



Entrance to Main Building

YEAR BOOK

*of the Theological School
and Calvin College at
Grand Rapids, Mich.
1923 - 1924*



An Institution of the
Christian Reformed Church

M. Hoffius, Printer, 50 Ionia Avenue, S.W.

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CALENDAR

1924

Spring Vacation	March 22 to March 31
Re-examinations for First Semester Conditions.....	March 31 and April 1
Final Examinations.....	May 26 to June 3
Commencement.....	June 3

SUMMER VACATION

Entrance Examinations.....	9 A. M., September 3
Registration for First Semester.....	9 A. M., September 4
Re-examinations for Second Semester Conditions.....	Sept. 5 and 6
Thanksgiving Recess.....	November 27 and 28
Christmas Vacation begins.....	December 19

1925

Christmas Vacation ends.....	January 6
Final Examinations.....	January 19 to 23
First Semester closes.....	January 23
Registration for Second Semester.....	January 23 and 24
Second Semester begins.....	January 26
Washington's Birthday.....	February 22
Day of Prayer.....	March 11
Spring Vacation.....	March 21 to 28
Re-examinations for First Semester Conditions.....	March 30 and 31
Final Examinations.....	May 25 to June 2
Commencement.....	June 2

BOARD OF TRUSTEES

OFFICERS

1924-1925

The Rev. Y. P. De Jong, Th. D.....	President
The Rev. J. B. Hoekstra.....	Vice-President
The Rev. J. Dolfin.....	Secretary
The Rev. H. Keegstra.....	Assistant Secretary

MEMBERS

CLASSIS GRAND RAPIDS, EAST

	Residence	Term Expires
The Rev. H. H. Meeter, Th. D.....	Grand Rapids, Mich.....	1928
The Rev. H. Hoeksema.....	Grand Rapids, Mich.....	1926

CLASSIS GRAND RAPIDS, WEST

The Rev. H. J. Kuiper.....	Grand Rapids, Mich.....	1928
The Rev. Y. P. De Jong, Th. D.....	Grand Rapids, Mich.....	1926

CLASSIS HACKENSACK

The Rev. H. Bouma.....	Paterson, N. J.....	1928
The Rev. J. H. Monsma.....	Englewood, N. J.....	1926

CLASSIS HOLLAND

The Rev. J. M. Ghysels.....	Holland, Mich.....	1928
The Rev. H. Keegstra.....	Holland, Mich.....	1926

CLASSIS HUDSON

The Rev. J. B. Hoekstra.....	Midland Park, N. J.....	1928
The Rev. J. Holwerda.....	Paterson, N. J.....	1926

CLASSIS ILLINOIS

The Rev. J. Manni.....	Sheboygan, Wis.....	1928
The Rev. F. Doezema.....	Chicago, Ill.....	1926

CLASSIS MUSKEGON

The Rev. J. Dolfin.....	Muskegon, Mich.....	1928
The Rev. L. J. Lamberts.....	Fremont, Mich.....	1926

CLASSIS ORANGE CITY

The Rev. D. Hollebeek.....	Sanborn, Iowa.....	1928
The Rev. M. Vander Heide.....	Hospers, Iowa.....	1926

CLASSIS OSTFRIESLAND

	Residence	Term Expires
The Rev. H. Ahuis.....	Ridott, Ill.....	1928
The Rev. J. H. Beld.....	Parkersburg, Iowa.....	1926

CLASSIS PACIFIC

The Rev. P. Jonker, Jr.....	Lynden, Wash.....	1928
The Rev. C. Vriesman.....	Everett, Wash.....	1926

CLASSIS PELLA

The Rev. I. Van Dellen.....	Denver, Colo.....	1928
The Rev. J. M. Voortman.....	Leighton, Iowa.....	1926

CLASSIS SIOUX CENTER

The Rev. C. De Leeuw.....	Sioux Center, Iowa.....	1928
The Rev. A. H. Brat.....	Platte, S. D.....	1926

CLASSIS ZEELAND

The Rev. W. D. Vander Werp.....	Zeeland, Mich.....	1928
The Rev. E. J. Krohne.....	Hudsonville, Mich.....	1926

SUPERVISORY COMMITTEE

The Rev. J. M. Ghysels	The Rev. H. Hoeksema
The Rev. H. J. Kuiper	The Rev. L. J. Lamberts
The Rev. W. D. Vander Werp	

COMMITTEE ON FINANCES

The Rev. W. D. Vander Werp	Mr. C. Borrendamme
The Rev. H. Keegstra	Mr. B. J. Jonkman
Mr. A. H. Bosch	Mr. John Hekman
Mr. T. Noordewier	Mr. H. C. Rutgers

COMMITTEE ON BUILDINGS AND GROUNDS

Mr. D. Van Oosten	Dr. E. H. Meeter	Mr. H. Hofstra
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EDUCATIONAL SECRETARY

The Rev. John Vander Mey.....847 Sigsbee Street

TREASURER

Mr. Tony Noordewier.....855 Kalamazoo Avenue

JANITOR

Mr. E. J. Norden.....1130 Thomas Street

CLERK

Catherine Gertrude Dykstra.....704 Eastern Avenue, SE.

