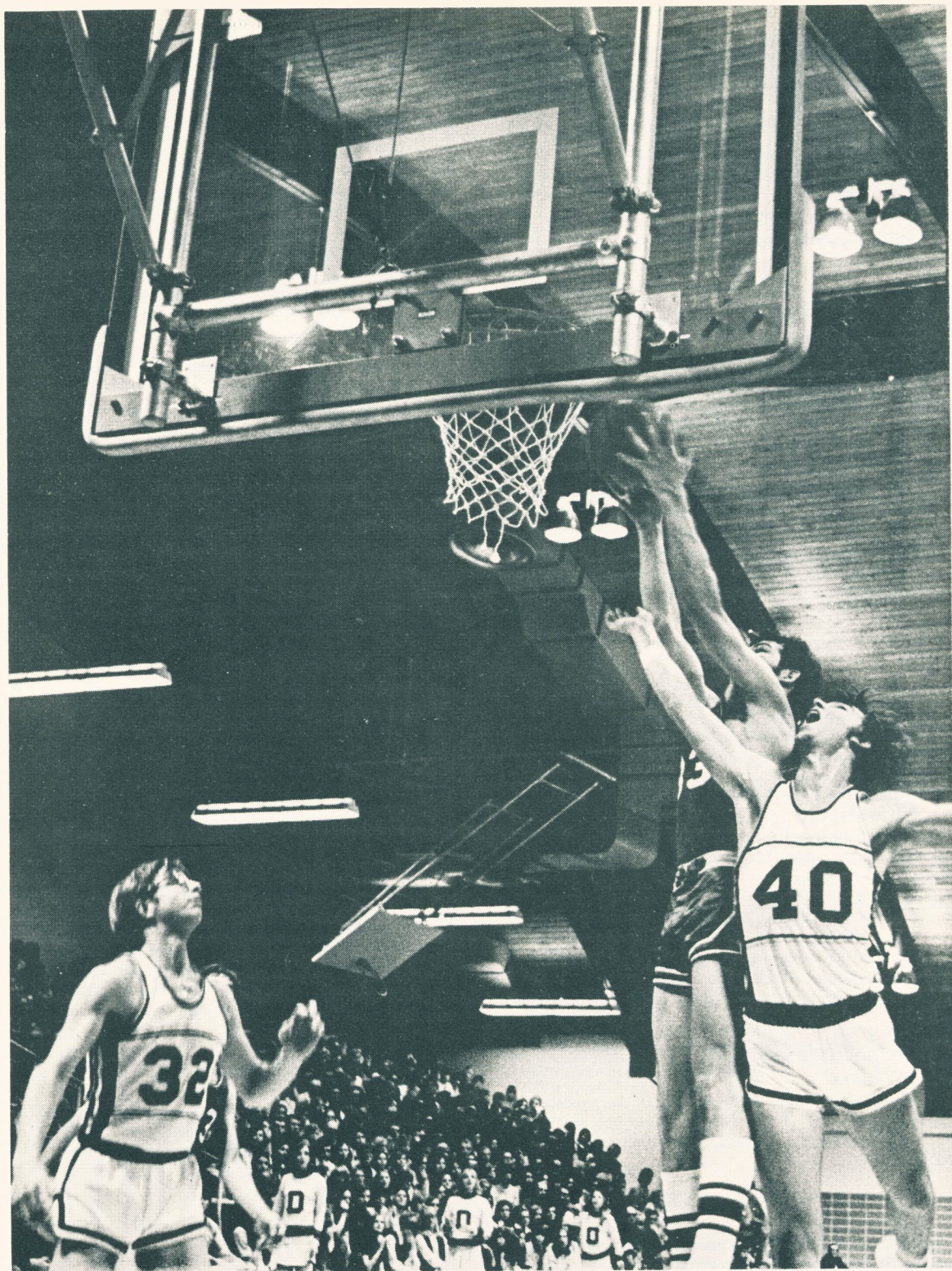
Restricted activity for students with physical disabilities. (Prerequisite: Recommendation by a medical doctor.)

105 ELEMENTARY SCHOOL HEALTH AND PHYSICAL EDUCATION (3)

This course stresses the general background and information needed for formulating and teaching a suitable program in health and physical education for elementary students.

201 INTRODUCTION TO PHYSICAL EDUCATION (3)

Intended to orient the student to professional work in the field of physical education. Acquaints the student with outstanding leaders and their contributions, the history and the changing philosophies of physical education.



203 ANATOMY AND KINESIOLOGY (3)

A study of the skeletal systems, nervous and muscular system with special emphasis on the mechanics of body motion and the relationship of anatomic structure to principles of physical education.

204 PHYSIOLOGY OF PHYSICAL ACTIVITY (3)

A study of muscles, blood, heart, blood vessels, lungs and respiratory mechanism. Detailed study will be focused on the chronic and acute adjustments of these organs to exercise of varying intensities. Prerequisite: Physical Education 203.

205 ORGANIZATION OF PHYSICAL EDUCATION AND INTRAMURALS (3)

This course will provide the student with the necessary background in organizing and administering a desirable curriculum in physical education (elementary through high school) including intramurals.

207 CARE AND PREVENTION OF ATHLETIC INJURIES (3)

A study of accepted methods used to prevent athletic injuries. Instruction in administering first aid practices in emergencies. First semester with an emphasis on the elementary school child, second semester focusing on participants in interscholastic sports. (This course is not open to freshmen.)

208 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION (3)

A study which includes elementary statistical procedures; the preparation and administration of skills, physical fitness, body mechanics, growth, motor ability and written tests; and the use of these and other evaluative materials in the field.

209 PERSONAL AND COMMUNITY HEALTH (3)

A study of the physical, mental and social dynamics of health with attention to the development of wholesome attitudes and habits of living; the recognition of problems requiring group action; and the methods of solving community health problems.

210 COMMUNITY AND SCHOOL RECREATION (3)

The development of the principles; history and philosophy governing recreation in the school and community along with the place of the agencies that are involved in community recreation will be studied.

211 NUTRITION AND PHYSICAL FITNESS (3)

The course is designed to study body needs and processes during exercise. Meal planning, weight control and diets for special conditions will be discussed.

212 FOUNDATIONS OF COACHING (3)

Designed to study the physiological, sociological and and psychological elements in guiding athletes in competitive sports. (open to Junior and Senior P.E. students only)

304M SKILLS AND METHODS IN INDIVIDUAL SPORTS (Men) (3)

Personal participation skills will be developed and a detailed study will be made of teaching methods, rules, and strategy of gymnastics, track-field, and wrestling. (open to professional Physical Education students only)

304W SKILLS AND METHODS IN INDIVIDUAL SPORTS (Women) (3)

Personal participation skills will be developed and a detailed study will be made of teaching methods, rules, and strategy of gymnastics, rhythmic, and track-field. (open only to professional Physical Education students)

305M SKILLS AND METHODS IN TEAM SPORTS (Men) (3)

Personal participation skills will be developed and a detailed study will be made of teaching methods, rules, and strategy of soccer, basketball, and volleyball. (open only to professional Physical Education students)

305W SKILLS AND METHODS IN TEAM SPORTS (Women) (3)

Personal participation skills will be developed and a detailed study will be made of teaching methods, rules, and strategy of field hockey, basketball, and volleyball. (open only to professional Physical Education students)

Physical Science

101 INTRODUCTION TO PHYSICAL SCIENCE (3)

An attempt is made to answer from a Christian point of view the questions most frequently asked by the non-scientist concerning the physical aspects of the world. There are no mathematical or other scientific prerequisites. Meteorology, mechanics, light, electricity, and astronomy are covered, with each subject taught by an expert in the field. Three lectures per week.

