DORDT COLLEGE
1968-69 CATALOG

ACADEMIC RECORD FOR 1967-68
ANNOUNCEMENTS FOR 1968-69
All correspondence should be sent to Dordt College, Sioux Center, Iowa. Specific inquiries should be addressed as follows:

**Dean of the College**
- Completed application forms.
- Scholarship information and applications.
- Information concerning admission & graduation.
- Curriculum matters - courses of study.
- Academic policies.
- Counseling and advising.

**Registrar**
- Requests for application forms.
- Catalogs.
- Transcripts of Record.
- Registration and orientation.
- Grade reports.

**Administrative Assistant to the Dean**
- Student Loan Information.
- Veterans Affairs.

**Director of Housing**
- Dormitory information.
- Approved housing.
- Housing regulations.

**President**
- General college policy.

**Business Office**
- Payment of bills.
- Gifts and bequests.
- Business matters.

**Placement Bureau**
- Teacher placement information.
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AIMS

Dordt College is controlled by an incorporated free society for the maintenance of a school for higher education in general art, education and pre-seminary training in accordance with the Word of God. The Word of God is recognized 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, including all faculty personnel, 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 rigorously applies the principles of God’s Word to all areas of life. The Sovereignty of God is the basic principle in this system. The basic propositions which are fundamental to the educational system of Dordt College, if not precise formulations of the Calvinistic pattern, are either direct implications, commonly accepted, from the Calvinistic position, or modifications which are oriented to the Calvinistic system. All instruction must be in harmony with the Reformed Faith so interpreted. 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-bearer, His servant, His witness, His prophet, priest, and king under Christ. 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 God’s unified Word-world revelation and of the formulations of men who have reflected analytically and imaginatively on that coherent revelation in their varied attempts to construct patterns of meaning.
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, 1961. At this meeting, the Society approved the addition of the junior and senior years. Thus, in September, 1963-1964, the senior class was added. In 1965 the first class received their A. B. degrees and diplomas.

CAMPUS

The Dordt College campus is located in Sioux Center, Iowa, a town of about 2,500 population. Sioux Center is situated on Highway 75 in Northwest Iowa, forty-five miles northeast of Sioux City, Iowa, and fifty-five miles southeast of Sioux Falls, South Dakota.

BUILDINGS

CLASSROOM BUILDING - In the classroom building are numerous pleasant classroom units. It also houses faculty offices and the college book store.

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, a music listening room, practice rooms and faculty offices.

The administration wing contains the general business offices, the Dean’s office and the College President’s office.

BOYS’ DORMITORY - A $300,000 dormitory housing 160 men was completed in September, 1963.
GIRLS’ DORMITORY - A $550,000 dormitory housing 250 women was completed in 1966.

RESIDENCE HALLS - The College owns two residence halls, Dordt Manor and College Hall, which are used to house students.

DINING HALL - A $75,000 dining hall and commons was completed in 1964. A $15,100 addition was completed in 1966. The dining hall has complete facilities to serve all meals to students who live in the dormitory, in the residence halls and in approved college housing. It includes a snack bar, a student lounge and additional dining area.

LIBRARY - A new $350,000 library building was completed in 1966. This building will house 75,000 volumes. It also houses language laboratories, listening rooms, small group meeting and study rooms, board and faculty rooms and a large lecture room.

SCIENCE - A building costing $300,000 was constructed in 1968. This building contains classrooms for all of the biological and physical sciences, mathematics and laboratories. This building also contains faculty offices.

PHYSICAL EDUCATION - A building costing $300,000 was constructed in 1968. This building contains classrooms, shower rooms, training rooms, faculty offices and a gymnasium which will accommodate 2500 people for a basketball game.

RADIO BUILDING - A building to house the Radio Station KDCR-FM was completed in 1968. The range of this station will be approximately 100 miles. Radio dial 91.3.

PROPOSED:

New Dormitory
Addition to Commons -or- Student Union.
Eighty Acre development across the road, which is to be a joint enterprise of the college and the community will eventually house: Fine Arts Center - construction commencing 1968; Tennis Courts; Football Field; Riding Stables; Indoor-Outdoor Swimming Pool.
ADMISSION TO THE COLLEGE

REQUIREMENTS FOR ADMISSION
APPLICATION FOR ADMISSION
ENTRANCE TESTS
NOTIFICATION OF ADMISSION
ADVANCED STANDING
SPECIAL STUDENTS
SPECIAL APPLICATION
ADMISSION OF FOREIGN STUDENTS
REGISTRATION
NOTIFICATION OF ADMISSION

As soon as all application forms have been received they will be evaluated by the Dean of the College. 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.

PROVISIONAL ADMISSION

If a student is in default of the fifteen unit admission requirement by not more than one unit, he may be admitted provisionally with the stipulation that the deficiency shall be removed within the first year of residence.

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 Dean of the College:

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 A.C.T. or S.A.T. 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.
REQUIREMENTS FOR ADMISSION

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 FOR ADMISSION

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

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

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

ENTRANCE TEST

All applicants for admission to the freshman class are required to take the A.C.T. test of the American College Testing Program. Information concerning dates and testing centers for the A.C.T. tests can be obtained from high school principals. Students who do not take an entrance test during the senior year will be required to report early for the orientation period to take the A.C.T. test at Dordt College. A fee of $4.00 will be charged for this special testing.
SPECIAL STUDENTS

Special students are students carrying fewer than twelve hours per semester. A special student need not follow the usual application for admission procedure unless he becomes a full-time student at a later date. At that time he must file the official application forms.

Students who do not plan to follow any prescribed course of study may register as special students for such courses as they can pursue with profit on the basis of previous qualification.

Permission to register as a special student must be obtained from the Dean of the college.

SPECIAL APPLICATION

Mature applicants who have not completed the regular high school program may be admitted if there is satisfactory evidence of ability to do work of college level.

Candidates who are interested in making special application should consult the Dean of the college.

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.
STUDENT LIFE

HOUSING
RELIGIOUS ACTIVITIES
ATHLETICS
INTRAMURALS
CLUBS
STUDENT ACTIVITIES
MUSICAL ACTIVITIES
COLLEGE PUBLICATIONS
GENERAL CONDUCT
GIRLS DORMITORY

HOUSING

BOYS DORMITORY
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 the dormitory and to take their meals at the college dining hall. If the enrollment of freshmen exceeds the number of dormitory rooms, they will be placed in private homes.

A number of sophomores and upper classmen can also be housed in the dormitory or in one of the college residence halls. These students will be required to take their meals at the college dining hall.

Rooms are reserved in advance upon receipt of a deposit of $30. The deposit fee is applicable to the first semester’s rent and is refunded if the room reservation is cancelled before July 1st. Room reservations will be made in the order that deposits are received. All prospective freshman students must remit a $10 wear and maintenance fee with their housing application. This money will be refunded if no excessive wear is sustained.

APPROVED HOUSING IN PRIVATE HOMES

Sophomores and upper classmen who do not live in college owned housing must live in one of the private homes on the College approved list. Assignment to rooms in private homes must be arranged through the Housing Committee.

Students, other than married students and those 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.

The charge for room per semester in private homes is the same as in college residence. This room rent is paid to the College, not directly to the home owner. Rooms in private homes are assigned after a deposit of $30 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. All upper classmen who have not previously paid a wear and tear fee shall also remit a $10 wear and maintenance fee with their housing reservation. This will be refunded if there is no excessive wear and tear.
HOUSING REGULATIONS

Rooms are furnished with necessary articles of furniture, such as beds, mattresses, pillows, desks, chairs and dressers. Students provide their own blankets, spread, towels and washcloths. Weekly linen service is provided at a nominal charge. The students who live in College dormitories and residences must make use of the college approved plan for weekly linen service. (See housing regulations in Defender).

Rooms will be open for occupancy on Saturday, September 7; the first meal served in the college dining hall will be dinner that evening.

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 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.

Rooms 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 resident head. Home owners supervise students in private homes. Students are responsible to the resident head or to the home owner and they are expected to conform to all College determined housing regulations in addition to those listed in this catalog.

RELIGIOUS ACTIVITIES

REQUIRED 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

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

Two full-period chapel exercises are held each week to provide an opportunity for students and faculty members to participate together in devotional exercises. The Tuesday chapel exercise is conducted by the student body. Faculty members and guest speakers lead in the Thursday chapel exercise. Chapel attendance is required for all students.

ATHLETICS

Dordt College plays a full schedule of basketball games with colleges in Iowa, Minnesota, South Dakota and Nebraska. Four year college plans call for participation in inter-collegiate baseball, tennis, basketball, track and golf.

INTRAMURALS

A year-round program of intramural sports gives all students an opportunity to take part in physical recreational activities, both competitive and noncompetitive. 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, softball, table tennis, tug-o-way and volleyball.

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 Activities Committee.

(a) Match Club
(b) Science Club
(c) Chess Club
(d) Mission Club
(e) Journalism Club
(f) Young Republican Club
(h) Signet Staff Club
(i) Philosophy Forum
(j) Wildlife Conservation Club
(k) Political Science Club
(l) Radio Club
(m) Phi Delta Kappa
STUDENT ACTIVITIES

The College schedules many social and student 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 Activities Committee and the Dean of Students. All meetings approved by the Student Activities Committee must be under College supervision.

In addition to club activities, athletics, and musical activities, a number of social events are planned by the Student Council Activities Committee. Students may attend a 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 choral 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 must usually be preceded by a minimum of two semesters of Chorale.
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.

Vocal & Instrumental Ensembles

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

COLLEGE PUBLICATIONS

Dordt College Diamond is the school newspaper published fortnightly by the students.

The Signet, an annual student publication is issued in the summer.

Arete - Literary Publication

Student Handbook, with information for students, is 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.

GENERAL CONDUCT

It is not the purpose or intention of Dordt College to lay down minute regulations for the daily conduct of its students. By their application for admission students certify that they intend to live according to the Christian ideals of the College. Though admission to Dordt College is the rightful privilege of its constituency, that privilege may be readily withdrawn should the student fail to maintain proper standards of conduct or scholarship.
CLASS ATTENDANCE
CREDITS
STUDENT CLASSIFICATION
STUDENT LOAD
DROPPING AND CHANGING COURSES
WITHDRAWAL FROM SCHOOL
GRADES AND HONOR POINTS
HONOR POINT AVERAGE
ACADEMIC HONORS
ACADEMIC STANDING
GRADE REPORTS
TRANSCRIPTS
ENROLLMENT IN OTHER SCHOOLS
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 credit earned:

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

STUDENT LOAD

The normal student load is from fourteen to seventeen semester hours, excluding choir and physical education. Twelve semester hours is the minimum load for full-time student classification. Students who wish to register for eighteen semester hours must have the permission of the Dean of the College. Such permission is granted only if the student has maintained at least a 2.60 honor point average in previous college work or if the student has maintained a 3.25 honor point average in the past two semesters of college work.

DROPPING AND CHANGING 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 Dean.

GRADATES AND HONOR POINTS

No course may be dropped without the permission of the Dean. 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 Dean. Refunds are based upon the date of such approval. Students who withdraw without permission will have grades of F recorded for all courses.

The following grading system is in effect at Dordt College.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points Per Hour</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>4</td>
<td>Exceptional</td>
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<tr>
<td>B</td>
<td>3</td>
<td>Good</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
<td>Graduation Average</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>Unsatisfactory</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
<td>Failure</td>
</tr>
<tr>
<td>Wp</td>
<td>0</td>
<td>Withdrawn Passing</td>
</tr>
<tr>
<td>Wf</td>
<td>0</td>
<td>Withdrawn Failing</td>
</tr>
</tbody>
</table>
HONOR POINT AVERAGE

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

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 an honor 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 honor point average is granted the $25.00 Freshman Prize.

Freshman Honors

Freshmen who have completed at least 28 hours and have maintained an honor point average of at least 3.50 are awarded Freshman Honors.

Sophomore Prize

The sophomore student with the highest cumulative honor 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 honor point average of at least 3.50 are awarded Sophomore Honors.

Junior Prize

The junior student with the highest cumulative honor 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 honor point average of at least 3.50 are awarded Junior Honors.

Graduation Honors

The diploma 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 honor 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 honor point average for graduation. When the honor 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 honor point average above academic probation classification, he will be required to receive special permission to register for further work at Dordt College. The Fac-
ulty Academic Affairs 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 apply for readmission after a lapse of one or more semesters.

GRADING 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 advisor.

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. After the first semester students may also obtain copies of grade reports from their faculty adviser.

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.

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 Dean of the College. In no case will students be permitted to carry a load greater than that stated in the catalog.
REQUIREMENTS FOR GRADUATION

BACHELOR OF ARTS - GENERAL COURSE
BACHELOR OF ARTS - SECONDARY EDUCATION
BACHELOR OF ARTS - ELEMENTARY EDUCATION
BACHELOR OF ARTS - PRE-SEMINARY
MISCELLANEOUS CURRICULA
TEACHER EDUCATION PROGRAM
REQUIREMENTS FOR GRADUATION

Requirements for graduation with the Bachelor of Arts degree are met through a broadly based program of both general and specialized education.

BACHELOR OF ARTS - GENERAL COURSE

1. HOURS:

A student must complete 126 semester hours of academic work to graduate with the Bachelor of Arts degree.

2. GRADE AVERAGE:

A student must earn a grade point average of 2.00 or better to graduate with the Bachelor of Arts degree.

3. RESIDENCE:

A student must be in residence for the last academic year before graduation, and he must carry a credit load of at least 30 semester hours. This requirement may be modified in the case of returning students who have been enrolled for at least two full years previously.