THE COLLEGE

THE FACULTY

THE REV. JOHN J. HIEMENGA, A. M., B. D., *President*
Bible Study
1018 Benjamin Avenue

ALBERTUS ROOKS, A. M., *Dean*
Professor of the Latin Language and Literature
737 Benjamin Avenue

KLAAS SCHOOLLAND
Professor Emeritus of the Greek Language and Literature
854 Worden Street

JACOB G. VANDEN BOSCH, A. M.
Professor of the English Language and Literature
857 Bates Street

ALBERT E. BROENE, A. B., *Secretary*
Professor of Modern Languages
1428 Thomas Street

JOHANNES BROENE, A. M.
Professor of Education
1221 Bates Street

JOHN P. VAN HAITSMA, A. M.
Professor of Organic Sciences
1150 Kalamazoo Avenue

JAMES NIEUWDORP, B. S.
Professor of Mathematics
900 Benjamin Avenue

HENRY J. G. VAN ANDEL, A. M.
Professor of the Holland Language and Literature.
1000 Bates Street

PETER HOEKSTRA, Ph.D.

Professor of History
1015 Worden Street

RALPH STOB, A. B.

Professor of the Greek Language and Literature
1335 Thomas Street

HENRY J. RYSKAMP, A. M.

Professor of Economics and Sociology
553 Fuller Avenue, SE.

WILLIAM HARRY JELLEMA, Ph. D.

Professor of Philosophy
1024 Neland Avenue

*JACOB OLTHOFF, M. S.

Professor of Physics
1018 Baxter Street

HARRY G. DEKKER, B. S., Registrar

Professor of Chemistry
1309 Alexander Street

HENRY VAN ZYL, Ph. B.

Director of Normal Training
901 Humboldt Street

SEYMOUR SWETS, A. M.

Instructor in Public Speaking and Music
1251 Fisk Street

THE REV. WILLIAM HEYNS

Bible Study
1319 Sigsbee Street

THE REV. LOUIS BERKHOF, B. D.

Biblical Archaeology
834 Worden Street

THE REV. SAMUEL VOLBEDA, Th. D.

Hebrew
811 Geneva Avenue

THE REV. WILLIAM STUART, B. D.

Reformed Doctrine
616 College Avenue

THE REV. EMO F. J. VAN HALSEMA, A. B.

Introduction to the Sacred Books
R. R. 6

* Leave of absence 1924-1925.

STANDING COMMITTEES OF THE FACULTY

Boarding Places and Dormitory—Ryskamp, Van Haitsma, Stob.

Discipline—Hiemenga, Rooks, Vanden Bosch.

Educational Policy and Course of Study—Hiemenga, Rooks,
J. Broene, Hoekstra, Nieuwdorp.

Societies and Entertainments—Van An del, Stob, Jellema.

Library—Van Haitsma, A. E. Broene, Van An del.

Missions and Religious Culture—Dekker, Vanden Bosch.

Normal Training—J. Broene, Van Haitsma.

Athletics—Hiemenga, Hoekstra, Ryskamp.

Publications—Vanden Bosch, Ryskamp, Jellema.

Appointment Bureau—Stob, Dekker, Nieuwdorp.

LIBRARIAN—Professor Ralph Stob

GENERAL INFORMATION

LOCATION

GRAND RAPIDS, the metropolis of Western Michigan, is an ideal college town. Being a city of about 150,000 inhabitants, it is not too small to be devoid of those general cultural influences that should surround an educational institution, nor so large as to be a disadvantage to the ideal interests of college life.

Among the many cultural advantages which the city offers and from which our students may profit, we may mention first of all the Public Library. It is housed in a building that displays true architectural art, and has a collection of some 250,000 books, among which are found many standard works of reference; besides, its reading room is supplied with nearly all the leading periodicals of this country and with many from foreign countries. Further, there is the Kent Scientific Museum, which is open daily and can be an efficient help to those interested in scientific subjects. In addition to this, the students have the opportunity of hearing lectures and addresses by noted men who are invited to the city, and of attending concerts, both vocal and instrumental, by some of the leading artists of the musical world.

HISTORY AND CHARACTER OF THE COLLEGE

The origin of the Theological School and Calvin College dates as far back as the year 1861, when the Classis of the Holland Reformed Church officially recognized the need of training men for the gospel ministry. Three years later Rev. D. J. Vander Werp was appointed as instructor, and in this capacity he labored in connection with his pastoral work till his death in 1876. Not until the appointment in this same year of Rev. G. E. Boer as professor, however, did the school assume a definite organization. March 15, 1876 was, therefore, its natal day. Little by little it grew until in 1900 it enrolled fifty students taught by a staff of five professors. By this time the need of a college where young people not looking forward to the gospel ministry could receive a Christian liberal education was beginning to be generally felt.

Accordingly, Synod of the Christian Reformed Church took active measures toward the expansion of the literary department, then consisting of a four year course, into a college. From time to time, as means allowed, both the curriculum and the teaching staff were enlarged so that at present the institution comprises two departments: the college, which offers the following courses, a general four-year College Course, a four-year Seminary Preparatory Course, a three-year Pre-Medical Course, a three-year Pre-Law Course, a two-year Pre-Engineering Course, and a two-year Normal Course; and the Seminary, which prescribes three years of theological study.

The institution is supported chiefly by the members of the Christian Reformed Church, and is controlled by a Board of Trustees composed of two members from each classis. According to the constitution all instruction given must be in harmony with Reformed principles. The various branches of study, therefore, are considered from the standpoint of faith and in the light of Calvinism as a life and world view. The aim of the college is to give young people an education that is Christian, not merely in the sense that devotional exercises are appended to the ordinary work of a college, but in the larger and deeper sense that all the class work, all the student's intellectual, emotional and imaginative activities shall be permeated with the spirit and teaching of Christianity.