102 INTRODUCTION TO PHYSICAL SCIENCE (3)

Similar to 101, with the subjects covered being chemistry, geology, sound, and the relationship between science and the Reformed Faith. Three lectures per week. 101 is not a prerequisite.

Physics

SECONDARY EDUCATION

Major—Astronomy 103-104, Physics 115-116, 206, 215, 216, and 335-336.

Cognates—Chemistry 103 and 301 and Mathematics 112, 113, 202, and 204.

GENERAL

Major—Physics 115-116, 215, 216, 335-336, Physics 206, 325, 326, and Chemistry 302.

Cognates—Chemistry 103 and 301 and Mathematics 112, 113, 202, and 204.

115 GENERAL PHYSICS (4)

An introduction to the workings of the physical universe. The classical conservation laws (mass, momentum, energy) and the classical interactions (gravitational, electric, magnetic) are considered. Three lectures and one laboratory period or problem solving session per week. No prerequisite.

116 GENERAL PHYSICS (4)

Continuation of 115. Light and waves, physics of the very fast (relatively) and physics of the very small (quantum theory, atoms, and nuclei) are considered. Three lectures and one laboratory period or problem solving session per week. All 200 level courses have 116 as prerequisite.

206 ELECTRONICS (4)

The course acquaints the student with the basic physics of electrons in matter, individual electronic components, and electronic circuits such as power supplies, amplifiers, and oscillators. Three lectures and one laboratory period per week.

215 ELECTRICITY AND MAGNETISM (4)

A study of electrostatics, magnetic fields, Faraday's law of induction, direct and alternating currents, Maxwell's equations, and electromagnetic waves. This course will provide background for more advanced courses in physics, while at the same time giving adequate coverage of electricity at a meaningful level for those students who will go no further into the subject. Three lectures and one laboratory period per week. Prerequisite: Physics 116 and Mathematics 113.

216 MECHANICS (4)

A study of methods in classical mechanics: dynamics of a particle, central force motion, systems of particles, rotational dynamics, harmonic oscillator. Three lectures and one laboratory period per week. Prerequisites: Physics 116 and registration in Mathematics 204.

325 THEORETICAL MECHANICS (3)

Lagrangian and Hamiltonian dynamics, general rigid body motion, theory of vibrations and waves, relativistic particle mechanics. Three lectures per week. Prerequisite: Physics 216 and Mathematics 202.

326 ELECTROMAGNETIC THEORY (3)

A course in the mathematical theory of electricity and magnetism. Three lectures per week. Prerequisite: Physics 215 and Mathematics 202 and 204.

335 MODERN PHYSICS (4)

Developments in modern physics: special relativity, atomic nature of matter and electricity, wave and particle aspects of electrons and light, quantum theory. Three lectures and one laboratory period per week. Prerequisites: Physics 215 and 216.

336 MODERN PHYSICS (3)

Continuation of Physics 335. A study of atomic and molecular structure, solid state physics, quantum statistics and nuclear physics. Three lectures per week.

351-354 SPECIAL PROJECTS (1)

Political Science

201 INTRODUCTION TO POLITICAL SCIENCE (3)

An historical introduction to political science; the nature of government, the state, law, and forms of government and ideologies, combined with an analysis of the nature of the political process, the methods political scientists use in studying it, and some of the key concepts and terminology they have developed to explain it.

202 INTRODUCTION TO AMERICAN GOVERNMENT (3)

A study of American government with particular emphasis placed on the constitutional principles upon which it is based, but also giving attention to the civil liberties, political institutions, and political processes that are part of the American political system.

203 POLITICAL PARTIES (3)

A study of the American two-party system and the role of the parties in the American political process. Emphasis is placed upon the nature of the political parties and the electoral process, but attention is also given to the development and organization of the major parties, the role of interest groups, and the voting behaviour of the electorate.

204 CONSTITUTIONAL LAW (3)

The American Constitution as interpreted by the Supreme Court. An analysis of leading cases contributing to an understanding of both the historical development of constitutional law and the recent and current developments in constitutional law in reference to civil liberties.

Psychology

GENERAL

Major—Psych. 201, 207, 301 and seven elective courses in psychology.

Cognates—Select one area

1. Biology: Bio. 122, 201, 202 and two elective courses in biology.
2. Mathematics: Math. 112, 201, 309 and two elective courses in mathematics.
3. Philosophy: Phil. 201 and four elective courses in philosophy.
4. Sociology: Soc. 201 and four elective courses in sociology.
5. Communications: Speech 101, 302, and three electives chosen from Eng. 301, 302, Speech 204, 208, 211, 221, 301, 303, and 308.

201 GENERAL PSYCHOLOGY (3)

An introduction to the field of psychology surveying the areas of motivation, perception, learning, personality, abnormal psychology and psychotherapy. Some attention will be given to the philosophical presuppositions underlying contemporary psychology and an attempt will be made to understand the various problems considered in light of a Biblical view of man.

207 ELEMENTARY STATISTICS (3)

An introduction to basic concepts: averages, variation, probability and statistical inference with applications. Presentation of data. Use of calculating machines.

210 SOCIAL PSYCHOLOGY (3)

Study of the individual in relation to social situations including treatment of social motivation, attitude development and change, conscience formation, conformity and small group interaction. Prerequisite: Psych. 201.

212 CHILD PSYCHOLOGY (3)

A study of child development and behavior from conception to early adolescence. Prerequisite: Psych. 201.

213 ADOLESCENT PSYCHOLOGY (3)

A study of the transition period between childhood and adulthood. Emphasis upon the peculiar stresses and problems of the adolescent period. Prerequisite: Psych. 201.

215 EDUCATIONAL PSYCHOLOGY (3)

Study of the psychological principles and research pertinent to teaching and learning—the nature of learning; conditions necessary for learning; how to measure learning; learning and age; applications of the principles of learning to school conditions and situations. Prerequisite: Psych. 201

301 EXPERIMENTAL PSYCHOLOGY (4)

Application of experimental methodology to primarily the areas of learning and perception. Exercises in laboratory research and formal written reports will be required. The experimental method itself will be evaluated in light of current studies of experimenter bias and experimenter effects and the relationship between the experimental method and the Christian Faith discussed. Three lectures and one laboratory period per week. Prerequisite: Psych. 201, 207.

302 LEARNING THEORY (3)

Study of the most influential learning theories including the theories of Thorndike, Pavlov, Skinner, Hull and Gestalt theory. Also contemporary developments in learning theory and several Christian-oriented theories will be considered. Prerequisites: Psych. 201, 215.

303 THEORIES OF PERSONALITY (3)

Study of the structure and nature of personality as viewed by Freud, Jung, Adler, Fromm, Horney, Sullivan, Murray, Lewin, Allport, Rogers, behavioristic theories and several Christian-oriented theories. Prerequisite: Psych. 201.

310 HISTORY AND SYSTEMS OF PSYCHOLOGY (3)

The historical development of psychological theories from ancient Greece to the schools of structuralism, functionalism, behaviorism, Gestalt psychology, psychoanalysis, and humanistic psychology. Prerequisite: Psych. 201; Phil. 201.

321-322 INDEPENDENT STUDY (3)

Individual work in reading primary sources or in designing and executing original research. A paper will be required. Open only to senior psychology majors.