4. GENERAL EDUCATION REQUIREMENTS:

   a. HUMANITIES

      English 103-104- Freshman English ......................... 6
      Speech 103- Fundamentals of Speech .......................... 2
      Bible 101-102- History of Revelation ........................ 4
      Bible 201- Reformed Doctrine ............................... 2
      Bible 202 - Readings in Reformed Doctrine .................. 2
      Bible 302- Calvinism ......................................... 2
      Phil. 201- Perspectives of Philosophy ...................... 3
      *Electives .................................................... 12

      *(from English 201-202, English 207-208, Music Art, Philosophy, and Foreign Language)

   b. SOCIAL SCIENCES

      Hist. 101-102 - Western Civilization .......................... 6
      Psych. 201- General Psychology ............................... 3
      Elective from Sociology, Economics, Political Science,
      History ...................................................... 3

      12

   c. NATURAL SCIENCES

      A one year sequence in a natural science selected from
      Biology, Chemistry, Physics, Physical Science ............ 6-8
      Mathematics (demonstrate proficiency ) .................... 0-3

      6-11

NOTE: Every student must demonstrate proficiency in mathematics. This requirement can be met by any one of the following:
1. Completing two years of high school mathematics with an average grade of B or better.

2. Earning sufficiently high scores on the mathematics section of the A.C.T. entrance test.

3. Satisfactorily completing Mathematics 106 or any course in the mathematics department.

5. SPECIAL SUBJECT REQUIREMENTS:

   Foreign language ............................................................ 12-14

   Students will be required to complete the equivalent of two years (four semesters) of one foreign language. Foreign language credit earned in high school may be applied to reduce this requirement on the basis of one year of high school language being equivalent to one semester of college work. A foreign language taken in high school may not be credited toward a major or a minor or toward the 126 semester hours required for graduation.

6. MAJOR:

   A student is required to complete a major, or at least 30 semester hours from one of the following subject matter areas:

   Biology  
   Chemistry  
   English  
   German  
   History  
   Mathematics  
   Music  
   Philosophy  
   Physical Education  
   Physics

7. MINOR:

   A student is required to complete a minor of at least 18 semester hours from one of the following subject matter areas:

   Biology  
   Chemistry  
   English  
   German  
   Greek  
   History  
   Latin  
   Mathematics  
   Music  
   Philosophy  
   Physical Education  
   Physics  
   Speech

8. PHYSICAL EDUCATION:

   Each student must complete four semesters of physical education.

BACHELOR OF ARTS - SECONDARY EDUCATION

1. HOURS:

   A student must complete 126 semester hours of academic work to graduate with the Bachelor of Arts degree.

2. GRADE AVERAGE:

   A student must earn a grade point average of 2.00 or better to graduate with the Bachelor of Arts degree.
3. RESIDENCE:

A student must be in residence for the last academic year before graduation, and he must carry a credit load of at least 30 semester hours. This requirement may be modified in the case of returning students who have been enrolled for at least two full years previously.

4. GENERAL EDUCATION REQUIREMENTS:

a. HUMANITIES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 103-104- Freshman English</td>
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<tr>
<td>Speech 103- Fundamentals of Speech</td>
<td>2</td>
</tr>
<tr>
<td>Bible 101-102- History of Revelation</td>
<td>4</td>
</tr>
<tr>
<td>Bible 201- Reformed Doctrine</td>
<td>2</td>
</tr>
<tr>
<td>Bible 202 - Readings in Reformed Doctrine</td>
<td>2</td>
</tr>
<tr>
<td>Bible 302- Calvinism</td>
<td>2</td>
</tr>
<tr>
<td>Phil. 201- Perspectives of Philosophy</td>
<td>3</td>
</tr>
</tbody>
</table>

*Electives                                              12

*(from English 201-202, English 207-208, Music Art, Philosophy, and Foreign Language)

33

b. SOCIAL SCIENCES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hist. 101-102 - Western Civilization</td>
<td>6</td>
</tr>
<tr>
<td>Psych. 201- General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Elective from Sociology, Economics, Political Science, History</td>
<td>3</td>
</tr>
</tbody>
</table>

12

c. NATURAL SCIENCES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A one year sequence in a natural science selected from Biology, Chemistry, Physics, Physical Science</td>
<td>6-8</td>
</tr>
<tr>
<td>Mathematics (demonstrate proficiency )</td>
<td>0-3</td>
</tr>
</tbody>
</table>

6-11

NOTE: Every student must demonstrate proficiency in mathematics. This requirement can be met by any one of the following:

1. Completing two years of high school mathematics with an average grade of B or better.
2. Earning sufficiently high scores on the mathematics section of the A.C.T. entrance test.
3. Satisfactorily completing Mathematics 106 or any course in the mathematics department.
5. SPECIAL SUBJECT REQUIREMENTS:

Foreign language .............................................. 12-14

Students will be required to complete the equivalent of two years (four semesters) of one foreign language. Foreign language credits earned in high school may be applied to reduce this requirement on the basis of one year of high school language being equivalent to one semester of college work. A foreign language taken in high school may not be credited toward a major or a minor or toward the 126 semester hours required for graduation.

History 201, History 202, or Political Science 202 - American History or American Government .............................................. 3

15-17

6. MAJOR:

A student is required to complete a major of at least 30 semester hours from one of the following subject matter areas:

- Biology
- Mathematics
- Natural Science with a:
  - Chemistry Emphasis
- English
- Physical Education
- Mathematics Emphasis
- German
- History
- Physics Emphasis

7. MINOR:

A student is required to complete a minor of at least 18 semester hours from one of the following subject matter areas:

- Biology
- Mathematics
- Chemistry
- Music
- English
- Physical Education
- German
- Physics
- History
- Speech
- Latin

8. PHYSICAL EDUCATION:

Each student must complete four semesters of physical education.

9. PROFESSIONAL COURSES:

a. COMMON COURSES WHICH ARE TAKEN BY ALL EDUCATION STUDENTS

Education 205 - Psychology of Growth and Development 3
Education 206 - Psychology of Education & Measurement 3
Education 364 - Principles of Education ....................... 3
Education 374 - Practice Teaching, Secondary .............. 6

15
b. SECONDARY EDUCATION COURSES

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 203-Principles of Teaching in the Secondary School</td>
<td>2</td>
</tr>
<tr>
<td>Education 340-347-Methods of Teaching (Major)</td>
<td>2</td>
</tr>
<tr>
<td>Education 340-347-Methods of Teaching (Minor)</td>
<td>2</td>
</tr>
</tbody>
</table>

**BACHELOR OF ARTS - ELEMENTARY EDUCATION**

1. **HOURS:**
   
   A student must complete 126 semester hours of academic work to graduate with the Bachelor of Arts degree.

2. **GRADE AVERAGE:**

   A student must earn a grade point average of 2.00 or better to graduate with the Bachelor of Arts degree.

3. **RESIDENCE:**

   A student must be in residence for the last academic year before graduation, and he must carry a credit load of at least 30 semester hours. This requirement may be modified in the case of returning students who have been enrolled for at least two full years previously.

4. **GENERAL EDUCATION REQUIREMENTS:**

   a. **HUMANITIES**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speech 103-Fundamentals of Speech</td>
<td>2</td>
</tr>
<tr>
<td>Bible 101-102-History of Revelation</td>
<td>4</td>
</tr>
<tr>
<td>Bible 201-Reformed Doctrine</td>
<td>2</td>
</tr>
<tr>
<td>Bible 202-Readings in Reformed Doctrine</td>
<td>2</td>
</tr>
<tr>
<td>Bible 302-Calvinism</td>
<td>2</td>
</tr>
<tr>
<td>Phil. 201-Perspectives of Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>* Electives</td>
<td>12</td>
</tr>
<tr>
<td><em>(from English 201-202, English 207-208, Music, Art, Philosophy, and Foreign Language)</em></td>
<td>33</td>
</tr>
</tbody>
</table>

   b. **SOCIAL SCIENCES**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hist. 101-102-Western Civilization</td>
<td>6</td>
</tr>
<tr>
<td>Psych. 201-General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Elective from Sociology, Economics, Political Science, History</td>
<td>3</td>
</tr>
</tbody>
</table>

   12

   c. **NATURAL SCIENCES**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A one year sequence in a natural science selected from Biology, Chemistry, Physics, Physical Science</td>
<td>6-8</td>
</tr>
<tr>
<td>Mathematics (demonstrate proficiency)</td>
<td>0-3</td>
</tr>
</tbody>
</table>

   6-11
NOTE: Every student must demonstrate proficiency in mathematics. This requirement can be met by anyone of the following:

1. Completing two years of high school mathematics with an average grade of B or better.
2. Earning sufficiently high scores on the mathematics section of the A.C.T. entrance test.
3. Satisfactorily completing Mathematics 106 or any course in the mathematics department.

5. SPECIAL SUBJECT REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>History 201-202 - American History</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics 106 - Elements of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Art 211 - Art for the Elementary School Teacher</td>
<td>2</td>
</tr>
<tr>
<td>Art 212 - Arts and Crafts</td>
<td>2</td>
</tr>
<tr>
<td>Music 311 - Methods and Materials of Elementary Music Education</td>
<td>4</td>
</tr>
<tr>
<td>Music 312 - Teaching Music in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>Geography 201 - Principles of Geography</td>
<td>3</td>
</tr>
<tr>
<td>Education 102 - Children’s Literature</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 105 - Physical Education for Classroom Teachers</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 106 - Organization of the School Health Program</td>
<td>2</td>
</tr>
</tbody>
</table>

Total: 28

6. MAJOR:
The major will be in elementary education.

7. AREAS OF SPECIALIZATION:
Each student will select two areas listed below for specialization. The exact requirements for each subject area are designated by the department.

<table>
<thead>
<tr>
<th>Biology</th>
<th>Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>Music</td>
</tr>
<tr>
<td>English</td>
<td>Natural Science</td>
</tr>
<tr>
<td>German</td>
<td>Physical Education</td>
</tr>
<tr>
<td>History</td>
<td>Physics</td>
</tr>
<tr>
<td>Latin</td>
<td>Speech</td>
</tr>
</tbody>
</table>

8. PHYSICAL EDUCATION:
Each student must complete four semesters of physical education.

9. PROFESSIONAL COURSES:
a. COMMON COURSES WHICH ARE TAKEN BY ALL EDUCATION STUDENTS
Education 205 - Psychology of Growth and Development .......... 3
Education 206 - Psychology of Education and Measurement ................................................................. 3
Education 364 - Principles of Education ............................................. 3
Education 372 - Practice Teaching, Elementary ..................................... 6

b. ELEMENTARY EDUCATION COURSES
Education 201 - Principles of Teaching in the Elementary School ................................................................. 2
Education 322 - Teaching Arithmetic in the Elementary School .......... 2
Education 323 - Teaching Reading in the Elementary School ............. 3
Education 324 - Teaching Language Arts in the Elementary School ................................................................. 2
Education 325 - Teaching Sciences in the Elementary School ............. 2

BACHELOR OF ARTS - PRE-SEMINARY
1. HOURS:
A student must complete 126 semester hours of academic work to graduate with a Bachelor of Arts degree.

2. GRADE AVERAGE:
A student must earn a grade point average of 2.00 or better to graduate with the Bachelor of Arts degree. Admission to Calvin Theological Seminary requires a grade point average of 2.67 or better.

3. RESIDENCE:
A student must be in residence for the last academic year before graduation, and he must carry a credit load of at least 30 semester hours.

4. GENERAL EDUCATION REQUIREMENTS:
   a. HUMANITIES
      English 103-104 - Freshman English ........................................ 6
      Speech 103 - Fundamentals of Speech .................................... 2
      Bible 101-102 - History of Revelation .................................... 4
      Bible 201 - Reformed Doctrine ........................................... 2
      Bible 302 - Calvinism ..................................................... 2
      *Electives ........................................................................ 12
      *(From English 201-202, English 207-208, Music Art, Philosophy, and Foreign Language) .................................................. 28

   b. SOCIAL SCIENCES
      History 101-102 - Western Civilization .................................... 6
      Psych, 201 - General Psychology .......................................... 3
      Elective from Sociology, Economics, History, Political Science ................................................................. 3

      .................................................................................. 12
c. NATURAL SCIENCES

A one-year sequence in a natural science selected from
Biology, Chemistry, Physics, Physical Science .......... 6-8
Mathematics (demonstrates proficiency) ................. 0-3

6-11

5. SPECIAL SUBJECT REQUIREMENTS:

English (Literature) ............................................. 6

Foreign Languages
Greek ............................................................... 14
101-102 - Elementary Greek
301-302 - Koine Greek

Latin .............................................................. 0
Two years of high school Latin or Latin 101-102

Dutch ............................................................... 14
101-102 - First-year Dutch
201-202 - Theological Dutch

* Students who have to take Latin 101-102 will receive credit for the course but the number of hours required for graduation will be increased to 134.

** A student whose native language is Dutch will be required to take German.

+++ Reading competence is required. This competence may be met by taking three years of course work or by sustaining the Seminary’s admission reading test.

History 203 - History of Ancient Greece .................... 3
History 204 - History of Ancient Rome ....................... 3
Science ............................................................ 9
(One year of either Biology 101-102 or Phy. Science
205-206 and one semester of the remaining sequence)

Phil. 202 - Logic .................................................. 3
Phil. 301 - History of Phil.: Ancient .......................... 3
Phil. 302 - History of Phil.: Medieval ........................ 3
Phil. 303 - History of Phil.: Modern .......................... 3
Education 364 - Principles of Education ..................... 3
Social Science ..................................................... 6
(A one-year sequence in one of the following: Economics, Political Science, or Sociology)

Speech -201- Voice and Articulation .......................... 2
Speech -303- Advanced Public Speaking ..................... 3

6. MAJOR:

A student is required to complete a major of at least 30 semester hours
from one of the following subject matter areas: (The seminary recommends
in order of preference majors in Philosophy, History, and English as being
particularly relevant to the theological scholarship and designed to assist
the student in meeting course requirements which have been specified).
7. MINOR:

A student is required to complete a minor of at least 18 semester hours from one of the following subject matter areas: (The seminary also requires another 12-hour minor, but this is automatically completed if all special educational requirements are met).