CAMPUS AND BUILDINGS

The new campus, comprising about twelve acres of ground, lies in one of the most beautiful residential sections of the city. The site is ideal. To the east are two beautiful boulevards and the varied scenery surrounding Reed's Lake; and across from its southwestern corner lies Franklin Park, a twenty-acre plot of ground offering splendid opportunity for rest and recreation. All around it are residences of the better class. The grounds have been decorated by a landscape artist and now, nearly completed, resemble a park.

The main building, valued at about \$250,000, is an imposing edifice constructed of re-enforced concrete and brick veneer. Thoroughly modern and up-to-date in structure, it is provided with the very best equipment for lighting, heating, and ventilation. No expense has been spared to supply the building with the latest educational facilities. In the high and well-lighted basement are two waiting rooms, two class rooms, the reading room and library, and the physical laboratory; connected with the basement, but in a separate building, is the chemical laboratory; on

the main floor are found the administrative offices, committee room, faculty room, biological laboratory, four lecture rooms, and the auditorium, with a seating capacity of seven hundred twenty-five people; on the second floor are ten lecture rooms and the balcony of the auditorium.

The dormitory is a modern building, completed in 1924, constructed of re-enforced concrete and brick veneer, patterned after the main building. It is thoroughly fireproof and accommodates about 80 male students. Connected with the dormitory is a well-equipped dining room and kitchen. Students board in the dormitory and pay no more than cost price. Application for rooms in the dormitory should be sent to the Dormitory Committee.

A well-equipped gymnasium, also built in 1923-'24, thoroughly modern in every respect, has been added for physical development and athletic activities for the students. The equipment comprises all the apparatus necessary to the latest and most approved physical exercise. Shower baths are provided for the use of the students. All physical instruction and athletic activities are under the supervision of the Committee on Athletics.

LIBRARY

The library is daily open to the students. The books are catalogued according to the Dewey system. Card catalogues, which greatly increase the usefulness of the library, have been prepared. Owing to the liberality of Mrs. E. V. De Jong, the library is in possession of a handsome endowment fund, the interest of which is annually available for the purchase of books. A special gift of \$1,000, received recently, makes a substantial addition to this year's allotment. There is still, however, great need of enlarging the library, and gifts in the form of extra books or money are highly welcome.

LABORATORIES

The *physical laboratory*, which is modern in every respect, contains ten laboratory tables, each accommodating four students. These tables are equipped with double gas cocks, two nickel-plated electric plugs, adjustable metal uprights and cross bars, and four large drawers. In addition to these there are two balance tables, each long enough to support four scales, and two work tables fitted with double gas cocks and pantry cocks for hot and cold water and providing working space for several students at one time. Dust-proof apparatus cases fitted with glass doors, ad-

justable shelves, and capacious drawers, furnish ample room for the storing and displaying of physical apparatus. A special photometric room, containing an up-to-date photometry room desk on which students perform experiments with optical benches and photometers and a separate stock room for storing apparatus and chemicals complete the physical laboratory. The physical lecture room is provided with a stereopticon outfit.

The *chemical laboratory* is a separate building but connected with the main structure. Three double chemistry desks, fitted with double re-agent shelves, six double long spout gas cocks, and an equal number of compression water cocks accommodate forty-eight students working in sections of twenty-four. Four fume hoods of practical construction and design and furnished with stone sink and gas cock, have been installed. An electric exhaust fan removes all obnoxious odors from the hood. Re-agent cases, fitted with adjustable shelves, are conveniently placed so that the student loses little time in walking back and forth to them. The two balance tables are attached to the outside wall in order to reduce vibration to a minimum. Their lengths allow the placing of six balances, leaving sufficient working area around each.

The *biological laboratory* consists of the main laboratory, a plant conservatory, a stock-room, and a private laboratory or dissecting room. It is well-lighted naturally by twelve windows on the south and east sides, and artificially by electric lamps distributed throughout the rooms. The main laboratory contains ten student tables, each furnished with an acid proof top, eight drawers, and four microscope cupboards fitted with individual lock and key; an instructor's demonstration table provided with gas, electricity, water, and a stone sink; three cases for demonstration material and apparatus; a student's chemistry work table with a re-agent shelf, overhead gas and water cocks, and a lead-lined waste-water trough, and a stone sink; a student's preparation supply table and cabinet; a copper gauze live cage with twelve compartments for living terrestrial animals; three large Alberene Stone and glass aquaria for living aquatic animals; and a histology table and cabinet furnished with electricity, gas, water, and a stone sink for the staining and mounting of microscopic objects. The plant conservatory is supplied with water and has a cement floor with drainage opening for waste water. In it there is a starting-table which has more than one hundred feet of lead-lined, self-drained, germinating beds, and a soil bin of two compartments lined with galvanized iron. The stock room contains four cases in which are stored apparatus, preserved plants and

animal material, chemical re-agents in bulk, charts, models, etc. The teacher's private laboratory or dissecting room has also a complete equipment.

STUDENT ORGANIZATIONS

THE BLOTTER.—An organization of male students to promote literary interests.

CHIMES ASSOCIATION.—This association, composed of all student subscribers, publishes *Calvin College Chimes*, a monthly that serves as an organ for the literary expression of the life and the ideals of the student body. During the fourteen years of its existence, this periodical has gained for itself an honorable record.

CHORAL CLUB.—This club, organized for the purpose of giving students instruction and practice in the art of singing, has already become well known for its renditions of the *Messiah* and *Elijah*.