Sociology

201 PRINCIPLES OF SOCIOLOGY (3)

A study of the nature and methodology of sociology, and an introduction to its field of investigation, including an analysis of the structure and form of various social relationships. The course also includes an intensive treatment of the socialization process, the cultural heritage, social systems, and institutional alignments.

202 SOCIAL PROBLEMS (3)

A study of the current social problems—their nature, extent causes and remedies in the light of God's Word; especially problems arising out of population growth, war, crime and deviance, alcoholism and drug addiction, the degradation of work in modern society, poverty and mental illness. Special emphasis will be placed on pollution and the environmental crisis. Prerequisite: Sociology 201.

203 THE FAMILY AND MARRIAGE (3)

A study of the structure and forms of marriage and family, including an analysis of their various functions and intertwinements with other social relationships in various cultures past and present. The contemporary dating, courting and marriage and divorce patterns of Americans are also discussed and studied in the light of a biblical perspective. Prerequisite: Sociology 201.

204 CRIMINOLOGY (3)

An analysis of the extent, pattern and causes of delinquency and crime in modern society in the light of the biblical view of man, followed by a survey of police and court procedures and the various penal and treatment programs. Prerequisite: Sociology 201.

205 COMMUNITY ORGANIZATION (3)

A descriptive and theoretical analysis of the community and urban subcultures. The historical background and conceptual framework of community organization is also discussed as well as the dimensions of community organization and development and a definition of professional practice, the role of the community organization worker and methods of community organization. Prerequisite, Sociology 201.

206 SOCIOLOGICAL THEORY AND HISTORY (3)

The development of sociology, with emphasis on its European background and formative stage in twentieth century United States. Appraisal of the major schools of sociological thought with special emphasis upon the theoretical development in contemporary sociology in Europe and North America. Prerequisite: Sociology 201.

210 SOCIAL PSYCHOLOGY (3)

Study of the individual in relation to social situations including treatment of social motivation, attitude development and change, conscience formation, conformity and small group interaction. Prerequisite: Psychology 201.

Spanish

201 INTERMEDIATE SPANISH (4)

Intermediate Spanish has been introduced to enable students who have had two years of high school Spanish or one year of college Spanish to meet their Language 201 requirement for graduation.

Speech

SECONDARY EDUCATION

Major—Speech 101, 210, 211, 221, 303, 330, 391, one elective course in speech, Drama 263, 264.

Cognates—

1. English: Eng. 201-202, 301 or 302; one course from Eng. 313-317; and one course from Eng. 221, 312, 322.
2. History: Hist. 201-202; three courses from Hist. 203, 204, 205, 206, 207, 208, 209, 210, 301, 302.

GENERAL

Major—Speech 101, 204, 208, 210, 302, 303, and three elective courses in speech.

Cognates—

1. Psychology: Psych. 201, 207, 210, 301, and two elective courses from Psych. 212, 302, 303, 321.
2. Public Relations: Bus. Ad. 205-206; Psych. 207-210; and two elective courses in English beyond English 200.
3. Drama: Drama 361, 363, 364; Eng. 312, 333; and one elective from Drama 262, Eng. 301, and Eng. 302.

101 FUNDAMENTALS OF PUBLIC ADDRESS (3)

The study of basic concepts of speech preparation and the delivery of various types of speeches.

203 VOICE AND PHONETICS (3)

The study of the vocal mechanism with a brief sketch of vocal problems and extensive work in the International Phonetic Alphabet and speech production.

204 GROUP DISCUSSION (3)

Theory and practice of group participation regarding problem-solving in co-operative face-to-face discussions. The course will focus on the awareness, understanding, and use of group dynamics as well as criticism of techniques.

208 COMMUNICATION THEORY (3)

A study of communication theories and models involving variables, redundancies, and symbols. Designed for speech majors. Prerequisite: Speech 101.

210 SEMANTICS (3)

The analysis of general communication problems and solutions of problems frequently involved in misunderstanding, based upon such General Semantic concepts as bypassing and filtering.

211 ORAL INTERPRETATION (3)

This course seeks to give students practice in the analysis and presentation of the various types of prose and poetry including the reading of the Holy Scriptures. An introduction to reader's theatre and choral reading will be presented.

221 ARGUMENTATION AND DEBATE (3)

Basic principles of argumentation and their application in actual debates. Prerequisite: Speech 101.

301 RADIO SPEECH (3)

Offers training in special techniques involved in radio speaking and control board operation. Students will participate in the production of various types of taped broadcast programs. Prerequisite: Speech 101.

302 PERSUASION (3)

The study of persuasive techniques with some direct participation and the study of modern research regarding various types of persuasive appeal. Prerequisite: Speech 101.

303 ADVANCED PUBLIC SPEAKING (3)

An emphasis upon proper speech construction, organization, and delivery with a brief survey of communication concepts. Prerequisite: Speech 101.

308 BUSINESS AND PROFESSIONAL SPEECH (3)

Analysis, preparation, and presentation of business and professional speaking including some concepts of business communications. The prerequisite for speech majors is Speech 101.

310 SPEECH FOR THE CLASSROOM TEACHER (3)

A course designed primarily for the elementary teacher. Study will be made of the nature, types, and causes of speech defects, as well as the principles and methods of speech correction. A strong emphasis will be placed upon developing a speech model on the part of the teacher for the student and the development of a speech improvement program. Prerequisite: Speech 203 is recommended.

311 ADVANCED ORAL INTERPRETATION (3)

More extensive attention will be paid to analysis and presentation of literature than in Speech 211. Reader's theatre and choral reading will also be studied in greater detail. Prerequisite: Speech 211.

321 - 324 INTERSCHOLASTIC SPEECH ACTIVITY (1)

The necessary preparation and performance in at least two inter-collegiate forensic and/or debate tournaments or festivals per semester. A pass-fail course of one credit per semester. Prerequisite: Consent of the instructor.

330 DIRECTING CO-CURRICULAR ACTIVITIES (3)

The study of forensic and debate activities at the secondary level including principles of speech criticism, guidance in coaching, and the development of tournaments. Prerequisite: Speech 211 and 221.

350 SPEECH PATHOLOGY (3)

This course is designed for those interested in speech correction as a profession. A detailed study will be made of speech defects and disorders, their causes, and methods of rehabilitation.

351 AUDIOLOGY (3)

This course will deal with disorders of hearing, administration of hearing tests and interpretation of audiograms. Prerequisite: Speech 203.

391 INDEPENDENT STUDY AND RESEARCH (3)

Independent research in consultation with the instructor in the development and reporting of progress on the particular projects involved. Maximum of two 391 courses permitted. Designed for Speech majors only. Prerequisite Senior standing consent of the instructor.

Theology

101 PERSPECTIVES IN BIBLICAL THEOLOGY (3)

In this course the history of Biblical revelation is surveyed. Throughout emphasis is placed upon the covenantal and historical nature of Biblical revelation as it reaches its fulness in Jesus Christ.

201 HISTORY OF CHRISTIAN CONFESSIONS (3)

This course is a study of the history of the Church's response to God's Word as this response comes to expression in the significant ecclesiastical confessions. Stress is placed on the historical context in which the confessions, particularly those of the Reformed churches, were made.

301 CHRISTIANITY IN HISTORICAL PERSPECTIVE (3)

A study in the history of the main developments in Christianity from the beginning until the present, with emphasis upon the various world-wide-life views of the Christian community which arose out of the struggle between the forces of the reformation and deformation. Particular notice is taken of the genius of Calvinistic Christianity.