8. PHYSICAL EDUCATION:

Each student must complete four semesters of physical education.

OTHER PROFESSIONAL CURRICULA

Students interested in taking pre-professional curricula such as pre-law, pre-engineering, pre-medical, pre-dental, pre-nursing, medical technology are able to set up programs in these areas.

Because schools in these fields have no established pattern of required courses, the student should select courses which meet the requirements of the professional school which he will later attend.

Those interested in these fields should consult the Dean about their future plans.

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 43 semester hours of credit have been earned. Official application forms may be obtained from the Dean’s office.

Completed application forms will be reviewed by the Committee on Teacher Education. The Committee will expect that 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 Committee on Teacher Education 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 on Teacher Education 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. Those who enter the program in their senior year will be expected to meet the grade point averages stated in the section on Admission to Practice Teaching.

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 earned 73 semester hours of 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 both areas 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 as professional education courses.

3. A grade point average of 2.00 in work completed in the minor field.

4. A grade point average of 2.10 in work completed in the major field.

After the student has earned 103 semester hours of credit, 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 Committee on Teacher Education 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 completed a minimum of 88 hours of 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, 205, 206, 322, 323 and Psych. 201.
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 both areas of specialization.
B. Secondary education students

1. The student must have completed a minimum of 88 hours of 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, 205, 206, two courses from 341-347, and Psych. 201.

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 minor field.
   d. A grade point average of 2.20 in the major field.

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

Normally, practice teaching must be taken at Dordt College to receive graduation credit and recommendation for certification, and the semester preceding practice teaching must be completed at Dordt College.

REQUIREMENTS FOR INSTITUTIONAL RECOMMENDATION FOR CERTIFICATION

To qualify for certification a student must receive the recommendation of the Committee on Teacher Education. 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 both areas 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 2.00 in the minor field.
   d. A grade point average of 2.20 in the major field.
ORGANIZATION OF CURRICULUM
COURSE DESCRIPTIONS
For convenience of reference, the course descriptions in this catalog are listed alphabetically by departments. For Administrative purposes departments are organized into the following divisions:

DIVISION I - EDUCATION
   CHAIRMAN: Douglas Ribbens
   Education
   Physical Education
   Psychology

DIVISION II - FINE ARTS
   CHAIRMAN: Dale Grotenhuis
   Art
   Music

DIVISION III - LANGUAGE AND LITERATURE
   CHAIRMAN: Abraham Bos
   English
   German
   Latin
   Speech

DIVISION IV - NATURAL SCIENCES
   CHAIRMAN: Russell Maatman
   Biology
   Chemistry
   Mathematics
   Physical Science
   Physics

DIVISION V - SOCIAL SCIENCES AND HUMANITIES
   CHAIRMAN: Nick Van Til
   Bible
   Dutch
   Economics
   Geography
   Greek
   History
   Philosophy
   Political Science
   Sociology
COURSE DESCRIPTIONS

ART (10)

10:211 ART FOR THE ELEMENTARY TEACHER 2 HOURS
Methods and techniques of organizing and motivating art instruction for elementary school children. Creative work with materials for the young child: crayon, cut paper, water color, poster paint.

10:212 ARTS AND CRAFTS 2 HOURS
Creative work with craft materials suitable for later elementary grades. Practice in drawing and rendering techniques of charcoal, ink, watercolor, tempera.

BIBLE (12)

12:101 HISTORY OF REVELATION 2 HOURS
Efforts are aimed to present Special Revelation from the historical standpoint, to exhibit the organic growth of Revelation from the preredemptive period to the close of the New Testament Canon. The distinctive characteristics of Special Revelation in the Pre-redemptive, Noachian, Patriarchal, Mosaic, Prophetical and New Testament periods and their relationship to each other are discussed.

12:102 HISTORY OF REVELATION 2 HOURS
Continuation of 101.

12:201 REFORMED DOCTRINE 2 HOURS
Within the basic framework of the six major fields of doctrine, emphasis is placed on doctrinal studies contributed by Reformed theologians.

12:202 READING IN REFORMED DOCTRINE 2 HOURS
The course involves reading, writing and discussion relative to various theological subjects, to acquaint the student with Reformed theologians and their works.

12:302 CALVINISM 2 HOURS
The principles of Calvinism are studied by tracing their application by John Calvin in the city of Geneva and their historical development in Calvinistic countries. These principles are also viewed in the perspective of the present and the future.

BIOLOGY (15)

GENERAL MAJOR: Biology 115, 122, 200, 213 and sixteen elective hours in biology.
EDUCATION MAJOR: Biology 115, 122, 200, 213 and sixteen elective hours in biology.

GENERAL MINOR: Biology 155, 122 and ten elective hours in biology.

EDUCATION MINOR: Biology 155, 122, 200 and seven elective hours in biology.

AREA OF SPECIALIZATION: Biology 115, 122, 200 and seven elective hours in biology.

15:101 BIOLOGICAL SCIENCE 3 HOURS
   An introduction to the principles and concepts of biology, and their implications. A survey of the plant and the animal kingdoms is included. Two lectures and one laboratory period of two hours per week. Not for Biology majors and minors.

15:102 BIOLOGICAL SCIENCE 3 HOURS
   A continuation of Biology 101.

15:115 GENERAL BOTANY 4 HOURS
   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.

15:122 GENERAL ZOOLOGY 4 HOURS
   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.

15:200 PRINCIPLES OF ECOLOGY 3 HOURS
   A study of local flora and fauna and their relationships to the environment. Major habitat types will be discussed. Two lectures and one laboratory period of two hours per week. Prerequisite: Biology 155 and 122.

15:201 HUMAN ANATOMY AND PHYSIOLOGY 5 HOURS
   An introduction to the study of human biology, with emphasis on the structures and functions of the organ systems of man. Four lectures and one laboratory period of two hours per week. Prerequisite: Biology 122.

15:211 INVERTEBRATE ZOOLOGY 4 HOURS
   A study of the taxonomy, anatomy, life history and ecology of certain groups of invertebrates. Two lectures and two laboratory periods of two hours per week. Prerequisite: Biology 122.
15:213 GENETICS 3 HOURS
An introduction to the principles of inheritance and variation in plants, animals and man. Three lectures per week. Prerequisites: Biology 115 and 122.

15:217 PLANT MORPHOLOGY 4 HOURS
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.

15:301 EMBRYOLOGY 3 HOURS
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.

15:302 MICROBIOLOGY 3 HOURS
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.

15:303 MICROSCOPIC TECHNIQUE 1 HOUR
An introduction to the methods of fixing, mounting and staining tissues for microscopic examination. Whole mount techniques, basic optics and principles of staining will be included. One laboratory period of two (four) hours per week. Prerequisite: Biology 115 and 122.

15:304 HISTOLOGY 4 HOURS
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.

15:312 COMPARATIVE ANATOMY OF VERTEBRATES 4 HOURS
A comparative study of the anatomy of vertebrate animals. Two lectures and two laboratory periods of four hours per week. Prerequisite: Biology 122 and 301.

15:351 BIOLOGICAL PROBLEMS 1 HOUR
A study of the theories of origins, of the history and evidences of evolutionism, and analysis of contemporary ideology. Open to all Jr. and Sr. students.

15:355 RESEARCH 1 HOUR
Original laboratory or field research on an assigned problem, supervised by the department staff. Open only to Jr. and Sr. Biology majors.
CHEMISTRY (20)

GENERAL MAJOR: Chemistry 103, 104, 201, 202, 301, 302, 311, 312, 351, 352, 353, 354, and two elective hours in chemistry.

EDUCATION MAJOR: Chemistry 103, 104, 201, 202, 301, 302, 311, and three elective hours in chemistry.

GENERAL MINOR: Chemistry 103, 104, 201, 202 and two or three elective hours in chemistry.

EDUCATION MINOR: Chemistry 103, 104, 201, 202, and two or three elective hours in chemistry.

AREA OF SPECIALIZATION: Chemistry 103, 104, 201, 202, and three elective hours in chemistry.

20:103 GENERAL AND ANALYTICAL CHEMISTRY 4 HOURS
A course in principles and descriptive chemistry. The laboratory includes a course in qualitative analysis. Three lectures and one laboratory period per week.

20:104 GENERAL AND ANALYTICAL CHEMISTRY 4 HOURS
A continuation of 103. The laboratory is a course in wet quantitative analysis. Three lectures and one laboratory period per week.

20:201 ORGANIC CHEMISTRY 4 HOURS
A study of the chemistry of the hydrocarbons, including aliphatic, cyclic and aromatic. An introduction to organic reaction mechanisms. Three lectures and one laboratory period per week. Prerequisite: Chemistry 104.

20:202 ORGANIC CHEMISTRY 4 HOURS
A study of the various organic functional groups. The study of organic reaction mechanisms is continued. Three lectures and one laboratory period per week.
20:205 BIOCHEMISTRY
3 HOURS

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.

20:301 PHYSICAL CHEMISTRY
4 HOURS

The kinetic theory applied to gases, liquids, and solids. An introduction to thermodynamics. Three lectures and one laboratory period per week. Open only to juniors and seniors. Prerequisites: Chemistry 104, Physics 202 and Mathematics 112.

20:302 PHYSICAL CHEMISTRY
4 HOURS

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

20:310 QUALITATIVE ORGANIC ANALYSIS
4 HOURS

Qualitative analysis of organic compounds via their functional groups. Single compounds and mixtures will be determined. Included will be discussion of nuclear magnetic resonance, ultraviolet spectroscopy, and mass spectroscopy. The infrared spectrometer will be employed to establish the identity of some compounds. Two lectures and two laboratory periods per week. Prerequisite: Chemistry 202 or permission of instructor.

20:311 ADVANCED INORGANIC CHEMISTRY
3 HOURS

A study of atomic, molecular, and crystal structure and a brief survey of the chemistry of the elements; based on physical principles underlying the periodic arrangement of the elements. Three lectures per week. Prerequisite: Chemistry 104.

20:312 INSTRUMENTAL ANALYSIS
3 HOURS

Chromatographic, optical, and electrical methods of quantitative analysis and theoretical study. Two hours of lecture and one laboratory period per week. Prerequisites: Chemistry 301 or permission.

20:351 SEMINAR
1 HOUR

Selected advanced topics in chemistry will be discussed. Students will be expected to do library research in support of the preparation and presentation of scholarly papers to the seminar group. All chemistry majors in their senior year are strongly urged to enroll in this course. Juniors are encouraged to audit the course.

20:352 SEMINAR
1 HOUR

A continuation of 351.

20:353 RESEARCH
1 HOUR

An original investigation carried on under departmental supervision.

20:354 RESEARCH
1 HOUR

Continuation of 353.
DUTCH (23)

23:101 FIRST YEAR DUTCH 4 HOURS
The basic grammar rules of the Dutch language are studied; special attention is given to translation and idiomatic expressions.

23:102 FIRST YEAR DUTCH 4 HOURS
Continuation of 101.

23:201 THEOLOGICAL DUTCH 3 HOURS
This course is designed to give the student a reading knowledge of the Dutch in commentaries on Scripture and the Heidelberg Catechism.

23:202 THEOLOGICAL DUTCH 3 HOURS
Continuation of 201.

ECONOMICS (26)

26:201 PRINCIPLES OF ECONOMICS 3 HOURS
A study of the fundamental principles which apply to the economic life in modern society and a general consideration of economic problems.

26:202 PRINCIPLES OF ECONOMICS 3 HOURS
Continuation of Economics 201.

EDUCATION (28)

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 Program and or graduation, see Requirements for Graduation Section of this Catalog.
28:102 CHILDREN’S LITERATURE 2 HOURS
This course will be devoted to a study of various types and classifications of children’s literature and how they fit into the elementary school program. The course will provide sources of information about book selection, children’s reading interests, and important authors and illustrators in the field. Careful reading and evaluation of children’s books will be included in the course.

28:201 PRINCIPLES OF TEACHING IN THE ELEMENTARY SCHOOL 2 HOURS
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. Attention will also be given to an overview of various philosophic approaches to education.

28:203 PRINCIPLES OF TEACHING IN THE SECONDARY SCHOOL 2 HOURS
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, the curriculum, instructional procedures, and evaluations. Attention will also be given to an overview of various philosophic approaches to education.

28:205 PSYCHOLOGY OF GROWTH AND DEVELOPMENT 3 HOURS
(See description under Psychology 205)

28:206 PSYCHOLOGY OF LEARNING AND MEASUREMENT 3 HOURS
(See description under Psychology 206)

28:322 TEACHING OF ARITHMETIC IN THE ELEMENTARY SCHOOL 2 HOURS
This course will deal with methods, materials, objectives, and means of evaluation as they relate to the fundamental concepts of arithmetic for the elementary school child. Prerequisite: Mathematics 106.

28:323 TEACHING OF READING IN THE ELEMENTARY SCHOOL 3 HOURS
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 at the elementary level.

28:324 TEACHING OF THE LANGUAGE ARTS IN THE ELEMENTARY SCHOOL 2 HOURS
This course will deal with the principles, techniques, materials and methods of evaluating English grammar and composition, spelling, handwriting, listening and speaking.

28:325 TEACHING OF THE SCIENCES IN THE ELEMENTARY SCHOOL 2 HOURS
This course will include the principles and techniques of teaching both the natural sciences and the social sciences in the elementary school.

28:340 METHODS OF TEACHING BIOLOGY 2 HOURS
A review of recent trends in biology teaching. Use of A-V aids 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.
28:341 METHODS OF TEACHING CHEMISTRY 2 HOURS
Methods of teaching the physical sciences in secondary school, including an introduction to and evaluation of various science course improvement programs.