MEN'S AND GIRLS' CHRISTIAN FELLOWSHIP CLUBS.—These two clubs exist for the purpose of fostering real Christian fellowship among the student body and of keeping the moral standard of the students at a high level. All students are welcomed as members in these clubs.

GIRLS' LITERARY SOCIETY.—The young women of the College maintain a literary society of their own.

HETAIRIA PHILIKE.—The students interested in a study of the Greek language and literature have organized a club to further the development of these special interests.

MEN'S GLEE CLUB.—This club is composed of twelve male voices, and is trained by the Director of Music. By its acceptable singing this organization has become a favorite with the public.

MISSION SOCIETIES.—The Student Volunteer Band is maintained by those students who are specially interested in the cause of missions. Special study is made of missionary history and practice.

NIL NISI VERUM.—This group of kindred spirits meets every two weeks in the homes of its members and has for its purpose the cultivation of an interest in the study of "the truth and nothing but the truth."

PHYTOZOON.—To satisfy the increasing demand for discussion of special topics in biology, the students have organized a society which, under the leadership of its faculty director, has become one of the most popular as well as instructive organizations in the school.

RIVAL CLUB.—This club, made up of some of the younger men in the College, has for its purpose the fostering of good fellowship and of the mutual interests of its members.

WOMEN'S GLEE CLUB.—The Women's Glee Club consists of twenty-four voices under the direction of the Director of Music.

ALUMNI ASSOCIATION

The Alumni Association, composed of the graduates of both Seminary and College, aims to promote the interests of both Alma Mater and alumni. After a period of inactivity this association has in the last years given evidence of new life and promises to be a real force in fostering the interests of the school.

LECTURES

Occasionally outside speakers are invited to address the students during the devotional exercises or in the evening. In addition there is abundant opportunity for students to avail themselves of lectures and addresses by men of note who are invited to address different organizations of this city.

SCHOLARSHIPS AND PRIZES

UNIVERSITY OF MICHIGAN STATE COLLEGE FELLOWSHIP.—The following is taken from the Catalogue of the University of Michigan:

"By action of the Board of Regents each of the faculties of the accredited colleges of the State of Michigan is authorized to nominate each year to the administration office of the Graduate School some member of the graduating class or some one of their graduates of not more than four years standing as a suitable candidate for a State College fellowship or scholarship. An alternate may also be nominated in each instance."

Students wishing to make application for this fellowship should consult the Registrar of Calvin College *not later than Feb. 1.*

RHODES SCHOLARSHIP.—Male students in the junior and

senior years may apply for nomination to the Cecil Rhodes Scholarship. This scholarship, tenable for three years, carries an annual honorarium of at least \$1,500.00, for study at Oxford. Students wishing to compete should notify the Registrar before Oct. 1, 1924.

For detailed information address Mr. James K. Watkins, 923 Ford Bldg., Detroit, Mich.

BROODMAN ORATORICAL PRIZE.—Through the generosity of Dr. G. J. Broodman of Grand Rapids, Mich., gold, silver, and bronze medals are given annually to the winners of the first, second, and third prizes, respectively, in the Oratorical Contest.

BROODMAN TROPHY FOR INTERCLASS DEBATING.—Dr. G. J. Broodman also offers a silver cup to be awarded to the winning team in the Interclass Debating Contest.

D. A. R. PRIZE IN AMERICAN HISTORY.—To the student in American Constitutional History who has the best class standing and who writes the best essay on some phase of the American constitution a free trip to Washington is furnished by the Daughters of the American Revolution.

HOFFIUS PRIZE.—Mr. C. Hoffius, prosecuting attorney of Kent County, Michigan, has given to the College \$200.00 from which prizes are to be given annually to the student doing the best work in some subject specifically included in the Pre-Law Course. Freshmen and all Pre-Seminary students are not eligible.

ROZEBOOM PRIZE.—Mr. W. G. Rozeboom of Hull, Iowa, has given to the College \$25.00 as a prize for the Freshman doing the best work in History.

TUITION AND FEES

The tuition fee is \$25.00 per semester; for two from the same family, \$16.50 each; no further reduction is made in case more than two from the same family attend. Further, those living west of the Mississippi and east of Ohio, will be required to pay only one-half of this amount; while those coming from Montana, Wyoming, Colorado, New Mexico, and points west of these states, will be permitted to attend free of charge. The tuition fee must be paid to the treasurer on the day of registration in September and in February. A fee of one dollar will be charged for late registration.

In some laboratory courses an extra fee will be charged to cover cost of material, wear and tear of instruments, etc. The laboratory fees must be paid before the corresponding courses are begun. See description of these courses for the amount of fees.

The diploma fee in the Preparatory School is five dollars. The same fee is charged at the completion of any College Course. These fees must be paid before admission to the final examination.

LIVING EXPENSES

Board and room, fuel and light, in good families, is furnished for seven dollars a week and upward.

Expenses, including board, room rent, fuel, light, washing, and text books, are from four hundred dollars up.

A city such as Grand Rapids offers splendid opportunities for self-support, especially for young women who desire to work for their room and board.

PLACEMENT BUREAU

A Placement Bureau which will effect the placing of prospective teachers, graduates from Calvin College (including the Normal Department), has been established. This Bureau keeps on file a list both of vacancies in the teaching forces in our Christian Schools throughout the country and of graduates who desire to teach. All correspondence for the Bureau should be addressed to: Placement Bureau, Calvin College.

The services are given without charge.