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Mr. Everett Fikse - - - - - Hills, Minnesota
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Rev. Ronald Slater - - - - - Pease, Minnesota
Mr. Ted Van Bruggen - - - - - Sioux Center, Iowa
Mr. Louis Van Wyk - - - - - Pella, Iowa
Mr. Lambert Vanden Einde - - - - - Renville, Minn.
Rev. Henry Vanden Heuvel - - - - - Sioux Center, Ia.

ADVISORY MEMBERS

Rev. John A. Hoeksema - - - - - Racine, Wisconsin
Rev. Henry Petersen - - - - - Sumas, Washington

VOTING MEMBERS

NAME	ADDRESS	TERM EXPIRES
<u>District I — Minnesota North</u>		
Rev. Ted Wevers	Raymond, Minnesota	1973
Isaac Van Someren	Minneapolis, Minnesota	1973
Lambert Vanden Einde	Renville, Minnesota	1973
Herman H. Meyer	Clara City, Minnesota	1974
Clarence Wevers	Baldwin, Wisconsin	1974
Junior Kreps	Prinsburg, Minnesota	1974
Rev. Ronald Slater	Pease, Minnesota	1975
John Ter Wisscha	Willmar, Minnesota	1975
Harry Hoogeveen	Raymond, Minnesota	1975
<u>District II — Minnesota South</u>		
Richard Pranger	Edgerton, Minnesota	1973
Peter Walhof, Jr.	Pipestone, Minnesota	1973
Rev. B. Den Herder	Luverne, Minnesota	1973
John Bos	Brewster, Minnesota	1974
Herman Bork	Luverne, Minnesota	1974
Henry Mast	Volga, South Dakota	1974
Albert Schelhaas	Edgerton, Minnesota	1975
Evertt Fikse	Hills, Minnesota	1975
Rev. Peter Brouwer	Edgerton, Minnesota	1975
<u>District III — North Central Iowa</u>		
Forrest Eckels	Britt, Iowa	1973
John M. Eekhoff	Goldfield, Iowa	1973
Rev. Harold Hollander	Wellsburg, Iowa	1973
Rev. Henry Baak	Woden, Iowa	1974
Herman De Berg	Dike, Iowa	1974
William Siebenga	Parkersburg, Iowa	1974
John H. Crum	Hollandale, Minnesota	1975
Harold Eekhof	Wellsburg, Iowa	1975
LaVerne Dieken	Holland, Iowa	1975

District IV – Orange City

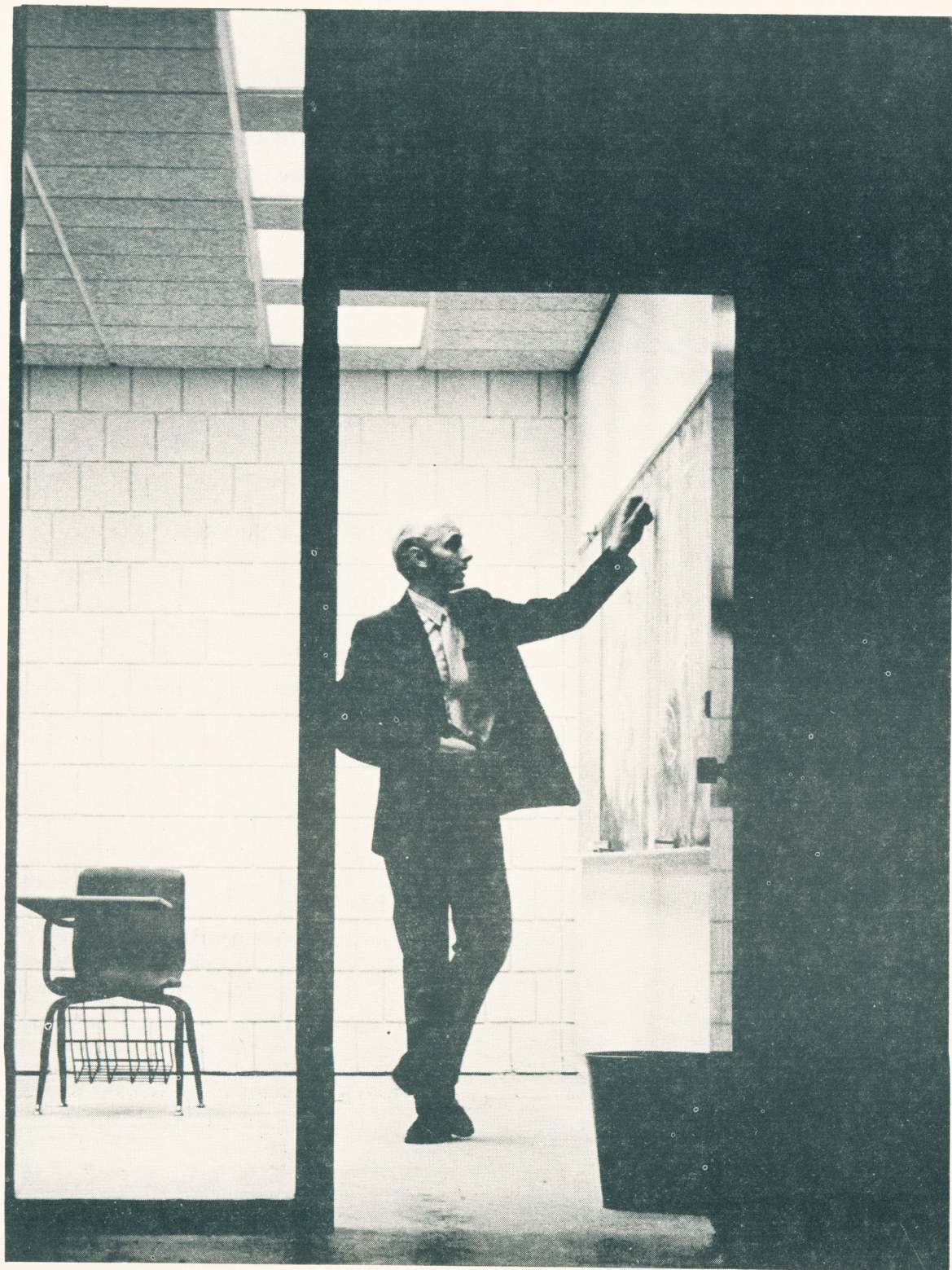
Rev. John Rubingh	Ireton, Iowa	1973
George Van Schepen	Sioux City, Iowa	1973
Al Engbers	Le Mars, Iowa	1973
Harold De Wit	Hull, Iowa	1974
Peter Runia	Ocheyedan, Iowa	1974
Marion Wiersma	Orange City, Iowa	1974
Rev. Edward Blankespoor	Orange City, Iowa	1975
Cornelius Runia	Sibley, Iowa	1975
Charles Stienstra	Hull, Iowa	1975

District V – Pella

William De Kock	Pella, Iowa	1973
Rev. John W. Dykstra	Newton, Iowa	1973
Willard Steenhoek	Prairie City, Iowa	1973
William Van Gilst	Cedar, Iowa	1974
Rev. Paul Bakker	Sully, Iowa	1974
Case De Haan	Pella, Iowa	1974
Ben Vos	New Sharon, Iowa	1975
Kenneth Groenenboom	Oskaloosa, Iowa	1975
Frank Gritters	Pella, Iowa	1975

District VI – Sioux Center

Bernard Baartman	Sioux Falls, South Dakota	1973
Roy Folkerts	Corsica, South Dakota	1973
Rev. James Admiraal	Rock Valley, Iowa	1973
Dick Bakker	Alvord, Iowa	1974
Jim Boogerd	Rock Valley, Iowa	1974
Ted Van Bruggen	Sioux Center, Iowa	1974
Rev. Henry Vanden Heuvel	Sioux Center, Iowa	1975
William Van Zanten	Rock Valley, Iowa	1975
Rev. Gerry Heyboer	Corsica, South Dakota	1975



Administrative Personnel

OFFICE OF THE PRESIDENT

BERNARD HAAN (1959), College President.