28:342 METHODS OF TEACHING ENGLISH 2 HOURS
Practice in course planning. Methods and approaches to teaching literature, language, and composition with limited practice. Some inquiry into the basic purposes for teaching these materials. Discussion of related problems, such as book reporting, the research paper, vocabulary improvement, spelling, and professionalism in teaching.

28:343 METHODS OF TEACHING GERMAN 2 HOURS
The methods of teaching German in the secondary school.

28:344 METHODS OF TEACHING HISTORY 2 HOURS
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.

28:345 METHODS OF TEACHING LATIN 2 HOURS
The methods of teaching Latin in the secondary school.

28:346 METHODS OF TEACHING MATHEMATICS 2 HOURS
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.

28:347 METHODS OF TEACHING SPEECH 2 HOURS
A study of the history and content of the discipline of speech and its place in a liberal arts education with consideration given to objectives and activities for courses in speech at the high school level.

28:364 PRINCIPLES OF EDUCATION 3 HOURS
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.

28:372 PRACTICE TEACHING - ELEMENTARY 6 HOURS
This course is designed to permit students who have attained 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.

28:374 PRACTICE TEACHING - SECONDARY 6 HOURS
Same as above, except observation, participation and actual teaching will be done in the secondary schools.

ENGLISH (30)

GENERAL MAJOR: English 103, 104, 207, 208, 303, 314 or 315, 302 or 316 or 317, and fifteen elective hours in English.
EDUCATION MAJOR: English 103, 104, 201, 202, 301, 303, 314 or 315, 316 or 317 and twelve elective hours in English.

GENERAL MINOR: English 103, 104, and twelve elective hours in English.

EDUCATION MINOR: English 103, 104, 201, 202 and six elective hours in English.

AREA OF SPECIALIZATION: English 103, 104, 201-202 or 207-208 and twelve elective hours in English.

30:103 FRESHMAN ENGLISH  
3 HOURS
Two genres: the essay and the short story. Student essays. Introduction to the analytical paper. Class lectures and group discussion. One of three tests on The Harper Handbook must be passed.

30:104 FRESHMAN ENGLISH  
3 HOURS
Three genres: poetry, novel, and drama. Analytical papers and exercises in the research paper. Class lectures and group discussions.

30:201 AMERICAN LITERATURE  
3 HOURS
A survey of the historical development of American prose and poetry in the context of the Puritan, neoclassical, and romantic periods. One paper.

30:202 AMERICAN LITERATURE  
3 HOURS
A continuation study of the historical development of American Literature beginning with Whitman and extending to contemporary authors. One paper.

30:207 WORLD LITERATURE  
3 HOURS
Analysis and evaluation of statement, structure, and substance in works of Homer, Aeschylus, Augustine, Dante, Milton, Pascal, Goethe, and others.

30:208 WORLD LITERATURE  
3 HOURS
Continuing study of metaphorical mode and religious meaning in works of Moliere, Voltaire, Balzac, Dostoevski, Ibsen, Kafka, Sartre, Camus, and others.

30:301 ADVANCED COMPOSITION  
3 HOURS
Analysis of style and the concomitant writing of critical and expository essays, reviews, short stories, and poetry.

30:302 THE ENGLISH NOVEL  
3 HOURS
A study of the development of the English novel from Defoe through Conrad. Lectures, discussion, and papers.

2 HOURS
30:303 THEORY OF LITERATURE

New perspectives of the foundations of literary criticism, with more conventional Christian and secular theories assigned and contiguously compared.

30:312 SHAKESPEARE AND ELIZABETHAN DRAMA

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.

30:312a: Primary emphasis on a study of Shakespeare's tragedies, some attention to other Elizabethan playwrights, and to background. One paper. 2 HOURS

30:314 ENGLISH WRITERS TO 1660

Prose and poetry. Emphasis on Chaucer and Donne, with some attention given to other writers of the time, including Milton. Two papers.

30:315 ENGLISH WRITERS 1660-1800

Study of selected works of Dryden, Pope, Swift, and Johnson. Some works of the following authors also discussed: Addison and Steele, Gay, Thompson, Gray, Goldsmith, Gibbon, Cowper, Burke, and Burns.

30:316 THE AGE OF WORDSWORTH

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

30:317 VICTORIAN LITERATURE

Prose and poetry. Emphasis on Carlyle, Newman, Tennyson, Browning and Arnold with some attention given to other writers of the time. Lectures, discussion, papers.

30:318 CONTEMPORARY ENGLISH LITERATURE

Intensive analytical evaluative study of poems and three novels by such writers as Hardy, Hopkins, Yeats, Auden, Lawrence, Wells, Joyce and C.S. Lewis. Critical reviews and panel presentations on other contemporary novelists.

30:318a: Same course description as above, except for the omission of five weeks of poetry and the first test. 2 HOURS

GEOGRAPHY (33)

33:201 PRINCIPLES OF GEOGRAPHY

An introductory course in college geography dealing with the nature and distribution of the major types of land forms; climate, kinds of soil and other natural resources; a discussion of natural environment and its relations to human activities.

GERMAN (36)

GENERAL MAJOR: German 201-202, 303-304 or 305-306 and eighteen elective hours in German.

EDUCATION MAJOR: German 201-202, 301, 302, four hours of conversation and sixteen hours of electives in German.
**GENERAL MINOR:** German 201-202, 303-304 or 305-306 and six elective hours in German.

**EDUCATION MINOR:** German 201-202, 301, 302, two hours of conversation and six elective hours in German.

**AREA OF SPECIALIZATION:** German 201-202, 301, 302, two hours of conversation and six elective hours in German.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>36:101</td>
<td>FIRST YEAR GERMAN</td>
<td>4</td>
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<tr>
<td></td>
<td>Emphasis on the basic structures of the language, on pronunciation and spoken German. Assigned work in the language laboratory.</td>
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<tr>
<td>36:102</td>
<td>FIRST YEAR GERMAN</td>
<td>4</td>
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<tr>
<td></td>
<td>Continuation of 101. Additional emphasis on reading.</td>
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<tr>
<td>36:107</td>
<td>BASIC CONVERSATION</td>
<td>1</td>
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<tr>
<td>36:108</td>
<td>BASIC CONVERSATION</td>
<td>1</td>
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<tr>
<td>36:201</td>
<td>SECOND YEAR GERMAN</td>
<td>3</td>
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<td></td>
<td>Emphasis on literary and cultural readings. Also, a structural review, work in vocabulary building and selected collateral reading and listening. Prerequisite: German 102 or its equivalent.</td>
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<tr>
<td>36:202</td>
<td>SECOND YEAR GERMAN</td>
<td>3</td>
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<tr>
<td></td>
<td>Continuation of 201.</td>
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<tr>
<td>36:207</td>
<td>INTERMEDIATE CONVERSATION</td>
<td>1</td>
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<tr>
<td>36:208</td>
<td>INTERMEDIATE CONVERSATION</td>
<td>1</td>
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<tr>
<td>36:301</td>
<td>GERMAN LINGUISTICS</td>
<td>2</td>
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<td></td>
<td>A contrast of the sound system and structure of German with English. Primarily designed for future teachers of German. Prerequisite: Departmental approval.</td>
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<tr>
<td>36:302</td>
<td>ADVANCED GERMAN GRAMMAR</td>
<td>2</td>
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<td></td>
<td>This course is designed especially for those who will be teaching the language or who feel a need for a better understanding of the structure of the language. Prerequisite: 202.</td>
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<tr>
<td>36:303</td>
<td>NOVELLE</td>
<td>3</td>
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<tr>
<td></td>
<td>The Novelle of the 19th century studied through definition and examples. Prerequisite: German 202.</td>
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<tr>
<td>36:304</td>
<td>PROSE OF THE 20TH CENTURY</td>
<td>3</td>
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<tr>
<td></td>
<td>Continuation of 303. Naturalism to the present day, with special attention given to the shorter prose forms. Prerequisite: 202.</td>
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<tr>
<td>36:305</td>
<td>SURVEY OF GERMAN LITERATURE BEFORE 1800</td>
<td>3</td>
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<td></td>
<td>An historical survey of the extent of German literature; the genres, the major writers, and the movements. Prerequisite: 202.</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>36:306</td>
<td>GERMAN DRAMA</td>
<td>3 HOURS</td>
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<td></td>
<td>Continuation of 305. A study of German drama with emphasis on classical and contemporary playwrights. Prerequisite: 202.</td>
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<tr>
<td>36:307</td>
<td>ADVANCED CONVERSATION</td>
<td>1 HOUR</td>
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<tr>
<td>36:308</td>
<td>ADVANCED CONVERSATION</td>
<td>1 HOUR</td>
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<tr>
<td>36:314</td>
<td>GOETHE IN ENGLISH TRANSLATION</td>
<td>3 HOURS</td>
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<td></td>
<td>Introduction to Goetheana in the light of literary theory. Early to late Goethean Tragedy: Werther and parts of the Faust. No knowledge of German required.</td>
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<tr>
<td>36:315</td>
<td>MAJOR GERMAN AUTHORS</td>
<td>3 HOURS</td>
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<td></td>
<td>Readings in German, Lectures in German and English. Prerequisite: Departmental approval.</td>
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<tr>
<td>36:316</td>
<td>MAJOR GERMAN AUTHORS</td>
<td>3 HOURS</td>
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<tr>
<td></td>
<td>Readings in German, Lectures in German and English. Prerequisite: Departmental approval. 36:316a: This course may be taken for 2 HOURS by returning practice teachers</td>
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<td>GREEK (38)</td>
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<td>38:101</td>
<td>ELEMENTARY GREEK</td>
<td>4 HOURS</td>
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<tr>
<td></td>
<td>An introduction to classical Greek. Text: Crosby and Schaeffer, AN INTRODUCTION TO GREEK.</td>
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<tr>
<td>38:102</td>
<td>ELEMENTARY GREEK</td>
<td>4 HOURS</td>
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<td></td>
<td>Continuation of 101.</td>
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<td>38:201</td>
<td>INTERMEDIATE GREEK</td>
<td>3 HOURS</td>
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<td></td>
<td>Readings from Xenophon's ANABASIS and Plato's DIALOGUES.</td>
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<tr>
<td>38:202</td>
<td>HELLENISTIC GREEK</td>
<td>3 HOURS</td>
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<tr>
<td></td>
<td>Readings from the Greek of the Hellenistic Age. Text: Wikgren, HELLENISTIC GREEK TEXTS.</td>
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<tr>
<td>38:301</td>
<td>NEW TESTAMENT GREEK</td>
<td>3 HOURS</td>
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<tr>
<td>38:302</td>
<td>NEW TESTAMENT GREEK</td>
<td>3 HOURS</td>
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<tr>
<td></td>
<td>Continuation of 301; rapid reading of large sections from the New Testament.</td>
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</tbody>
</table>
HISTORY (40)

GENERAL MAJOR: History 101, 102, 201, 202 and 24 hours of history distributed as prescribed by the department.

EDUCATION MAJOR: History 101, 102, 201, 202 and 24 hours of history distributed as prescribed by the department.

GENERAL MINOR: History 101, 102, 201, 202 and six elective hours of history.

AREA OF SPECIALIZATION: History 101, 102, 201, 202 and twelve hours of electives in history.

40:101 GROWTH OF WESTERN CIVILIZATION 3 HOURS

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.

40:102 GROWTH OF WESTERN CIVILIZATION 3 HOURS

Continuation of 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.

40:201 AMERICAN HISTORY 3 HOURS

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.

40:202 AMERICAN HISTORY 3 HOURS

Continuation of 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.

40:203 HISTORY OF ANCIENT GREECE 3 HOURS

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.

40:204 HISTORY OF ANCIENT ROME 3 HOURS

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.
40:205 MEDIEVAL EUROPE

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.

40:206 MEDIEVAL EUROPE

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

40:207 EARLY MODERN EUROPE TO 1689

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.

40:208 EARLY MODERN EUROPE, 1689-1815

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

40:209 EUROPEAN HISTORY SINCE 1815

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.

40:210 EUROPEAN HISTORY SINCE 1815

Continuation of 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.

40:301 ENGLAND TO 1783

Development of English life and institutions from recorded beginnings through the American Revolution. Rise of a united English kingdom, medieval England, the making of a great nation, the Reformation, development of Parliament and modern governmental institutions and the first empire to the American Revolution.

40:302 ENGLAND FROM 1783 TO THE PRESENT

Continuation of 301. Napoleonic Era, Victorian England, industrialism and imperialism and world wars, rise of the commonwealth and the decline of England as a world power.

40:303 MODERN RUSSIA

40:305 AMERICAN PROBLEMS  
3 HOURS

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.

LATIN (43)

GENERAL MINOR: Latin 201, 202, 301, 302, 305, 306.

EDUCATION MINOR: Latin 201, 202, 301, 302, 305, 306.

AREA OF SPECIALIZATION: Latin 201, 202, 301, 302, 305, 306.

43:101 ELEMENTARY LATIN  
4 HOURS

An introduction to classical Latin through the study of Latin morphology and syntax; simple readings.

43:102 ELEMENTARY LATIN  
4 HOURS

A continuation of Latin 101; completion of basic grammatical survey; reading of short prose selections.

43:201 INTERMEDIATE LATIN  
3 HOURS

An intensive review of Latin; reading of selected prose. The emphasis is on developing reading ability.

43:202 INTERMEDIATE LATIN  
3 HOURS

Continuation of 201; further readings from classical prose authors.

43:301 ADVANCED LATIN: CLASSICAL AUTHORS  
3 HOURS

Selected readings of prose and poetry from the classical authors. Prerequisite: Latin 202

43:302 ADVANCED LATIN: CLASSICAL AUTHORS  
3 HOURS

A continuation of Latin 301

43:305 ADVANCED LATIN  
3 HOURS

A survey of Latin Literature: selected readings of prose and poetry from early Latin to the church fathers. Prerequisite: Latin 202.