MAINTENANCE AND ENDOWMENTS

For these the School is indebted largely to the kind and generous support of the members of the Christian Reformed Church. From year to year, with the growing of the church, the contributions have become larger and have met the demands of the School, while it has in turn supplied the church with pastors who have shown themselves pious and active workers for the cause of Christ.

The interest accruing from an Endowment Fund of several thousand dollars also contributes to the support of the School.

The College is greatly in need of a larger endowment, and bequests are, therefore, very welcome. Should there be any among the friends of this school whom God has richly blessed with means, may they remember that no money is so well invested as that which is invested in an institution that gives young people a

Christian education, in souls and lives rather than in natural things. The Church, the state, and society depend upon Christian colleges and seminaries for leaders and workers; hence, money expended for the support of such institutions is money spent for the advancement of the Kingdom of God upon earth.

LEGAL FORM OF BEQUEST

I hereby give, devise, and bequeath unto Theological School and Calvin College, a corporation organized and existing under the laws of the State of Michigan, the sum of.....Dollars, to be paid out of any real or personal estate owned by me at my decease.

INFORMATION

The President will be glad to furnish all possible information with reference to the Preparatory School and College. More particularly those desiring private boarding places should apply to Professor Ryskamp. Correspondence is cordially invited.

REGULATIONS

ADMISSION

Applicants for admission are accepted on the presentation of a certificate from an accredited school. All applicants must, however, present a satisfactory written testimonial of good moral conduct. Those who intend to study for the ministry must, in addition, present a recommendation from their consistory.

All certificates and testimonials must be presented to the Registrar on or before the day of registration.

The regular time for admission is at the beginning of the school year in September, and at the beginning of the second semester in January. During the school year, however, the Faculty has the right to accept students that meet the requirements.

PRESCRIBED UNITS

For admission, 15 units* are necessary. Certain of these units are prescribed, as follows:

For Admission to the General College Course, 9 units prescribed:

English	3	Algebra	1
Foreign Languages, any one, Greek, Latin, German, French or Dutch.....	2	Geometry	1
History	1	Laboratory Science, any one, Physics, Chemistry, Botany, or Zoölogy.....	1

For Admission to the Pre-Medical Course (this applies also to such as intend later to study Dental Surgery), 10 units prescribed:

English	3	Algebra	1
Latin	2	Geometry	1
History	1	Physics	1
		Chemistry	1

Applicants for admission to the Pre-Medical Course are also strongly urged to present French or German, Botany, and Zoölogy.

For Admission to the Pre-Engineering Course (this applies also to such as intend to study Architecture) 9½ or 10 units prescribed:

English	3	Geometry	1
Foreign Languages, any one, Greek, Latin, German, French or Dutch.....	2	Laboratory Science, any one, Physics, Chemistry, Botany, or Zoölogy.....	1
History	1	Trigonometry ½; or Foreign Language (additional).....	1
Algebra	1		

For Admission to the Pre-Seminary Course, 12 units prescribed:

English	3	Algebra	1
German	2	Geometry	1
Latin	2	Science	1
History	2		

* A unit of preparatory credit is given when a study has been successfully pursued with 5 recitations per week for 36 weeks.

DISTRIBUTION OF UNITS

The 15 units required, including the units prescribed above, must be distributed between the following two groups as indicated:

GROUP I. (13 units must be chosen from this Group).*

English, 3 or 4 units.	Geometry, 1 to 1½ units.
Greek, 1 to 3 units.	Trigonometry, ½ unit.
Latin, 2 to 4 units.	Physics, 1 unit.
French, 2 to 4 units.	Chemistry, 1 unit.
German, 2 to 4 units.	Botany, ½ to 1 unit.
Dutch, 2 to 4 units.	Zoology, ½ to 1 unit.
Spanish, 2 to 4 units.	Physiology, ½ unit.
History, 1 to 3 units.	Intro. Science, ½ to 1 unit.
Civics and Econom., ½ to 1 unit.	Geography and Geology, ½ to 1 unit.
Algebra, 1 to 2 units.	

GROUP II. (Two units may be chosen from this group). This group comprises any subjects not included in Group I, which are counted towards graduation by the accredited school.

PROVISIONAL ADMISSION

An applicant for admission either on examination or certificate, who presents 15 units from the list given, but who is deficient in not more than 1 of the 13 units from Group I, may be admitted provisionally; but this deficiency must be made up during the first year of residence.

ADMISSION WITH ADVANCED CREDITS

Advanced credit is granted only for studies equivalent to courses offered in our college, and in accordance with the following regulations:

Advanced credit for work taken in an accredited High School will be given only to such applicants as can offer at least 16 units for admission to College, but advanced credit for such work will not be given in excess of 10 college semester hours. Moreover, a study in which advanced credit is sought must be successfully continued for at least one semester in the College.

* A single unit of a foreign language may be counted among the thirteen from Group I upon the satisfactory completion in the College of a second course in the same language.

In any other case, the applicant must pass a satisfactory examination in the work presented for credit; or he must, during his first year of residence in the College, creditably complete, in the department of study concerned, a course presupposing a satisfactory knowledge of the work for which credit is asked.

Students expecting advanced credit for work done at other institutions should bring full credentials.

UNCLASSIFIED STUDENTS

Students who are not candidates for graduation may, in as far as the schedule of recitation allows, take such studies as their preparation qualifies them to pursue with profit. Bible Study, however, must be taken by every student.

RELIGIOUS CULTURE

All students are obliged to attend the devotional exercises held in the auditorium at 9:40 A. M. Religious instruction, either doctrinal or historical, is compulsory for all classes.