A. B., Calvin College; Th. B., Calvin Seminary.

R. J. DYKSTRA (1963), General Administrative Assistant.

LYLE GRITTERS (1969), Director of Public Relations.

B. S., University of South Dakota.

OFFICE OF THE DEAN OF STUDENTS

JOHN HULST (1968), Dean of Students

A. B., Calvin College; B. D., Calvin Theological Seminary.

OFFICE OF THE BUSINESS MANAGER

NEAL BOERSMA (1960), Business Manager.

BERNARD DE WIT (1966), Assistant Business Manager.

A. B., Augustana College.

CORNELUIS RYLAARSDAM (1972), Controller.

A. B., Calvin College.

OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

DOUGLAS RIBBENS (1955), Professor of Education; Vice President for Academic Affairs.

A. B., Calvin College; A. M., University of Chicago, Ed. D., Colorado State College.

HOWARD HALL (1970), Registrar and Director of Admissions.

A. B., Calvin College; A. M., University of South Dakota.

LARRY DE GROOT (1972), Admissions Counselor.

A. B., Dordt College.

LIBRARY

HESTER HOLLAAR (1964), Librarian.

B. S., North Dakota State Teachers College;
M. A. (Librarianship), University of Denver.

MARTIN SEVEN (1966), Library Cataloger.

A. B., Calvin College; A. M., University of Michigan; Additional work in Library Science, Western Michigan University.

EMMA VANDEN BERG (1967), Reference Assistant.

The Faculty

BERNARD J. HAAN (1959), College President.
A. B., Calvin College; Th. B., Calvin Seminary.

PROFESSORS

FRANK CALSBEEK (1963), Professor of Physical Education.

B. S., Augustana College; M. S., University of Illinois; Ed. D., Oregon State University.

MARVIN DE YOUNG (1958), Professor of Physics
A. B., Calvin College; A. M., University of South Dakota; Ph. D., University of the Pacific.

RUSSELL MAATMAN (1963), Professor of Chemistry.

A. B., Calvin College; Ph. D., Michigan State University.

DOUGLAS RIBBENS (1955), Professor of Education; Vice President for Academic Affairs.

A. B., Calvin College; A. M., University of Chicago; Ed. D. Colorado State College.

GARRETT ROZEBOOM (1961), Professor of Education and Psychology.

A. B., Calvin College; A. M., University of South Dakota; Ed. D., Colorado State University.

NICK VAN TIL (1955), Professor of Philosophy.

A. B., Calvin College; A. M., University of Michigan; M. A., University of Michigan; Additional graduate work, Michigan State University, University of Iowa.

JOHN ZINKAND (1958 - 1965, 1969), Professor of Classical Languages.

A. B., Wheaton College; A. M., Johns Hopkins University; B. D., Westminster Theological Seminary; Th. M., Westminster Theological Seminary; Ph. D., Brandeis University

ASSOCIATE PROFESSORS

WILLIS ALBERDA (1964), Associate Professor of Mathematics.

A. B., Calvin College; M. S., Montana State University; Ph. D., Montana State University.

ABRAHAM BOS (1962), Associate Professor of German.

A. B., Calvin College; A. M., University of South Dakota; Additional graduate work, University of Michigan, University of Iowa. (On leave of absence 1972-1973).

HENRY DE GROOT (1969), Associate Professor of Business Administration.

B. S., Sioux Falls College; M. B. A., University of South Dakota; C. P. A., South Dakota and Iowa.

NORMAN DE JONG (1965), Associate Professor of Education.

A. B. Calvin College; A. M., University of Iowa; Ph. D., University of Iowa.

EDWIN GEELS (1965), Associate Professor of Chemistry.

B. S., Calvin College; Ph. D., Iowa State University.

DALE GROTENHUIS (1959), Associate Professor of Music.

A. B., Calvin College; M. M., Michigan State University; Additional graduate work, Ohio State University.

ARNOLD KOEKKOEK (1964), Associate Professor of History.

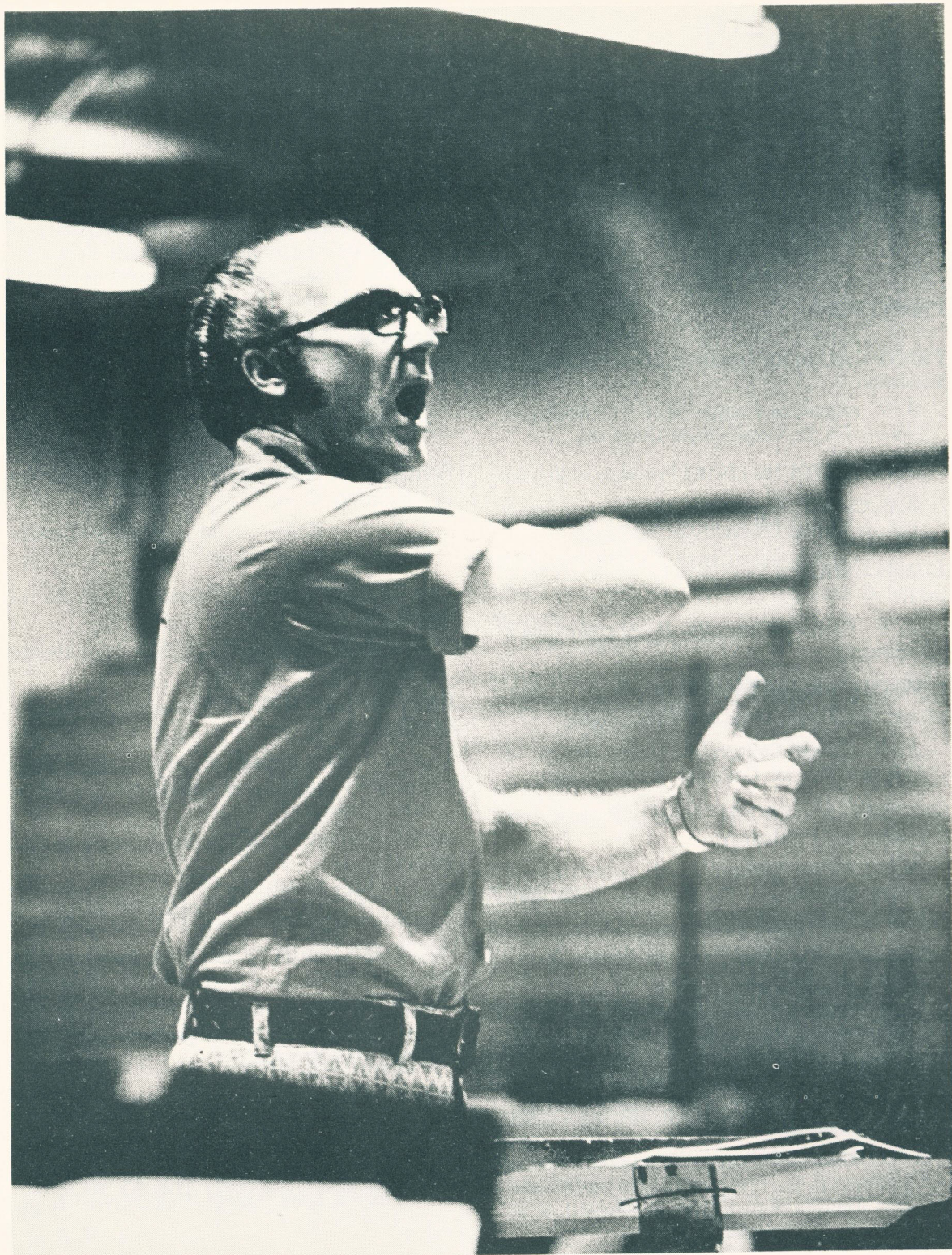
A. B., Calvin College; A. M., University of Iowa; Additional graduate work, University of Iowa.