43:306 ADVANCED LATIN  
3 HOURS

A continuation of Latin 305.
MATHEMATICS (46)

GENERAL MAJOR: Mathematics 101, 112, 201, 202, and fifteen elective hours in mathematics.

EDUCATION MAJOR: Mathematics 101, 112, 201, 202, and fifteen elective hours in mathematics.

GENERAL MINOR: Mathematics 101, 112, 201, 202, and three elective hours in mathematics.

EDUCATION MINOR: Mathematics 101, 112, 201, 202, and three elective hours in mathematics.

AREA OF SPECIALIZATION: Mathematics 106 and fifteen hours of elective hours in mathematics.

46:100 INTRODUCTORY MATHEMATICS 3 HOURS
A review of the rudiments of algebra and trigonometry for students who have had only a minimum of high school preparation in mathematics.

46:101 COLLEGE ALGEBRA 3 HOURS
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.

46:106 ELEMENTS OF MATHEMATICS 3 HOURS
An elementary course in mathematics devoted to the study of mathematical systems, number systems, the foundations of geometry and elementary probability theory.

46:112 ANALYTIC GEOMETRY AND CALCULUS 4 HOURS
Introductory analytic geometry, functions, limits and derivatives, differentiation of functions, applications and conic sections. Prerequisite: Mathematics 101 or equivalent.

46:201 CALCULUS AND ANALYTIC GEOMETRY 4 HOURS
The definite integral, transcendental functions, vectors, formal integration, applications. Prerequisite: Mathematics 112.

46:202 CALCULUS 5 HOURS
Basic theorems of calculus, parametric equations, polar coordinates, infinite series, solid analytic geometry, partial differentiation and multiple integration. Prerequisite: Mathematics 201.

46:206 ELEMENTARY STATISTICS 3 HOURS
An introduction to basic concepts: averages, variation, probability and statistical inference with applications. Presentation of data. Use of calculating machines.
46:207 SET THEORY AND AXIOMATIC SYSTEMS 3 HOURS

Elements of set theory, finite and transfinite cardinal arithmetic, introduction to symbolic logic, development of the real number system. Prerequisite: Mathematics 101 or permission of department.

46:208 MODERN GEOMETRY 3 HOURS

Basic concepts of Euclidean, projective and non-Euclidean geometries. Prerequisite: Mathematics 101 or permission of department.

46:301 DIFFERENTIAL EQUATIONS 3 HOURS

A variety of techniques necessary for the solution of elementary differential equations and their applications. Prerequisite: Mathematics 202.

46:304 LINEAR ALGEBRA 3 HOURS

Vector spaces, linear transformations, matrices, linear systems. Prerequisite: Mathematics 202.

46:305 ELEMENTS OF ABSTRACT ALGEBRA 3 HOURS

Introduction to algebraic structures: groups, rings, integral domains, fields. Prerequisite: Mathematics 202.

46:309 PROBABILITY THEORY 3 HOURS

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

46:310 MATHEMATICAL STATISTICS 3 HOURS

An introduction to the mathematical theory and logic underlying statistical methods; population distribution functions, sampling distributions, estimation, tests of hypotheses and regression. Prerequisite: Mathematics 309.

46:311 ADVANCED CALCULUS I 3 HOURS

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

46:312 ADVANCED CALCULUS II 3 HOURS

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

46:350 SPECIAL TOPICS 1 HOUR

Selected topics in mathematics will be discussed. Students will be expected to do library research in the preparation and presentation of scholarly papers to the seminar group. Senior mathematics majors are urged to enroll in this course. Juniors are encouraged to audit the course.

46:351 SPECIAL TOPICS 1 HOUR

Continuation of 350.
MUSIC (49)


GENERAL MINOR: Music 103-104, 207-208, six hours of course work electives in music and four hours of applied music.

EDUCATION MINOR: Music 103-104, 207-208, 313 or 314, 315 or 316, and four hours of applied music.

AREA OF SPECIALIZATION: Music 103-104, 301-302, 311, 312, four elective hours in music and two hours of applied music.

49:103 THEORY 3 HOURS
A composite course of study in theory involving the structure of scales, intervals, chords, cadences; sight-singing and melodic, harmonic and rhythmic dictation. Meets four times per week.

49:104 THEORY 3 HOURS
Continuation of 103.

49:203 THEORY, ADVANCED 3 HOURS
Continuation of Theory 1. 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.

49:204 THEORY, ADVANCED 3 HOURS
Continuation of 203.

49:207 MUSIC HISTORY 3 HOURS
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 eras.

49:208 MUSIC HISTORY 3 HOURS
Continuation of 207
49:301 MUSIC LITERATURE 
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.

49:302 MUSIC LITERATURE 
Continuation of 301.

49:305 ARRANGING 
A detailed study of orchestral, band and choral arranging.

49:307 COUNTERPOINT 
The principles of contrapuntal composition, including a study of 16th century counterpoint, species counterpoint and contemporary contrapuntal practices.

49:308 COUNTERPOINT 
Continuation of 307.

49:309 FORM AND ANALYSIS 
A practical and analytical course in the structure of music forms.

49:310 COMPOSITIONAL TECHNIQUES 
Extensive analysis of compositional devices of past and present composers of music generative of student composition.

49:311 METHODS AND MATERIALS OF ELEMENTARY MUSIC EDUCATION 
A course designed to provide background skills, materials and techniques in music necessary for the prospective grade teacher.

49:312 TEACHING MUSIC IN THE ELEMENTARY SCHOOL 
Preparation for the prospective grade teacher through classroom music teaching experiences.

49:313 TEACHING AND SUPERVISION OF MUSIC IN THE ELEMENTARY AND JUNIOR HIGH SCHOOL 
Preparation for the prospective music teacher with classroom music teaching experiences.

49:314 TEACHING MUSIC IN THE SECONDARY SCHOOL 
Teaching techniques and materials for the secondary music teacher.

49:315 CONDUCTING 
A study of choral and instrumental conducting with corresponding literature. Meets three times per week.
49:316 VOCAL AND INSTRUMENTAL PEDAGOGY 2 HOURS

A study of correct vocal and instrumental techniques for high school teaching.

Applied Music


49:127-128, 227-228, 327-328, 329-330. CHORALE 1 HOUR


49:157-158, 257-258, 357-358, 359-360. PIANO 1 HOUR


PHILOSOPHY (53)

GENERAL MAJOR: Thirty hours in philosophy.

GENERAL MINOR: Philosophy 201, 202 and twelve elective hours in philosophy.

53:201 PERSPECTIVES IN PHILOSOPHY 3 HOURS

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.

53:202 LOGIC 3 HOURS

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

53:205 INTRODUCTION TO POLITICAL PHILOSOPHY 3 HOURS

53:301 ANCIENT PHILOSOPHY 3 HOURS

The early philosophers beginning with the Presocratics through the Neoplatonists.

53:302 MEDIEVAL PHILOSOPHY 3 HOURS

The philosophy of the Christian Era beginning with the Patristics up to the Seventeenth-Century Rationalists.
53:303 MODERN PHILOSOPHY 3 HOURS

The philosophers beginning with the Seventeenth-Century Rationalists through the Nineteenth-Century Postkantians.

53:305 ETHICS 3 HOURS

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

53:306 AESTHETICS 3 HOURS

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.

53:307 CONTEMPORARY PHILOSOPHY 3 HOURS

A study of philosophy in the past one hundred years with particular emphasis on the most influential movements.

53:308 PHILOSOPHY OF RELIGION 3 HOURS

A study of some of the problems and questions that may arise as the fundamental beliefs of the Christian faith are exposed to the methods and hypotheses of science and theoretic thought.

PHYSICAL EDUCATION (56)

GENERAL MAJOR: Physical Education 201, 203, 204, 205, 207, 208, 209, 210, 304, 305 and seven elective hours in physical education.

EDUCATION MAJOR: Physical Education 201, 203, 204, 205, 207, 208, 209, 210, 304, 305 and seven elective hours in physical education.

GENERAL MINOR: Physical Education 106, 201, 203, 204, 205, 207, 304, 305 and three elective hours in physical education.

EDUCATION MINOR: Physical Education 106, 201, 203, 204, 205, 207, 304, 305 and three elective hours in physical education.

AREA OF SPECIALIZATION: Physical Education 105, 106, 201, 203, 204, 207, 306 and three elective hours in physical education.
56:105 PHYSICAL EDUCATION FOR CLASSROOM TEACHERS
This course stresses the general background and information needed for formulation and teaching a suitable program in physical education for primary and intermediate grades.

56:106 ORGANIZATION OF SCHOOL HEALTH PROGRAMS
A survey of school health services, a healthful school environment and the health instruction program with emphasis on planning and carrying out this health instruction.

56:201 INTRODUCTION TO PHYSICAL EDUCATION
Intended to orient the student to professional work in the field of physical education. Acquaints the student with the outstanding leaders and their contributions, the history and the changing philosophies of physical education.

56:203 ANATOMY AND KINESIOLOGY
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.

56:204 PHYSIOLOGY OF PHYSICAL ACTIVITY
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.

56:205 ORGANIZATION OF PHYSICAL EDUCATION AND INTRAMURALS
This course will provide the student with the necessary background in organizing and administering a desirable curriculum in physical education (elementary through high school).

56:207 CARE AND PREVENTION OF INJURIES
Instruction in administering accepted first aid practices in emergencies. A study of the accepted methods in the prevention of athletics injuries.

56:208 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION
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.

56:209 PERSONAL AND COMMUNITY HEALTH
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.

56:210 COMMUNITY AND SCHOOL RECREATION
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.
56:211 NUTRITION AND PHYSICAL FITNESS 2 HOURS

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

56:301M METHODS IN TEAM SPORTS FOR MEN 2 HOURS

A detailed study will be made of the rules, strategy, teaching methods, conditioning and practice of basketball, baseball, soccer, track and volleyball.

56:301W METHODS IN TEAM SPORTS FOR WOMEN 2 HOURS

A detailed study will be made of the rules, strategy, teaching methods, conditioning and practice of volleyball, basketball, softball, field hockey and track and field.

56:302M METHODS IN INDIVIDUAL SPORTS FOR MEN 2 HOURS

A detailed study will be made of the rules, strategy, teaching methods, conditioning and practice of archery, badminton, bowling, golf, gymnastics/tumbling, rhythms, swimming and tennis.

56:302W METHODS IN INDIVIDUAL SPORTS FOR WOMEN 2 HOURS

A detailed study will be made of the rules, strategy, teaching methods, conditioning and practice of archery, badminton, bowling, golf, gymnastics/tumbling, rhythms, swimming and tennis.

56:304 FUNDAMENTAL SKILLS - TEAM SPORTS 1 HOUR

Laboratory sessions used for the practice and development of the fundamental skills required in basketball, baseball/softball, field hockey, soccer, track, field and volleyball. To receive credit for the course proficiency tests must be passed in four of the sports.

56:305 FUNDAMENTAL SKILLS - INDIVIDUAL SPORTS 1 HOUR

Laboratory sessions used for the practice and development of the fundamental skills required in archery, badminton, bowling, golf, gymnastics/tumbling, rhythms, swimming and tennis. To receive credit for the course proficiency tests must be passed in five of the sports.

56:306 FUNDAMENTAL SKILLS 1 HOUR

Laboratory sessions used for the practice and development of the fundamental skills required in rhythms, soccer/field hockey, softball, volleyball, gymnastics/tumbling, and track. To receive credit for the course proficiency tests must be passed in all the sports listed. Credit for this course is granted only to elementary education students who are pursuing an area of specialization in physical education.

56:351 READINGS IN PHYSICAL EDUCATION 1 HOUR

REQUIRED ACTIVITY COURSES

56: 1, 2, 3, 4. Physical Education
59:101 INTRODUCTION TO PHYSICAL SCIENCE 3 HOURS

An attempt is made to answer, without the use of mathematics, the questions most frequently asked by the non-scientist concerning our environment, the scientific products we use and new developments in science. The relationship between science and the Reformed faith, with special emphasis on problem areas, is discussed. No previous course in mathematics or science is required. Three lectures per week.

59:102 INTRODUCTION TO PHYSICAL SCIENCE 3 HOURS

Continuation of 101

PHYSICS (62)


SECONDARY EDUCATION PHYSICS EMPHASIS: Physics 201, 202, 206, 305, 308, 315, 317, 318; chemistry 103, 104; mathematics 101, 112, 201, 202, 301, three hours of electives in mathematics.

GENERAL MINOR: Physics 201, 202, and twelve elective hours in physics.

EDUCATION MINOR: Physics 201, 202, and twelve elective hours in physics.

AREA OF SPECIALIZATION: Physics 201, 202, 305, 308, 315, 316.

62:101 ENGINEERING DRAWING 3 HOURS

Orthographic projections, auxiliary views, sectioning, dimensioning, isometric and oblique drawing. Six hours of drawing per week. Does not fulfill the natural science requirement, nor does it apply toward a major or a minor in physics.