On the Sabbath every student is supposed to worship regularly with some church of his own selection.

Every student is visited by some professor at least once in a school year. The object of this visit is not only to speak with the student about methods of study, difficulties encountered in the work, habits of living, but especially to be a help to him in his spiritual life. The college believes that the religious as well as the intellectual side of a student's life should receive due attention.

PHYSICAL EDUCATION

Every Freshman and Sophomore student is required to take 2 hours of gymnastics or physical education per week. No credit is given for this work.

EXAMINATIONS, GRADES, CONDITIONS

The examinations are held at the close of the first and second semesters. A literal system is used in grading the work, as follows:

Grade	Interpretation	Equivalent Honor Points
A	Exceptional	3
B	Good or very good	2
C	Graduation average	1
D	Unsatisfactory; just passable	0
E	Condition, which may be removed at a re-examination	—1
F	Failure. No re-examination	—2
Inc.	Work not completed	

This means that a student can graduate from the college with 125 honor points to his credit; that is, he can get his diploma when he has a C in all his studies, or an average of C. Such average is to be computed by multiplying the number of honor points of each study by the number of hours devoted to that subject per week, and by dividing the result so ascertained by the total hours taken by the student.

Conditions received in January, as well as in June, may be removed only at the supplementary examination held for that purpose on the first Tuesday and Wednesday after the Spring vacation, or on the first Friday and Saturday of the school year. A student whose grade is "E" is allowed one re-examination on the work of the course, for which he receives credit if the re-examination is passed with a grade of "C" or better. If a student fails to remove his condition at the re-examination immediately following the time when the condition was received, the subject will have to be repeated for credit.

Incompletes should be removed on or before the dates set for re-examination; if not removed on or before that date the incomplete becomes an "F".

Any student whose grade is "F" can obtain credit for the course only by repeating it in class.

What course is to be pursued in the case of a student who is not prepared for more advanced work is to be determined jointly by the Dean and the instructor of the subject.

Report cards are sent out at the end of each semester.

DROPPING AND CHANGING OF COURSES

After a student has enrolled for a study, he may not drop it without permission from the Dean; neither may he change his course of study without such permission.

DIPLOMAS AND CERTIFICATES

The School issues diplomas as follows:

To those who have completed the work required for graduation in the Preparatory School. These diplomas admit, without examination, to the University of Michigan, as well as to the College.

To those who have finished the required number of hours of work in the College.

To those who have finished the Three-Year Pre-Seminary Course.

To those who have finished the Three-Year Pre-Seminary Course and three years of Theology.

To those who have finished the Normal Course.

No diploma will be granted for less than one year's resident work, which ordinarily must be the year immediately preceding the granting of the diploma.

When no full course is completed, a statement is given of the studies in which the student passed examination.

STATE TEACHER'S CERTIFICATE

Seniors who are entitled to the A. B. degree and who have completed the required courses both in the department of education and in the subject of their preference, will be recommended for a State Teacher's Certificate. The securing of a Life Certificate requires three years of successful teaching.

TERMS AND VACATIONS

The school year of thirty-six weeks is divided into two semesters of eighteen weeks each.

Two vacations are given during the year: A vacation of two weeks at the Christmas holidays, and a spring vacation of one week. Students are required to remain on duty until the last school exercise preceding a vacation is completed, and to be present at the hour of opening, after a vacation.

DISMISSION

Students are amenable to the regulations of the school from the time of their arrival. As soon as a student's conduct becomes detrimental to his own or the school's best interest, the Faculty will suspend him after due warning, and, in case no improvement results, the withdrawal of such a student may be required.

THE COLLEGE

GENERAL COLLEGE COURSE

Students who enroll in the General College Course must complete 125 hours* of work for the A. B. degree.

These 125 hours must be distributed according to the group system indicated below.

Of the 125 hours thus distributed, those indicated in the next section are prescribed.

PRESCRIBED WORK—

Bible Study.....	10 hours
Rhetoric	6 hours
German or French.....	6 or 12 hours†
History.....	6 hours
Philosophy (not including Psychology or Logic).....	6 hours
Natural Science.....	10 hours
A total of 44 or 50 hours	

DISTRIBUTION OF THE TOTAL 125 HOURS ACCORDING TO GROUP RESTRICTIONS—

Group I. Ancient Languages and Literatures, Modern Languages and Literatures, English, Public Speaking.

Group II. Mathematics, Physics, Chemistry, Zoology, Botany, and Psychology.

Group III. History, Economics, Sociology, Political Science, Philosophy, Education, and Logic.

Restrictions:

1. Each student must choose a major and a minor group. In his major group he must take four semester courses of three hours each, in *two* departments. In his minor group he must take four semester courses of three hours each, in *one* department.

2. The maximum number of hours which a student may take within a department is *forty*; the minimum is *twenty-four* for the major group and *twenty* for the minor group.

By department is meant a study as outlined under "Description of Courses," pages 32-56.

* An hour of credit is given when a study has been satisfactorily pursued with one recitation per week for one semester.

† German or French, 12 hours. If preceded by High School units, this number may be reduced in the proportion of 3 hours for every unit. Every student, however, is required to take in the college at least 6 hours of either German or French.