JAMES KOLDENHOVEN (1962), Associate Professor of English.

A. B., Calvin College; A. M., University of South Dakota; Additional graduate work, University of Nebraska.

MERLE MEETER (1962), Associate Professor of English.

A. B., Calvin College; A. M., University of Michigan; Additional graduate work, Western Washington State College, University of Iowa.



AALDERT MENNEGA (1964), Associate Professor of Biology.

A. B., Calvin College; A. M., Michigan State University; Ph. D., Michigan State University.

E. L. HEBDEN TAYLOR (1968), Associate Professor of Sociology.

B. A., Cambridge University; M. A., Cambridge University; L. Th., University of British Columbia.

LOUIS VAN DYKE (1963), Associate Professor of History.

A. B., Calvin College; M. A., University of Washington; Additional graduate work, University of Nebraska. (On leave of absence 1972-1973).

GERARD VAN GRONINGEN (1971), Associate Professor of Bible.

A. B. Calvin College; B. D., Calvin Seminary; M. Th., Westminster Theological Seminary, M. A., University of Melbourne; Drs., University of Potchefstroom; Ph. D., University of Melbourne.

JACK VANDEN BERG (1967), Associate Professor of English.

A. B., Calvin College; A. M., University of Iowa; Additional graduate work, University of Iowa.

JAMES VELTKAMP (1963), Associate Professor of Education.

A. B., Calvin College; A. M., California State College; Sp. Ed., Western Michigan University; Ed. D., University of South Dakota.

GARY WARMINK (1963), Associate Professor of Music.

A. B., Calvin College; A. M., Ohio State University; Additional graduate work, Ohio State University, University of Washington.

ASSISTANT PROFESSORS

SYNE ALTENA (1968), Assistant Professor of Physical Education.

A. B., Westmar College; A. M., Michigan State University.

DALLAS APOL (1965), Assistant Professor of German.

A. B., Calvin College; A. M., University of Michigan; Additional graduate work, University of Minnesota.

MARTIN DEKKENGA (1969), Assistant Professor of Speech.

A. B., Calvin College; A. M., University of Northern Iowa, Additional graduate work, University of South Dakota.

HESTER HOLLAAR (1964), Librarian.

B. S., North Dakota State Teachers College; M. A. (Librarianship), University of Denver.

SHIRLEY KUIPER (1970), Assistant Professor of Business Education.

B. B. A., University of Michigan; M. B. E., University of Colorado.

NOEL MAGEE (1970), Assistant Professor of Music

B. M., Wheaton College; M. M., Indiana University.

WILLIAM NAWYN (1970), Assistant Professor of History

A. B., Calvin College; A. M., University of Michigan; Additional graduate work, University of Iowa.

GERALD O'DONNELL (1970), Assistant Professor of Psychology.

B. S., Geneva College; M. A., Temple University; Additional graduate work, Temple University.

GARY PARKER (1971), Assistant Professor of Biology.

A. B., Wabash College; M. S., Ball State University; Additional graduate work, Ball State University.

LARRY REYNOLDS (1969), Assistant Professor of English.

A. B., Calvin College; M.A.T., Seattle University.

JOHN STRUYK (1969), Assistant Professor of German.

A. B., Calvin College; A. M., University of Waterloo; Additional graduate work, University of Waterloo.

WYTSE VAN DIJK (1971), Assistant Professor of Physics.

A. B., McMaster University; Ph. D., McMaster University; Postdoctoral work, Oxford University.

JOHN VAN DYK (1966), Assistant Professor of Philosophy.

A. B., Calvin College; A. M., University of Michigan.

SAMUEL VAN HOUTE (1971), Assistant Professor of History.

A. B., Calvin College; B. D., Westminster Theological Seminary; Ph. D., University of Maryland.

MARLIN VANDEN BOSCH (1968), Assistant Professor of English.

A. B., Calvin College; A. M., University of Iowa; Additional graduate work, University of Iowa (On leave of absence 1972-1973).

JOHN VANDER STELT (1968), Assistant Professor of Bible and Philosophy.

A. B., Calvin College; B. D., Free University; Drs., Free University.

ARNOLD VELDKAMP (1971), Assistant Professor of Mathematics.

A. B. Calvin College; M. Ed., Western Washington State; M. A., University of Illinois; Additional graduate work, Western Michigan University.

INSTRUCTORS

KORNELIS BOOT (1969), Instructor in German.

A. B., Dordt College; Additional graduate work, Lewis and Clark College.

GERALD BOUMA (1969), Instructor in Music.

A. B., Northwestern College; M. M., Arizona State University.

HUGH COOK (1970), Instructor in English.

A. B., Calvin College; A. M., Simon Fraser University.

HOWARD HALL (1970), Registrar and Director of Admissions.

A. B., Calvin College; A. M., University of South Dakota.

RICHARD HODGSON (1969), Instructor in Astronomy.

A. B., Swarthmore College; B. D., Union Theological Seminary; Th. M., Westminster Theological Seminary.

GERALD HOEKEMA (1971), Instructor in Mathematics.

A. B., Calvin College; M. S., Purdue University.

JOHN HULST (1968), Dean of Students.

A. B., Calvin College; B. D., Calvin Theological Seminary.

LEONARD RHODA (1970), Instructor in Physical Education.

A. B., Calvin College; A. M., Michigan State University.

JOAN RINGERWOLE (1967), Instructor in Music.

A. B., Calvin College; M. M., Eastman School of Music. (On leave of absence 1972-1973).

MARIAN VANDER ARK (1970), Instructor in Education and Psychology.

A. B., Calvin College; M. S., Montana State College.

DARYL VANDER KOOI (1971), Instructor in Speech.

A. B., Calvin College; M. S., Montana State University.

DELMAR VANDER ZEE (1969), Instructor in Biology.

A. B., Dordt College; M. S., Western Michigan University.

CAROL VELDMAN (1970), Instructor in English.

A. B., Calvin College; A. M., University of Minnesota.

HAROLD VERHAGE (1968), Instructor in Biology.

B. S., Calvin College; M. S., New Mexico Highlands University; Additional graduate work Colorado State University. (On leave of absence 1972-1973).

RUDOLF ZUIDERVELD (1972), Instructor in Music.

A. B., Calvin College; M. M., University of Michigan.

TEACHING ASSISTANTS

CAROL ADDINK (1971), Teaching Assistant in English and German.

JOANNE ALBERDA (1967), Teaching Assistant in Art.

NANCY HODGSON (1971), Teaching Assistant in Computer Science.

ARTHUR RUITER (1970), Teaching Assistant in Special Education.