62:102 DESCRIPTIVE GEOMETRY 3 HOURS

Development of space perception through a study of spatial and geometric relationships of points, lines, surfaces and solids, using primary and secondary auxiliary views. Does not fulfill the natural science requirement, nor does it apply toward a major or a minor in physics.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>62:201</td>
<td>GENERAL PHYSICS</td>
<td>4 HOURS</td>
<td>A standard course in general physics with some emphasis on mathematical treatment and problems. Some calculus is used. Three lectures and one laboratory period per week.</td>
</tr>
<tr>
<td>62:202</td>
<td>GENERAL PHYSICS</td>
<td>4 HOURS</td>
<td>Continuation of 201. Three lectures and one laboratory period per week.</td>
</tr>
<tr>
<td>62:206</td>
<td>ELECTRONICS</td>
<td>3 HOURS</td>
<td>A course in electronics for scientists. A discussion of power supplies, amplifiers, oscillators, servo systems and operational amplifiers. Two lectures and one laboratory period per week.</td>
</tr>
<tr>
<td>62:305</td>
<td>MECHANICS</td>
<td>3 HOURS</td>
<td>The statics and dynamics of particles, systems of particles, and rigid bodies. Harmonic oscillations and Lagrange equations.</td>
</tr>
<tr>
<td>62:308</td>
<td>MODERN PHYSICS</td>
<td>3 HOURS</td>
<td>Special relativity, atomic and nuclear physics, quantum mechanical treatment of the hydrogen atom, physics of the solid state.</td>
</tr>
<tr>
<td>62:309</td>
<td>MODERN PHYSICS</td>
<td>3 HOURS</td>
<td>Continuation of 308.</td>
</tr>
<tr>
<td>62:315</td>
<td>ELECTROMAGNETIC FIELDS AND WAVES</td>
<td>3 HOURS</td>
<td>Electromagnetic theory leading to Maxwell's equations and the application of these waves to electromagnetic waves.</td>
</tr>
<tr>
<td>62:316</td>
<td>ELECTROMAGNETIC FIELDS AND WAVES</td>
<td>3 HOURS</td>
<td>Continuation of 315.</td>
</tr>
<tr>
<td>62:317</td>
<td>ADVANCED PHYSICS LABORATORY</td>
<td>1 HOUR</td>
<td>Experiments in mechanics, thermodynamics and electricity.</td>
</tr>
<tr>
<td>62:318</td>
<td>ADVANCED PHYSICS LABORATORY</td>
<td>1 HOUR</td>
<td>Experiments in optics and modern physics.</td>
</tr>
<tr>
<td>62:351-354</td>
<td>INDEPENDENT STUDIES</td>
<td>1 HOUR</td>
<td></td>
</tr>
<tr>
<td>65:201</td>
<td>INTRODUCTION TO POLITICAL SCIENCE</td>
<td>3 HOURS</td>
<td>An introduction to political science: the nature of government, the state, law; constitution, forms of government, ideologies.</td>
</tr>
<tr>
<td>65:202</td>
<td>INTRODUCTION TO AMERICAN GOVERNMENT</td>
<td>3 HOURS</td>
<td>A detailed study of American national government - its constitutional foundations, its structure and functions; civil liberties, political parties.</td>
</tr>
</tbody>
</table>
PSYCHOLOGY (68)

68:201 GENERAL PSYCHOLOGY 3 HOURS

The aim of the course is to give knowledge of the factors which underlie mental processes and to suggest how psychological procedures are applicable in the solution of personal and social problems. The accepted facts of physiology and psychology as they bear on such topics as learning, memory, intelligence, personality and abnormal behavior, etc., are studied. Efforts are made to seek out the environmental and biological bases of human conduct.

68:205 PSYCHOLOGY OF GROWTH AND DEVELOPMENT 3 HOURS

A study of the development of an individual from infancy through childhood and adolescence. Particular stress is placed on the social, physical, emotional, mental and intellectual growth of the human being. This course will emphasize the Providential developmental periods of growth and attainment and the recognizable traits which accompany the growth periods. Prerequisite: Psychology 201.

68:206 PSYCHOLOGY OF LEARNING AND MEASUREMENT 3 HOURS

A study of the forming of personality and intellectual curiosity as they are formed in the classroom in the life of a child. The course seeks to form a sound basis for the understanding of the learning process. The results of psychological research and theory are brought to bear upon the major activities and problems of the teacher in the classroom. Elementary statistics are introduced to the extent that the teacher can be benefited for the purpose of student and course evaluation. Prerequisite: Psychology 201.

SOCIOLOGY (71)

71:201 PRINCIPLES OF SOCIOLOGY 3 HOURS

An introductory course providing basic sociological concepts as they apply in all aspects of American society.

71:202 SOCIAL PROBLEMS 3 HOURS

The nature of social change and its resultant problems in fields such as population, government, crime, race problems, divorce.

SPEECH (75)

GENERAL MINOR: Speech 103, and eighteen elective hours in speech.

EDUCATION MINOR: Speech 103, 201, 202 and eleven elective hours in speech.

AREA OF SPECIALIZATION: Speech 104, 201, 202, 205 and nine elective hours in speech.
75:103 FUNDAMENTALS OF SPEECH 2 HOURS

A course designed to cultivate proper habits in research and organization in speech preparation and to cultivate proper vocal habits and adequate physical behavior in speech presentation.

75:104 SPEECH FOR THE ELEMENTARY SCHOOL TEACHER 2 HOURS

The theory and practice of oral reading, public speaking, story telling, choral reading, discussion and other speech activities that might be used by the elementary school teacher in the classroom.

75:201 VOICE AND ARTICULATION 2 HOURS

A study of the vocal mechanism and the processes of breathing, articulation (the latter implemented in part through the mastery and application of the phonetic alphabet), resonance and vocal control-loudness, pitch, rate, quality— which contribute to the effective speaking voice. Theory will be supplemented with practice via drill exercises in the various phases of the speech act.

75:202 ORAL INTERPRETATION 3 HOURS

This course seeks to give students practice in the analysis and presentation of such prose literary types as public address, the essay and the narrative; and the interpretation of verse. Attention will also be given to choral interpretation and to the reading of the Holy Scriptures.

75:203 PARLIAMENTARY PROCEDURE 2 HOURS

A study of the basic principles involved in the efficient conducting of public meetings with the objective of helping students to become more effective chairmen of and participants in these meetings.

75:204 GROUP DISCUSSION 2 HOURS

The theory and practice of the various methods of effective, systematic handling of problems and solutions in the cooperative face-to-face discussion situation.

75:205 SPEECH CORRECTION FOR TEACHERS 2 HOURS

A course especially designed for the elementary and secondary school teachers. A detailed study will be made of the types, nature and causes of functional speech defects, as well as the principles and methods of speech correction.

75:301 RADIO SPEECH 2 HOURS

Offers training in the special techniques involved in radio speaking. Students will participate in the production of various types of taped broadcast programs.

75:302 ARGUMENTATION AND PERSUASION 3 HOURS

A study of the various factors involved in the art of persuasion—getting and holding attention, insuring accurate perception, winning belief via psychological appeals as well as logical reasoning—and the use of these factors in the construction of speeches to persuade. Prerequisite: Speech 103 or its equivalent. This course is intended primarily for elementary and secondary education students whose area of specialization or minor is in speech.
75:303 ADVANCED PUBLIC SPEAKING

A study of the salient theories of speech criticism, ancient and modern, applied to the preparation and presentation of speeches, intended primarily for preseminary and general education students. Prerequisite: Speech 103 or its equivalent.

75:321-24 INTERCOLLEGIATE DEBATE

The theory and practice of the use of evidence and reasoning in the development of the case, including the study and effective use of refutation and rebuttal while working on the year's intercollegiate debate topic. Members of the class will participate in at least one intercollegiate debate tournament each semester of enrollment. Prerequisite: one high school course in speech or debate or the consent of the instructor. (May be repeated for up to four hours).
FINANCIAL INFORMATION

TUITION
FEES
PAYMENTS
SCHOLARSHIPS
MUSIC GRANTS
LOANS
FINANCIAL INFORMATION
COLLEGE EXPENSES

The cost of attending Dordt College is kept as reasonable as possible. Each student receives the benefit of finances obtained from classical quotas, church offerings, society contributions and individual gifts.

TUITION

Tuition is $1000 for the year and $500 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 who are members of the Christian Reformed Church, but whose parents are not, will have their tuition determined by the location of the Christian Reformed Church of which they are a member.

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:

<table>
<thead>
<tr>
<th>Distance from Dordt</th>
<th>Per Semester</th>
<th>Per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within 20 miles</td>
<td>$110</td>
<td>$220</td>
</tr>
<tr>
<td>From 20 to 300 miles</td>
<td>$125</td>
<td>$250</td>
</tr>
<tr>
<td>Over 300 miles</td>
<td>$150</td>
<td>$300</td>
</tr>
</tbody>
</table>

In addition, a special reduction of $20 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 $40.00 per semester hour, with a $10 per semester hour institutional grant-in-aid for those who are members of the Christian Reformed Church.
<table>
<thead>
<tr>
<th>Item</th>
<th>Per Semester</th>
<th>Per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dormitory Room</strong></td>
<td>$110.00</td>
<td>$220.00</td>
</tr>
<tr>
<td>Dormitory linen laundry</td>
<td>6.00</td>
<td>12.00</td>
</tr>
<tr>
<td><strong>Residence Halls</strong></td>
<td>$110.00</td>
<td>$220.00</td>
</tr>
<tr>
<td>Residence Halls linen laundry</td>
<td>6.00</td>
<td>12.00</td>
</tr>
<tr>
<td><strong>College Approved Housing</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Board - Dining Hall</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Meals (21)</td>
<td>180.00</td>
<td>360.00</td>
</tr>
<tr>
<td>Five Days (15)</td>
<td>150.00</td>
<td>300.00</td>
</tr>
</tbody>
</table>

*Students in all private or college housing will pay $125.00 for their room the first semester and $95.00 for the second semester. Students entering college housing the second semester will pay $110.00 for their room.

**FEES**

- Matriculation Fee . . Payable once. . . . . . . . $10.00
- Student Activity Fee . . Per Semester . . . . . 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, 212 . . Per Course . . . . . . . . . . . . . . . . 5.00
- Science Lab Fee . . Per Course . . . . . . . . . . . . . . . . 5.00
- Practice Teaching . . Per Hour . . . . . . . . . . . . . . . . 8.00
- **Music Fees**
  - Individual Lessons . . Per Semester . . . . . 45.00
  - Group Lessons . . Per Semester . . . . . . . . . 22.50
  - Practice Room . . Per Semester . . . . . . . . . 7.50
  - Organ Practice Room . . Per Semester . . . . . 15.00

**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 25% 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 Dean of the College. Refunds will be based on the date on which the Dean signs the refund request and will be made as follows:

TUITION

Withdrawal during the first week . . . . . . . . . . . . . . . . . . . . 100%
Withdrawal during the second or third week . . . . . . . . . . . . 50%
Withdrawal during the 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.

FINANCIAL ASSISTANCE

CONDITIONS OF AWARD

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

Recipients of scholarships and financial aid 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.

APPLICATIONS For scholarships or grants may be made with the Dean of the College. Application forms should be requested early enough to meet application deadlines.
SCHOLARSHIPS

Christian High School Graduates

Dordt College offers a scholarship to a student from each Christian high school.

The Dordt College regulations for these scholarships are as follows:

1. The scholarship candidate should be recommended by the high school faculty on the basis of scholarship, Christian character, personality and promise of growth. Only students who may be expected to maintain a good record of scholarship in college should be recommended by the high school faculty.

2. Scholarship candidates must meet the following requirements:
   a. The candidate should expect to meet Dordt College entrance requirements as listed in the Dordt College Bulletin.
   b. The candidate should have attended the Christian high school for the two years preceding his graduation.
   c. The candidate must have at least a "B" average.
   d. The candidate must rank within the top 5 students of his graduating class or within the top 10% of his graduating class, whichever is larger.

3. Final appointments to Christian high school scholarships are made by the Faculty of Dordt College. The Faculty reserves the right to withhold the scholarship if, in the opinion of the Faculty, no suitable candidate is presented.

4. The size of the scholarship will be determined on the basis of high school grade point averages as follows:

   3.90-4.00 ............................... $350.00
   3.75-3.89 ............................... $300.00
   3.50-3.74 ............................... $250.00
   3.25-3.49 ............................... $175.00
   3.00-3.24 ............................... $125.00

5. All materials must be sent to the Office of the Dean by March 15.
Dordt College General Scholarships
Freshman

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.

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 A.C.T. test.
3. The size of the scholarship will be determined on the basis of test scores and high school grade point averages as follows:
   a. A.C.T. 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
   b. A.C.T. 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
   c. A.C.T. Composite 65-79%
      3.90-4.00 ...................................................... $125.00
      3.75-3.89 ...................................................... $100.00
      3.50-3.74 ...................................................... $ 75.00
Sophomore, Junior, Senior

Dordt College grants scholarships to sophomores, juniors, and seniors whose grade point average indicate superior scholarship.

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

Certificate of Merit Award Winners

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.

MUSIC GRANTS

Each year a number of Dordt College Music Department 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. All materials must be submitted by July 1.
Dordt College participates in the National Defense Student Loan Program. All U. S. students are eligible to apply.

Loans are made only on the basis of financial need. It will be necessary to submit complete statements of parents' financial resources via a Parents Confidential Statement of the College Scholarship Service or the Family Financial Statement of the American College Test. Either is acceptable.

Loans are made on a priority system with special consideration given to (1.) students with superior academic background, (2.) students who express a desire to teach in elementary or secondary schools, and to (3.) students whose academic background indicates a superior capacity or preparation in science or in a foreign language. If sufficient funds are available, loans are not limited to the above categories.

Application forms and forms for use by parents to report their financial resources may be obtained from the Administrative Assistant to the Dean of the College by asking for them when a person has sent application for college admission.

U.S.A. or GUARANTEED LOANS

Dordt College will participate in the student loan plan of United Student Aid Funds. Through this plan students may borrow up to $1000 per year from their local bank. The student has an obligation to repay his loan with 3% (middle income) or 6% (upper income).

GENERAL

Students with superior academic records whose plans are curtailed for financial reasons and who do not qualify for any financial assistance listed above should arrange to discuss their problems personally with the College President. Every effort will be made to be of assistance to such superior students.

Your college financial aid office, in most cases, will be able to help you work out PACKAGE FINANCIAL PLANS that may include the Work Study Program, the National Defense Student Loan Program, the Educational Opportunity Grant Program, the Guaranteed Loans Program, together with other
sources of help that may be available through the college. These plans are designed to make it possible for qualified young people to obtain a college education no matter how low the student's financial status or the income level of his family.