PRE-SEMINARY COURSE (1923-'24)

The completion of this course entitles the student to the A. B. degree. The course is arranged (1923-24)* as follows:

FRESHMAN

First Semester	Second Semester
Greek 4†	Same as First Semester
English 3	
Latin 3	
History 3	
Public Speaking 2	
Bible Study 1	

SOPHOMORE

Greek 3	Greek 3
Latin 3	Latin 3
Dutch History 3	Dutch History 3
History 3 or	History 3 or
Sociology 3	Sociology 3
Psychology 3	Logic 3
Public Speaking 1	Public Speaking 1
Bible Study 1	Bible Study 1

JUNIOR

Greek 3	Greek 3
History of Philosophy 3	History of Philosophy 3
German 4	German 4
Dutch Literature 3	Dutch Literature 3
Elective 3	Elective 3
Calvinism 1	Calvinism 1

SENIOR

Advanced Philosophy 3	Advanced Philosophy 3
Hebrew 3	Hebrew 3
German 3	German 3
Greek 3	Greek 3
Elective 3	Elective 3
Biblical Archæology 1	Biblical Archæology 1

* Compare Pre-Seminary Course 1924-25.

† The figure indicates the number of recitations per week.

PRE-SEMINARY COURSE (1924-'25)

Students in this course must complete 125 hours of work. Graduation entitles the student to the A. B. degree.

The following 108 hours of work are prescribed:

English	12	Philosophy (including Psychology and Logic)	12
Dutch	18	Organic Science	6
Greek	18	Bible	8
Latin	15	Public Speaking	4
History	6	German	3
Sociology	6		

Of the remaining 17 hours (Electives), at least 6 must be taken in a subject in which the student has already had 12 hours of work. In case students cannot present the number of hours of High School subjects required for admission to this course, such deficiency cannot be met by applying any of the 17 hours of electives.

In the elementary grammar courses 3 hours of credit represents 4 hours of work.

All students, whether they have taken their college work at Calvin or elsewhere, must, without exception, meet the requirements stipulated in this course before they can enter the Seminary.

THREE-YEAR PRE-MEDICAL COURSE

FRESHMAN

First Semester	Second Semester
Rhetoric 3	Rhetoric 3
Modern Language 4	Modern Language 4
Chemistry 4	Chemistry 4
Fundamentals of Zoology 4	Elective 3 or 4
Bible Study 1	Bible Study 1

SOPHOMORE

Qualitative Chemistry 4	Organic Chemistry 4
Physics 4	Physics 4
Invertebrate Zoology 4	Botany 4
Modern Language 3	Modern Language 3
Bible 1	Bible 1

JUNIOR

English 3	English 3
Modern Language 3 or 4	Modern Language 3 or 4
Psychology 3	Physical Chemistry 4
Electives 3 to 6	Vertebrate Zoology 4
Bible 1	Bible 1

Suggested electives: Latin, History, Political Economy, Philosophy, Quantitative Chemistry, Advanced Botany, Physiology, and Hygiene.

Total number of hours should secure for the student at least 90 hours of credit.

The completion of this course plus one year of work at a recognized Medical School, entitles a student to the A. B. degree from Calvin College.

TWO-YEAR PRE-ENGINEERING COURSE

FRESHMAN

First Semester	Second Semester
Rhetoric 3	Rhetoric 3
Modern Language 4	Modern Language 4
Analytic Geometry 4	Analytic Geometry 4
General Chemistry 4	General Chemistry 4
Bible Study 1	Bible Study 1

SOPHOMORE

English Literature 3	Same as First Semester
Modern Language 4	
Calculus 4	
Physics 5	
Bible Study 1	

The completion of the above course, plus three years of work taken at a recognized school of engineering, should enable one to finish the regular engineering course.

THREE-YEAR PRE-LAW COURSE

FRESHMAN

First Semester	Second Semester
Rhetoric 3	Same as First Semester
Latin 3	
Mathematics or Science 3	
History 3	
Public Speaking 3	
Bible Study 1	

SOPHOMORE

English Literature 3	Same as First Semester
Latin 3 or Modern Language 4	
History 3	
Sociology 3	
Psychology 3	
Bible Study 1	

JUNIOR

Rhetoric 3	Same as First Semester
English History 3	
Political Science 3	
Electives 6 or 7	
Bible Study 1	

Upon completion of this course and one year of work in law at a recognized law school, the candidate will be granted the A. B. degree from Calvin College.

A. B. COURSE IN EDUCATION

Of the 125 hours required in this course, the following 94 are prescribed:

English12	Sociology 6
Modern Language12	Ancient Language or
History12	Natural Science12
Mathematics or	Education24
Philosophy (Introd.	Bible10
to Phil. and Hist.	
Anc. Phil.) 6	

The student must so distribute his 31 hours of electives as to have a total of 24 hours in some other subject besides Education.

NORMAL COURSE

FRESHMAN

First Semester	Second Semester
English 3	Teachers' Eng. Grammar.. 3
Introd. Psychology 3	Genetic Psychology, or
Principles of Education... 3	Educ. Psychology 3
Religion 3	Religion 3
Music 1	Music 1
Phys. Education 2	Physiology and Hygiene... 4
Elective, such as History, Mathematics or Science 3	Elective, such as History, Mathematics or Science 3
18	17

SOPHOMORE

History of Education..... 3	Methods of Teaching..... 5
Methods of Teaching..... 5	Practice Teaching..... 4
Practice Teaching..... 4	School Art..... 2
School Art..... 2	Fundamentals 3
Fundamentals 3	Elective, such as History, Mathematics or Science 3
Expression 1	Expression 1
18	18

The completion of this course will entitle the graduate to a three-year State Certificate, and, after three years of satisfactory teaching, to a Life Certificate.