Enrollment

	Men	Women	Total
Freshmen	174	195	369
Sophomores	118	129	247
Juniors	86	95	181
Seniors	78	79	157
Special	4	0	4
Part-time	4	8	12
TOTAL	464	506	970

Geographical Distribution

Arizona	5
California	61
Colorado	27
Florida	1
Illinois	65
Indiana	9
Iowa	327
Kansas	3
Maryland	1
Massachusetts	2
Michigan	73
Minnesota	109
Montana	21
Nebraska	5
New Jersey	7
New York	3
North Carolina	2
North Dakota	6
Ohio	1
Oregon	5
Pennsylvania	2
South Dakota	55
Washington	60
Wisconsin	40
Alberta	40
British Columbia	21
Manitoba	7
Nova Scotia	0
Ontario	9
Saskatchewan	1
Mexico	2
TOTAL	970



Honors and Awards

FRESHMAN HONORS

Carol Bilthouse
Susan Damon
Marilee De Groot
Daniel De Jong
Karen De Young
Phyllis Den Herder
Lynn Dykema
Daniel Gibson
Carol Groen
Jack Heinen
Anita Jacobson
Barbara Johnson
Judith Kalsbeek
Shirley Klein
Theodore Koopmans
Nancy Kroeze
Tina LaBrenz
Karen Mejeur
Raymond Mellema
Daniel Mouw
Paul Neerhof
Maria Osinga
Kathleen Ponstein
Diane Schuld
Craig Shannon
Louise Sjoerdsma
Linda Stravers
Derk Van Eerden
Bernard Van Hal
Lois Van Hofwegen
Geertruida Van Den Berg
Viola Van Den Top
Darlene Vanderbrug
Mark Vander Hart
Joanne Vander Woude
Margretha Vis
Ruth Wiersma
Joyce Woordhuis

SCHOLARSHIP PRIZES

FRESHMAN PRIZE

Susan Damon
Lynn Dykema
Jack Heinen
Anita Jacobson
Tina LaBrenz

SOPHOMORE PRIZE

Mary Poel

JUNIOR PRIZE

Wayne Ribbens

SOPHOMORE HONORS

Mary Assink
Kenneth Baker
Eileen De Young
Nancy Eekhoff
Richard Eigenbrood
Jelmer Groenewold
Fern Hoeflinger
Peter Mahaffy
Samuel Mahaffy
Sheryl Menninga
Thomas Meyer
Edna Overweg
Mary Poel
Diane Rotman
Helen Schreur
Lucinda Sjaardema
Audrey Smid
Stephen Steenstra
Gail Stockmeier
Sheila Van Drunen
Deborah Van Til
Joslyn Van Weelden
Gary Vande Kamp
Elaine Van Der Hart
Leon Vander Laan
Shirley Wiederich

JUNIOR HONORS

Helen Blankespoor
Klaaske De Groot
Marjolyn De Groot
Corinne De Jong
Arlinda De Wit
Sharleen Faber
Laurel Hoeflinger
Susan Maatman
Catherine Marcus
Hazel Mouw
Beth Nugteren
Wayne Ribbens
Linda Vandenaere
Carol Van Den Bosch
Jane Vreeman
Mary Walcott
Karen Walhof

GRADUATION HONORS

SUMMA CUM LAUDE

Lambert Zuidervaart
Gary De Young
Daryl Dockter
Geneva De Kam
Gregg De Young
Karan Oosterkamp
Helen Stuit

MAGNA CUM LAUDE

Kathleen Kimm
James Petersen
Rita Hettinga
Sherry Kooima
Karen Hofman
Robert Clausing
Margaret Fondse
Maryan De Haan
Phyllis Dragstra

CUM LAUDE

David Cummings
Paul Mahaffy
Lois Ritsema
Faith Vander Woude
Janet Meyers
Bryce Fopma
Judith Van Hofwegen
Richard Kruis
Sonja Bentz
Martin Bron
Susan Poel
Mildred Bleeker
Bernard Van Ee
Gerald Van Dusseldorp
Katherina Bol
Judith Arends

DEGREES GRANTED 1972

BACHELOR OF ARTS

Larry Addink, Sioux Center, Iowa
Judith Arends, Ackley, Iowa
Milo Arkema, Sully, Iowa
Evan Baas, Corsica, South Dakota
Kathryn Elizabeth Beezhold, South Holland, Ill.
Sonja Elizabeth Bentz, Artas, South Dakota
Mildred Bleeker, Castlewood, South Dakota
Keith Boersma, Raymond, Minnesota
Kenneth Dean Bogaards, Pella, Iowa
Kathy Bol, Maple Ridge, B. C.
Irene Bolluyt, Hull, Iowa
Rose Bos, Manhattan, Montana
Harry Boschma, Williamston, Michigan
Sherry Britton, San Luis Obispo, California
Martin Henry John Bron, Jr., Ripon, California
Arlin Brummel, Hull, Iowa
Rodney W. Brunsting, Hull, Iowa
Audrey Lynn Bush, Zeeland, Michigan
Marjean Buys, Doon, Iowa
Robert Clausung, Chicago, Illinois
Paul Arthur Clousing, Chicago Ridge, Illinois
Martin J. Contant, Victoria, B. C.
Stephen Crull, Ridott, Illinois
David Bruce Cummings, Pittsburgh, Pennsylvania
Jan Simon de Bree, Cowichan Station, B. C.
Guy De Haan, Pella, Iowa
Maryan De Haan, Pella, Iowa
William De Jager, Coaldale, Alberta
Judith De Jong, Ripon, California
Daryl De Kam, Edgerton, Minnesota
Geneva Lynn De Kam, Worthington, Minnesota
Jeanne De Wit, Rock Valley, Iowa
Cathy De Young, Lynnvile, Iowa
Gary Wayne De Young, Sioux Center, Iowa
Gregg De Young, Sioux Center, Iowa
Stanley James Dibbet, Maurice, Iowa
Daryl James Dockter, Ashley, North Dakota
Donald G. Draayer, Maurice, Iowa
Phyllis Dragstra, Sioux Center, Iowa
Elgene Drenth, Hollandale, Minnesota
James Eekhoff, Kanawha, Iowa