Eligible students who are accepted for enrollment on a full-time basis or who are currently enrolled and in good standing, and who have a need as shown by a Parent's Confidential Statement, may receive one or more of the available aids.

EDUCATIONAL OPPORTUNITY GRANTS is a program of direct grants in which the student receives a non-obligating award of funds, based on exceptional financial need and evidence of academic or creative promise. Grants will range from $200 to $800 a year, and can be no more than one-half of the total assistance given a student.

COLLEGE WORK STUDY is a program of employment in which the student, particularly one from a low-income family, is compensated for the number of hours he works for the institution. Under this program students may work up to 15 hours weekly in such on-campus work as in the dining hall, in the library, in the office and on the custodial team.

For information on any of these programs and to secure application blanks write to: Mr. John L. DeGroot, Dordt College, Sioux Center, Iowa. We urge you to apply now.

SOCIAL SECURITY BENEFITS - Sons and daughters of retired, disabled, or deceased workers are eligible for social security benefits up to the age of 22 if they are unmarried, full-time students. Payment of these benefits is not automatic. If a person is not yet 18 and wants to continue receiving monthly benefits as a full-time student, he or his parent should notify the Social Security Administration. Benefits range from $22 to $102 a month.
VETERANS’ BENEFITS - Congress has reactivated the educational benefit program for veterans, commonly known as the GI Bill, which grants single veterans $130 per month and additional amounts for veterans with dependents. Veterans should contact their local Veterans Administration office.

VETERANS’ ADMINISTRATION BENEFITS - Educational allowances are given to children of deceased or totally disabled veterans if the cause was service-connected. Applications may be obtained from your local Veterans Administration office.
SUMMARY OF STUDENTS
1966 - 1967
GEOGRAPHICAL DISTRIBUTION
OF STUDENTS
HONORS GRANTED
# SUMMARY OF STUDENTS 1967-1968

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## GEOGRAPHICAL DISTRIBUTION

- Alaska: 2
- California: 40
- Colorado: 13
- Delaware: 1
- Florida: 1
- Illinois: 29
- Indiana: 6
- Iowa: 255
- Kansas: 3
- Massachusetts: 3
- Michigan: 40
- Minnesota: 105
- Montana: 15
- Nebraska: 2
- New Jersey: 8
- New York: 2
- North Carolina: 1
- North Dakota: 2
- Pennsylvania: 6
- South Dakota: 45
- Washington: 45
- Wisconsin: 43
- Alberta: 31
- British Columbia: 8
- Manitoba: 3
- Ontario: 6
- Guam: 1

**TOTAL**: 716

## HONORS LIST 1966 - 1967

- **Freshman Prize**
  - Carol Addink: 4.00
  - Ivan Van Dusseldorp: 4.00
- **Sophomore Prize**
  - Phyllis Eiseaga: 3.88
- **Junior Prize**
  - Sylvan Gerritsma: 3.97

## FRESHMAN HONORS

- Carol Addink: 4.00
- Ivan Van Dusseldorp: 4.00
- Ronald Vrieze: 3.91
- Phyllis Eiseaga: 3.88
- Bertha Vreeman: 3.87
- James Mahaffy: 3.85
- Elizabeth Lefever: 3.81
- Joyce Hibma: 3.79
- Ronald Hartog: 3.76
- Janice Vande Voort: 3.69

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CALENDAR—1968-1969
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FACULTY
VOTING MEMBERS
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</tbody>
</table>

1968-1969

1969-1970
FIRST SEMESTER
Sept. 9-12... Monday-Thursday. Orientation... Registration
Sept. 13 ... Friday. Convocation ... 8:00 A.M.
Sept. 13 ... Friday. Classes begin. 9:25 A.M.
Oct. 3, 4 ... Thursday, Friday. Tri-State Institute
Nov. 27 ... Wednesday. Thanksgiving recess begins. 2:00 P.M.
Dec. 3 ... Tuesday. Thanksgiving recess ends. 7:35 A.M.
Dec. 20 ... Friday. Christmas vacation begins. 2:00 P.M.
Jan. 7 ... Tuesday. Christmas vacation ends. 7:35 A.M.
Jan. 20 ... Monday. Review for final testing. no classes
Jan. 21-23 ... Tuesday-Thursday. Final testing period.

SECOND SEMESTER
Jan. 28 ... Tuesday. Second semester classes begin. 7:35 A.M.
March 28 ... Friday. Spring vacation begins. 2:00 P.M.
April 8 ... Tuesday. Spring vacation ends. 7:35 A.M.
May 23 ... Friday. Review for final testing. no classes
May 26-28 ... Monday-Wednesday. Final testing period
May 29 ... Thursday. Commencement. 10:00 A.M.
Easter - April 6
ADMINISTRATIVE PERSONNEL

ACADEMIC

President of the College
Dean of the College
Administrative Assistant to the Dean

STUDENT PERSONNEL OFFICE

Dean of Students
Head Resident at Girls Dorm
Head Residents at Boys Dorm
Director of Commons

LIBRARY

Head Librarian
Cataloging Librarian
Reference Librarian

BUSINESS

Business Manager
Assistant Business Manager
College Representative
Superintendent of Grounds and Buildings
Custodian

STAFF

Secretary to the President & the Dean
Bookkeeper
Office Receptionist and Clerk
Office Typists - Secretaries
Library Typists

Rev. B. J. Haan
Douglas Ribbens
John L. De Groot
Garrett Rozeboom
Trena Haan
Mr. & Mrs. G. De Vries
Bernard De Wit
Hester Hollaar
Martin Seven
Mrs. Emma Vanden Berg
Neal Boersma
Bernard De Wit
R. J. Dykstra
Louis Kuiper
Henry Kramer
Henrietta Miedema
Elizabeth Verbrugge
Betsy Sybesma
Marilyn Van Beek
Dena Smeenk
Marlene Vis
Mrs. Louis Kuiper
Mrs. Delores Zonnefeld
Karen Prins
FACULTY

OFFICERS OF THE FACULTY

BERNARD J. HAAN, 1959
PRESIDENT
A.B., Calvin College, 1939;
Th.B., Calvin Seminary, 1942

DOUGLAS RIBBENS, 1955
DEAN AND REGISTRAR
A.B., Calvin College, 1950; A.M., University of Chicago, 1953; Ed.D.,
Colorado State College, 1963

THE FACULTY

WILLIS JOHN ALBERDA, 1964
ASSOCIATE PROFESSOR OF MATHEMATICS

DALLAS J. APOL, 1965
INSTRUCTOR OF GERMAN
A.B., Calvin College, 1961; A.M., University of Michigan, 1965; Additional graduate work at University of Minnesota.

ABRAHAM H. BOS, 1962
ASSISTANT PROFESSOR OF GERMAN
A.B., Calvin College, 1955; A.M., University of South Dakota, 1962; Additional graduate work at University of Iowa, University of Michigan.

FRANK CALSBEEK, 1963
ASSISTANT PROFESSOR OF PHYSICAL EDUCATION (On leave 1967-1968)
B.S., Augustana College, 1956; M.S., University of Illinois, 1961; Additional graduate work at University of Illinois, Oregon State University.

NORMAN DE JONG, 1965
ASSISTANT PROFESSOR OF EDUCATION
B.A., Calvin College, 1957; A.M., University of Iowa, 1958; Additional graduate work at Montana State University, Michigan State University, University of Iowa.

GERRIT DE VRIES, 1967
INSTRUCTOR OF MATHEMATICS
A.B., Calvin College, 1941; M.S., Northwestern University, 1941; Additional graduate work at University of Minnesota, University of Chicago, University of Illinois, Michigan State University.

MARVIN DE YOUNG, 1958
ASSOCIATE PROFESSOR OF PHYSICS AND CHEMISTRY

EDWIN JAMES GEELS, 1965
ASSOCIATE PROFESSOR OF CHEMISTRY
B.S., Calvin College, 1961; Ph.D., Iowa State University, 1965.
DALE GROTEHUIS, 1959
ASSOCIATE PROFESSOR OF MUSIC
A.B., Calvin College, 1953; M.M., Michigan State University, 1959; Additional graduate work at University of Ohio.

JOHN MICHAEL GURET, 1964
ASSISTANT PROFESSOR OF ENGLISH

TRENA HAAN, 1965
ASSISTANT PROFESSOR OF MUSIC
A.B., Calvin College, 1934; M.M., Northwestern University, 1942.

HESTER M. HOLLAAR, 1964
LIBRARIAN

SIMON KISTEMAKER, 1963
ASSOCIATE PROFESSOR OF BIBLE AND LANGUAGES
B.A., Calvin College, 1954; B.D., Calvin Seminary, 1957; Th.D., Free University, 1961.

ARNOLD L. KOEKKOEK, 1964
INSTRUCTOR IN GERMAN AND HISTORY
A.B., Calvin College, 1955; Additional graduate work at State University of Iowa. (On leave 1967-1969)

JAMES JOHN KOLDENHOVEN, 1962
ASSISTANT PROFESSOR OF ENGLISH
A.B., Calvin College, 1957; M.A., University of South Dakota, 1960; additional graduate work, University of Nebraska.

WILLIAM THERON LOTHERS, 1961
ASSOCIATE PROFESSOR OF SPEECH
A.B., Oklahoma State University, 1949; B.D., Faith Theological Seminary, 1954; M.A. University of Oklahoma, 1959; Ph.D., Michigan State University, 1966.

RUSSELL WAYNE MAATMAN, 1963
PROFESSOR OF CHEMISTRY
B.A., Calvin College, 1946; Ph.D., Michigan State University, 1950.

MERLE MEETER, 1962
ASSISTANT PROFESSOR OF ENGLISH
A.B., Calvin College, 1955; M.A., University of Michigan, 1958; Additional graduate work at Western Washington State College, University of Iowa.

AALDERT MENNEGA, 1964
ASSOCIATE PROFESSOR OF BIOLOGY
A.B., Calvin College, 1957; M.A., Michigan State University, 1960; Ph.D., Michigan State University, 1964.

HERBERT DONALD MORTON, 1967
INSTRUCTOR OF HISTORY

DOUGLAS RIBBENS, 1955
DEAN OF COLLEGE
PROFESSOR OF EDUCATION
JOAN RINGERWOLE, 1967
INSTRUCTOR OF MUSIC
B.A., Calvin College, 1965; M.M., Eastman School of Music of the University of Rochester, 1967.

GARRETT G. ROZEBOOM, 1961
PROFESSOR OF EDUCATION AND PSYCHOLOGY
A.B., Calvin College, 1934; A.M., University of South Dakota, 1941; Ed.D., Colorado State College, 1959.

THEODORE J. SJOERDSMA, 1957
ASSISTANT PROFESSOR OF MATHEMATICS
A.B., Calvin College, 1947; M.A.T., Michigan State University, 1961; Additional graduate work at Michigan State University, Oregon State University. (On leave 1967-1969)

JAMES R. TIMMER, 1965
INSTRUCTOR OF PHYSICAL EDUCATION
A.B., Calvin College, 1963; M.A., University of Michigan, 1964; Additional graduate work at State University of Iowa.

JACK VANDEN BERG, 1967
ASSISTANT PROFESSOR OF ENGLISH
B.A., Calvin College, 1961; Additional graduate work at University of Iowa.

RICHARD VANDER ZEE, 1965
INSTRUCTOR OF ENGLISH

JOHN VAN DYK, 1966
INSTRUCTOR OF CLASSICAL LANGUAGES AND PHILOSOPHY
B.A., Calvin College, 196

LOUIS Y. VAN DYKE, 1963
ASSISTANT PROFESSOR OF HISTORY
A.B., Calvin College, 1951; M.A., University of Washington, 1962; Additional graduate work at University of Nebraska.

CORNELIUS VAN SCHOUWEN, 1955
ASSOCIATE PROFESSOR OF BIBLE
B.A., Calvin College, 1928; B.D., Winona School of Theology, 1962; M.S., University of Indiana, 1953; M.Th., Winona School of Theology, 1964.

NICK R. VAN TIL, 1955
PROFESSOR OF PHILOSOPHY
A.B., Calvin College, 1942; A.M., University of Michigan, 1948; A.M., University of Michigan, 1950; Additional graduate work at Michigan State University, University of Iowa.

JAMES J. VELTKAMP, 1963
ASSOCIATE PROFESSOR OF EDUCATION

GARY WARMINK, 1963
INSTRUCTOR OF MUSIC
A.B., Calvin College, 1962; M.A., Ohio State University, 1964; Additional graduate work at Ohio State University, University of Washington. (On leave 1967-1969)

DELMAR D. WESTRA, 1964
ASSISTANT PROFESSOR OF BIOLOGY
B.A., Westmar, 1956; A.M., Western Michigan University, 1959; M.S., University of South Dakota, 1964; Additional graduate work at University of Iowa, Macalester College.
JOANNE ALBERDA, 1967
Assistant in Art (Part time)
A.B., Calvin College, 1960

JOHN L. DE GROOT, 1966
Assistant in Sociology (Part time)
A.B., Calvin College, 1949; M.A. Univ. of South Dak., 1955

MARY HOOPER, 1965
Assistant in English and German
A.B., Dordt College, 1965

M. REIMAN
Assistant in Music - Piano (Part time)

MRS. ROBERT TJAPKES, 1966
Assistant in Music - Organ (Part time)
B.A., Calvin College, 1941; Add'l. Graduate work Univ. of Michigan, Eastman School of Music.

PHILIP VAN SLOOTEN, 1967
Assistant in Physical Education
B.A. Calvin College, 1965; Graduate work Western Michigan University, 1968.
COMMITTEES OF THE FACULTY

Discipline Committee
Rozeboom, Chairman
Rev. Haan
Mennega
Van Dyk
Van Dyke
Van Schouwen
Vander Zee
Agnes Siebenga
Gerald Ebbers
Brad Breems
Dan Veldman

Educational Policies Committee
Ribbens, Chairman
Bos
Alberda
Grotenhuis
Koldenhoven
Maatman
Van Til
Veltkamp
Van Dyk

Library Committee
Hollaar, Chairman
Ribbens
Meeter
Mennega
Kistemaker

Student Relations Committee
Rozeboom, Chairman
Alberda
Apol
De Young
Meeter
Morton
Westra

Teacher Education Committee
Ribbens, Chairman
Apol
De Jong
De Vries
Mrs. Haan

Van Dyke
Veltkamp
Westra
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Ribben's, Chairman
De Young
Geels
Kistemaker
Lothers
Vanden Berg
Vander Zee

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Timmer, Chairman
De Jong
Geels
Koldenhoven
Lothers
Van Slooten

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Mrs. Haan
Ringerwole
Maatman

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Rev. Haan, Chairman
Hollaar
Ribbens
Rozeboom
Timmer
Van Til
Van Schouwen
Mrs. Haan

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Rozeboom, Chairman
Alberda
Apol
De Young
Meeter
Morton
Westra
VOTING MEMBERS

Term Expires 1969

DISTRICT 1
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Mark Ligtenberg.......................... Armour, South Dakota
Tony Vanden Hoek.......................... Corsica, South Dakota

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John De Wit............................... Colton, South Dakota
Richard Haan.............................. Sioux Falls, South Dakota

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Henry Duininck............................ Prinsburg, Minnesota
Arie Vander Beek.......................... Brooten, Minnesota
Rev. Peter Vis............................ Raymond, Minnesota

DISTRICT 4
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Tony Kuiper............................... Hartly, Iowa
Rev. Gerald W. Van Den Berg............. Hospers, Iowa

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Ted De Jong............................... Ireton, Iowa
Andrew Doctor............................ Orange City, Iowa
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Everett Fikse............................. Hills, Minnesota

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Forrest Eckels............................ Britt, Iowa
Edward O. Nederhof...................... Wellsburg, Iowa

DISTRICT 8
Jacob Vander Molen...................... Pella, Iowa
Reink Zylstra............................. Pella, Iowa

Term Expires 1970

DISTRICT 1
Ted Maas.................................. Corsica, South Dakota
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Garrett Post .......................................................... Ocheyedan, Iowa
Ike Woudstra .......................................................... Hospers, Iowa

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George Van Schepen ................................................ Sioux City, Iowa

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Edwin Saeger .......................................................... Rock Rapids, Iowa

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Joe Graves .............................................................. Dike, Iowa
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William Van Gilst .................................................. Cedar, Iowa
Gysbert Vermeer ...................................................... Pella, Iowa

Term Expires 1971

DISTRICT 1
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Roy Folkerts .......................................................... Corsica, South Dakota

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Peter Walhof, Jr. ..................................................... Pipestone, Minnesota

DISTRICT 3
Herman H. Meyer .................................................. Raymond, Minnesota
Ed Timmer .............................................................. Pease, Minnesota

DISTRICT 4
John Bos ................................................................. Worthington, Minnesota
Jake Haagsma .......................................................... Primghar, Iowa

DISTRICT 5
Cornie Brock ........................................................... Sioux Center, Iowa
S. J. Werkema .......................................................... Omaha, Nebraska

DISTRICT 6
James Boogerd ....................................................... Rock Valley, Iowa
Norman Vander Ark .................................................. Hull, Iowa

DISTRICT 7
Ernest Henze .......................................................... Holland, Iowa
William Siebenga ..................................................... Parkersburg, Iowa

DISTRICT 8
James Huyser .......................................................... Sultry, Iowa
Rev. John H. Piersma ................................................ Pella, Iowa
Louis Van Wyke ........................................................ Pella, Iowa
Term Expires 1972

DISTRICT 4
Rev. Berton Van Antwerpen ........................................ Sheldon, Iowa

DISTRICT 5
Rev. Richard De Ridder ............................................. Sioux Center, Iowa

DISTRICT 6
Rev. Leonard Van Drunen ........................................... Rock Valley, Iowa

Term Expires 1973

DISTRICT 1
Rev. Clarence Van Essen ............................................ Platte, South Dakota

DISTRICT 2
Rev. Andrew VanSchouwen .......................................... Chandler, Minnesota

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OFFICERS
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Everett Fikse ....................................................... Vice President
Rev. Gerald Van Den Berg ......................................... Secretary
Neal Boersma ........................................................ Treasurer
Ike Woudstra ......................................................... General Adjunct

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Tony Vanden Hoek .................................................. Corsica, South Dakota

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Henry Christians ..................................................... Edgerton, Minnesota
Richard Haan ........................................................ Sioux Falls, South Dakota

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Rev. Peter Vis ........................................................ Raymond, Minnesota
John Bonnema ......................................................... Prinsburg, Minnesota

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Rev. Berton Van Antwerpen ........................................ Sheldon, Iowa
Ike Woudstra ........................................................ Hoppers, Iowa

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Ted De Jong ............................................................ Ireton, Iowa
Rev. Richard De Ridder ............................................. Sioux Center, Iowa

DISTRICT 6
Henry E. Blankespoor .............................................. Inwood, Iowa
Everett Fikse ........................................................ Hills, Minnesota

DISTRICT 7
Albert Cooper ......................................................... Kanawha, Iowa
Rev. Anthony Louwerse .............................................. Cedar Falls, Iowa

DISTRICT 8
Rev. John Piersma ................................................... Pella, Iowa
Reink Zylstra ........................................................ Pella, Iowa
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree and Education</th>
<th>City</th>
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<tbody>
<tr>
<td>David Ahrenholz</td>
<td>Secondary Education</td>
<td>Renville, Minnesota</td>
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<tr>
<td>Glenn Baas</td>
<td>General Education</td>
<td>Corsica, South Dakota</td>
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<tr>
<td>Dale Bakker</td>
<td>General Education</td>
<td>Holland, Iowa</td>
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<tr>
<td>Alvin Bandstra</td>
<td>Elementary Education</td>
<td>Oskaloosa, Iowa</td>
</tr>
<tr>
<td>Janice Bosman</td>
<td>Elementary Education</td>
<td>Everson, Washington</td>
</tr>
<tr>
<td>Robert Bovenkamp</td>
<td>Secondary Education</td>
<td>Ferndale, Washington</td>
</tr>
<tr>
<td>Jerelyn Brower</td>
<td>Secondary Education</td>
<td>Iowa Falls, Iowa</td>
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<tr>
<td>Janice Bruyvoort</td>
<td>Secondary Education</td>
<td>Orange City, Iowa</td>
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<tr>
<td>Donald Clousing</td>
<td>Secondary Education</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Mary Cummings</td>
<td>Elementary Education</td>
<td>Pittsburgh, Pennsylvania</td>
</tr>
<tr>
<td>Phyllis De Blay</td>
<td>Elementary Education</td>
<td>Oostburg, Wisconsin</td>
</tr>
<tr>
<td>Rodney De Boer</td>
<td>Secondary Education</td>
<td>Rock Valley, Iowa</td>
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<tr>
<td>Dennis De Jong</td>
<td>Secondary Education</td>
<td>Platte, South Dakota</td>
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<tr>
<td>R. Harold De Jong</td>
<td>General Education</td>
<td>Ripon, California</td>
</tr>
<tr>
<td>Elda De Kam</td>
<td>Elementary Education</td>
<td>Worthington, Minnesota</td>
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<tr>
<td>Gaylin Den Ouden</td>
<td>Secondary Education</td>
<td>Edgerton, Minnesota</td>
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<td>Cecelia Drenth</td>
<td>General Education</td>
<td>Redlands, California</td>
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<tr>
<td>Eldon Dyk</td>
<td>Elementary Education</td>
<td>Manhattan, Montana</td>
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<tr>
<td>Donna Eden</td>
<td>Secondary Education</td>
<td>Britt, Iowa</td>
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<tr>
<td>Henry Eekhoff</td>
<td>Elementary Education</td>
<td>Kanawha, Iowa</td>
</tr>
<tr>
<td>Winton Elgersma</td>
<td>Pre-Seminary</td>
<td>Neerlandtu, Alberta</td>
</tr>
<tr>
<td>Mrs. Eleanor Feenstra</td>
<td>Elementary Education</td>
<td>Hull, Iowa</td>
</tr>
<tr>
<td>Vernon Haagsma</td>
<td>Secondary Education</td>
<td>Primghar, Iowa</td>
</tr>
<tr>
<td>Sidney Halma</td>
<td>Secondary Education</td>
<td>Barnwell, Alberta</td>
</tr>
<tr>
<td>Glenda Harthoorn</td>
<td>Secondary Education</td>
<td>Boyden, Iowa</td>
</tr>
<tr>
<td>Doris Haupt</td>
<td>Elementary Education</td>
<td>Eldora, Iowa</td>
</tr>
<tr>
<td>Dorothy Helder</td>
<td>Elementary Education</td>
<td>Everson, Washington</td>
</tr>
<tr>
<td>Betty Hengeveld</td>
<td>Elementary Education</td>
<td>Sanborn, Iowa</td>
</tr>
<tr>
<td>Garneth Hengeveld</td>
<td>General Education</td>
<td>Alton, Iowa</td>
</tr>
<tr>
<td>Alan Huisman</td>
<td>Secondary Education</td>
<td>Orange City, Iowa</td>
</tr>
<tr>
<td>Grace Hummel</td>
<td>Elementary Education</td>
<td>Fairlawn, New Jersey</td>
</tr>
<tr>
<td>Terence Jonker</td>
<td>Secondary Education</td>
<td>Orange City, Iowa</td>
</tr>
<tr>
<td>Gary Kamps</td>
<td>Elementary Education</td>
<td>Manhattan, Montana</td>
</tr>
<tr>
<td>Orville Kooiman</td>
<td>Secondary Education</td>
<td>Brandon, Wisconsin</td>
</tr>
<tr>
<td>Gerhardt Korn</td>
<td>Elementary Education</td>
<td>Menno, South Dakota</td>
</tr>
<tr>
<td>Mrs. Tracie Kosters</td>
<td>Secondary Education</td>
<td>Sioux Falls, So. Dak.</td>
</tr>
<tr>
<td>Joyce Krue</td>
<td>Elementary Education</td>
<td>Rock Valley, Iowa</td>
</tr>
<tr>
<td>Allan Kramer</td>
<td>General Education</td>
<td>Ireton, Iowa</td>
</tr>
<tr>
<td>Alden Kuiper</td>
<td>Pre-Seminary</td>
<td>Hartley, Iowa</td>
</tr>
<tr>
<td>Peter Leenhuber</td>
<td>Secondary Education</td>
<td>Edmonton, Alberta</td>
</tr>
<tr>
<td>Anno Leenstra</td>
<td>General Education</td>
<td>Vauxhall, Alberta</td>
</tr>
<tr>
<td>Dick Leenhoff</td>
<td>Secondary Education</td>
<td>Ridott, Illinois</td>
</tr>
<tr>
<td>Derrel Lorenz</td>
<td>General Education</td>
<td>Cedar, Iowa</td>
</tr>
<tr>
<td>John Mahaffy</td>
<td>Secondary Education</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Dorothy Male</td>
<td>Elementary Education</td>
<td>Aurora, Colorado</td>
</tr>
<tr>
<td>Ida Mantel</td>
<td>General Education</td>
<td>Terrace, British Columbia</td>
</tr>
<tr>
<td>Thelma Masselink</td>
<td>Secondary Education</td>
<td>Edgerton, Minnesota</td>
</tr>
<tr>
<td>Ruth Memmelaar</td>
<td>Elementary Education</td>
<td>Oskaloosa, Iowa</td>
</tr>
<tr>
<td>June Mulder</td>
<td>Elementary Education</td>
<td>LeMars, Iowa</td>
</tr>
<tr>
<td>Karen Nederhoff</td>
<td>Secondary Education</td>
<td>Wellsburg, Iowa</td>
</tr>
<tr>
<td>Mrs. Esther Olivier</td>
<td>Elementary Education</td>
<td>Sioux Center, Iowa</td>
</tr>
</tbody>
</table>

95
Kenneth Post
James Roelofs
Wilma Roghair
Beulah Roose
Donn Rubingh
Ronald Rynders
Arlyn Schaap
Gayle Senti
Mary Simmelink
William Slofstra
Raymond Statema
Mrs. E. Mae Streelman
Glen Stryker
Gordon Swangel
Mrs. Patricia Swangel
Corrine Tinklenberg
Steven Toering
Arnold Van Dyken
Lorna Van Gilst
Linda Van Someren
Nelda Van Stryland
Angela Van Weelden
Donna Van Zee
Trayton Vande Berg
Ruth Vande Haar
David Vander Plaats
Donald Ver Meer
Lynn Vrieze
Frances Wagner
Walter Wierenga
Judith Wykstra
Claude Zylstra

General Education
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Pre-Seminary
Elementary Education
Secondary Education
Elementary Education
Secondary Education

Newton, New Jersey
Hollandale, Minnesota
Hospers, Iowa
Pella, Iowa
Sioux Center, Iowa
Sioux Center, Iowa
Sheldon, Iowa
Cawker City, Kansas
Sheboygan, Wisconsin
Red Cliff, Alberta
Volga, South Dakota
Corsica, South Dakota
Renville, Minnesota
Artesia, California
Artesia, California
Woodstock, Minnesota
Hospers, Iowa
Winnipeg, Manitoba
Cedar, Iowa
Baldwin, Wisconsin
Bemis, South Dakota
Oskaloosa, Iowa
Newton, Iowa
Waukun, Wisconsin
Pella, Iowa
Hull, Iowa
Newton, Iowa
Pella, Iowa
W. St. Paul, Minnesota
Lynden, Washington
Waukun, Wisconsin
Denver, Colorado
Sioux Center, Iowa
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