Rick Esselink, Lacombe, Alberta
Elizabeth Flikkema, Manhattan, Montana
Judith Anne Fluck, Pittsburgh, Pennsylvania
Margaret Fondse, Mount Vernon, Washington
Bryce D. Fopma, Grinnel, Iowa
Elwin Gesink, Maurice, Iowa
Fenton Groen, Chandler, Minnesota
Peter J. Haverhals, III, Hawarden, Iowa
David J. Heinen, Oostburg, Wisconsin
Ben Hendricks, Lynden, Washington
Rita Hettinga, Ontario, California
Mark Hiemstra, Pella, Iowa
Sheryl Hiemstra, Clarion, Iowa
Karen Hofman, Oakfield, Wisconsin
Alice Hogenes, North Edmonton, Alberta
James L. Hoogeveen, Raymond, Minnesota
Sandra Hoogwerf, Volga, South Dakota
Andy (Andreas) Horlings, Smithers, B. C.
Hildred Hospers, Hull, Iowa
Nancy Lynn Hospers, De Motte, Indiana
Timothy L. Hubers, Pease, Minnesota
Marilyn Hybels, Kalamazoo, Michigan
Beth Ann Jasper, Rock Valley, Iowa
Joann Ruth Kalsbeek, Orange City, Iowa
Paul H. Kamminga, De Motte, Indiana
Gilbert Kamps, Bozeman, Montana
Kathleen Kimm, Manhattan, Montana
Henry T. Knoop, Edmonton, Alberta
Kimberly Knudsen, South Holland, Illinois
Sherry Klomp Kooima, Rock Valley, Iowa
Maridel Kooiman, Modesto, California
Arlene Janice Koolhaas, Bellflower, California
Richard E. Kooyenga, South Holland, Illinois
Eugene Jay Krosschell, Edgerton, Minnesota
Richard H. Kruis, South Haven, Michigan
Beverly Kuiper, Racine, Wisconsin
William B. Lapp, Hamburg, Minnesota
Gwen Leenstra, Manhattan, Montana
Mark E. LeMahieu, Oostburg, Wisconsin
Lois A. Lemmer, Kalamazoo, Michigan
Betty Lubben, Edgerton, Minnesota
Marla Jean Luinenburg, Brewster, Minnesota
Susan M. Lyon, Portland, Oregon
Paul Robert Mahaffy, Chicago, Illinois
Jetty Jantina Medendorp, Thunder Bay, Ontario
Marlene Mommelaar, Prairie City, Iowa
Donna Smidt Meyer, Kanawha, Iowa
Janet Ooms Meyers, South Holland, Illinois
Steven E. Meyers, Ridott, Illinois
Marvin L. Moorlag, Milaca, Minnesota
Audrey Mulder, Norwalk, California
Elaine Mulder, Renville, Minnesota

Laura A. Musch, Jenison, Michigan
 James Navis, Jr., Racine, Wisconsin
 Sheila Wing Navis, Runnels, Iowa
 Leslie D. Netjes, Lismore, Minnesota
 Karen Nieuwsma, Herried, South Dakota
 Bernie Wayne Nikkel, Sully, Iowa
 Howard Nunnikhoven, Oskaloosa, Iowa
 Karan June Oosterkamp, Modesto, California
 Margaret Oudman, Lacombe, Alberta
 James Petersen, Imperial Beach, California
 Judy Poel, Grand Haven, Michigan
 Susan Poel, Grand Rapids, Michigan
 Arie Poot, Modesto, California
 Joyce Sophia Poot, Modesto, California
 Donald Post, Orange City, Iowa
 Edith E. Prins, North Edmonton, Alberta
 Beverlee Jeanne Ramerman, Lynden, Washington
 Lois Ritzema, Milaca, Minnesota
 John Roelofs, Hollandale, Minnesota
 Marvin G. Rozendaal, Lynnvile, Iowa
 Phyllis Ruis, Pease, Minnesota
 Richard Sander, Sioux Center, Iowa
 Kathy Vander Lugt Schreurs, Hawarden, Iowa
 Tena May Siebenga, Blackfalds, Alberta
 Johanna Siebring, Mill Bay, B. C.
 Carol Lee Smits, Modesto, California
 Dawn Snieder, Sioux Center, Iowa
 Albert J. Sprik, Corsica, South Dakota
 Helen Stuit, Modesto, California
 Marcia Sturing, Oskaloosa, Iowa
 Warren Swier, Edgerton, Minnesota
 Russell Ten Cate, Edgerton, Minnesota
 Jerry A. Terborg, De Motte, Indiana
 Kathryn B. Ter Maat, Sioux Center, Iowa
 William Tuininga, Winnipeg, Manitoba
 Darrel Ulferts, Blomkest, Minnesota
 Dale Van Arendonk, Prairie City, Iowa
 Lois G. Van Beek, Holland, Michigan
 Jacob van Breda, Lethbridge, Alberta
 Gerald Van Dusseldorp, Pella, Iowa
 Susan Van Dyk, Sioux Center, Iowa
 Bernard John Van Ee, Otley, Iowa
 Marcia Van Engen, Rock Valley, Iowa
 Judith Van Hofwegen, Chino, California
 Allen Van Roekel, Sanborn, Iowa
 Clark E. Van Schepen, Hull, Iowa
 Linda Van Vuren, Stockton, California
 Evelyn Jean Van Wyhe, Sioux Center, Iowa
 Ila Vande Kerk, Rock Valley, Iowa
 Robert D. Vanden Bosch, Rock Valley, Iowa
 Carol Vander Kooi, Worthington, Minnesota
 Jean H. Vander Pol, Seattle, Washington
 Jacob Vander Schaaf, New Glasgow, Nova Scotia
 Faith Vander Woude, Pipestone, Minnesota
 Carol Veldhouse, Pella, Iowa
 Winerva Veltkamp, Rock Valley, Iowa
 Alana Joy Victoria, Sheldon, Iowa
 Carl Duane Viss, Ripon, California
 Sharon Visser, Sunnyside, Washington
 Wanda Visser, Orange City, Iowa
 Roger Vos, New Sharon, Iowa
 Gerrit H. Vreeman, Holland, Michigan
 Glenda J. Vreugdenhil, Seattle, Washington
 Karen Kramer Vrieze, Racine, Wisconsin
 Jennie Wester, Escondido, California
 Glenn Westra, Sioux Center, Iowa
 Karen Mae Westra, Hull, Iowa
 Catherine Barnsley Williams, Morristown, Penn.
 Alfred Wisselink, Pitt Meadows, B. C.
 Eunice Zonnefeld, Artesia, California
 Lambert Zuidervaat, Escalon, California
 Pearl Zuidhof, Lacombe, Alberta

The Academic Calendar

1972 - 1973

First Semester

August 29 – Tuesday - - - - Freshman Orientation
Registration of Upperclassmen
August 30 – Wednesday - Freshman Registration
Convocation, 7:00 p.m.
August 31 – Thursday - - - Classes begin, 7:35 a.m.
October 5 - 6 – Thursday - Friday - - - -
Teachers Institute, No Classes
November 22 – Wednesday - - - -
Thanksgiving recess begins, 12:10 p.m.
November 28 – Tuesday - - - -
Thanksgiving recess ends, 7:35 a.m.
December 15 – Friday - - - Review for final testing
no classes
December 16 (a.m.), 18 (p.m.), 19, 20 – Saturday,
Monday-Wednesday - - - - - Final testing period

Second Semester

January 17 – Wednesday - - - -
Second semester classes begin, 7:35 a.m.
March 22 – Thursday - - - -
Spring vacation begins, 12:10 p.m.
April 3 – Tuesday - - - -
Spring vacation ends, 7:35 a.m.
May 7 – Monday - - - - - Review for final testing
no classes
May 8 - 10 – Tuesday - Thursday - - - -
Final testing period
May 11 – Friday - - - - Commencement, 10:00 a.m.

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Communications

ALL CORRESPONDENCE SHOULD BE MAILED TO
DORDT COLLEGE, SIOUX CENTER, IOWA 51250

AREA CODE 712 722 - 3771

Requests for specific information should be addressed as follows:

General policies and interests of the college - - - - THE PRESIDENT

Academic matters; curriculum and instruction - - - -

THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

Student affairs; personal welfare and health of students - - - -

THE DEAN OF STUDENTS

Transcripts of credits; grade points - - - - - THE REGISTRAR

Admissions; bulletins; application forms - - - -

THE DIRECTOR OF ADMISSIONS

Payments of accounts; general business matters - - - -

THE BUSINESS MANAGER

Financial assistance - - - - - THE DIRECTOR OF FINANCIAL AID

Publicity; gifts; annuities - - - -

THE DIRECTOR OF PUBLIC RELATIONS