DESCRIPTION OF COURSES

Each course runs for one semester. Courses marked with an odd number are given during the first semester; those marked with an even number during the second.

BIBLE STUDY

- 1 and 2. REFORMED DOCTRINE *Two Hours*
The doctrine of the dispensation of Grace. One hour each semester. Text: Heyns, Gereformeerde Geloofsleer. Professor Heyns.
- 3 and 4. REFORMED DOCTRINE *Two Hours*
The doctrines of the application of Grace and of the Last Things. One hour each semester. Text: Heyns, Gereformeerde Geloofsleer. Professor Heyns.
- 5 and 6. REFORMED DOCTRINE *Two Hours*
The doctrines of God, Man, and Christ. One hour each semester. Rev. W. Stuart.
- 7 and 8. REFORMED DOCTRINE *Two Hours*
The doctrines of Salvation, the Church, the Means of Grace, and the Last Things. One hour each semester. Rev. W. Stuart.
9. BIBLICAL ARCHAEOLOGY *Two Hours*
For Seniors taking the Pre-Seminary Course. Professor Berkhof.
10. STUDIES IN CALVINISM *Two Hours*
A discussion of Calvinism and its influence and of its application in religion, in education, society, politics, ethics, and art. Lectures, assigned reading, and papers by the class. The President.

11 and 12. INTRODUCTION TO THE BOOKS OF THE BIBLE

Three Hours

A study of the books of the Bible. Emphasis is laid upon the organic character of the Scriptures and upon the contents, historical setting, literary form, and permanent principles of each book. Text: Henry T. Sell, D.D., Bible Study By Books. Supplementary lectures. Three hours each semester. Rev. E. F. J. Van Halsema.

CHEMISTRY

PROFESSOR DEKKER

1. GENERAL INORGANIC CHEMISTRY *Four Hours*
Three hours in class-room, lectures, quizzes and laboratory discussion and one laboratory period of from three to four hours per week.
Laboratory fee, \$2.50. Breakage fee, \$2.50.
Prerequisite: High School Chemistry.
2. GENERAL INORGANIC CHEMISTRY *Four Hours*
Continuation of Course 1. Hours, text, and fees the same.
- 1B. GENERAL INORGANIC CHEMISTRY *Four Hours*
Three hours in class-room, lectures, quizzes and laboratory discussion and one laboratory period of from three to four hours per week.
Laboratory fee, \$2.50. Breakage fee, \$2.50.
Prerequisite: No previous training in Chemistry required, but student should have knowledge of Physics.
- 2B. GENERAL INORGANIC CHEMISTRY *Four Hours*
Continuation of Course 1B.
Hours, text, and fees the same.
3. QUALITATIVE ANALYSIS *Four Hours**
Three hours in the class-room and one laboratory period of not less than four hours per week.
Laboratory fee, \$2.50. Breakage fee, \$2.50.
This course deals with principles underlying analytic processes and with reactions and qualitative analytic methods.
Prerequisite: Courses 1 and 2 or 1B and 2B.

4. ORGANIC CHEMISTRY *Four Hours**

Three recitations and one laboratory period of four hours per week.

Laboratory fee, \$2.50. Breakage fee, \$2.50.

This course is required of all students who elect the Pre-Medical Course.

Prerequisites: Courses 1 and 2 or 1B and 2B.

5. QUANTITATIVE ANALYSIS *Four Hours**

Two hours in the class-room and from six to eight hours of laboratory work per week.

Laboratory fee, \$3.00. Breakage fee, \$3.00.

This course emphasizes the quantitative application of the principles of Analytic Chemistry and gives training in quantitative methods and technique.

Prerequisite: Course 3.

*Five hours will be arranged for engineering students.

DUTCH STUDIES

PROFESSOR VAN ANDEL

11. ELEMENTARY GRAMMAR *Three Hours*

Conjugations and declensions. Required outside reading. Four recitations a week.

12. ADVANCED GRAMMAR *Three Hours*

Review of preceding course. Syntax. Required outside reading. In class some Dutch works are read. Four recitations a week.

15. ROMANTICISM *Three Hours*

Review of grammar. Weekly compositions. Required outside reading. In class some outstanding Romantic authors are discussed. Special study is made of Bilderdijk and Da Costa as originators of the revival of Calvinism in the Netherlands.

16. REALISM *Three Hours*

Weekly compositions. Required outside reading. In class some important Realistic authors are discussed.

17. RENAISSANCE *Three Hours*

The Middle Ages, the Early Renaissance, and the "Golden Age". The aim of this course is to bring out the bearing which Catholicism, Humanism, and Calvinism had on Dutch Literature. Assigned reading and monthly essays.

18. MODERN LITERATURE *Three Hours*

The modern movements of Naturalism, Symbolism, and Neo-Classicism. Assigned reading and term papers.

21. MEDIAEVAL DUTCH HISTORY *Three Hours*

The development of Mediaeval institutions and the rise of democracy and Calvinism in the Netherlands. Collateral reading, term papers, and class exercises.

22. MODERN DUTCH HISTORY *Three Hours*

The contributions of Holland to the world's civilization and its re-awakening after 1813 in respect to culture and Calvinism receive due attention. Collateral reading, term papers, and class exercises.

31. FLEMISH PAINTING *Three Hours*

A course in the development of Flemish painting from the Mediaeval Miniaturists to Rubens and Van Dyck. The method will be analytical as well as historical. Instruction is based on reproductions of paintings with supplementary readings and reports.

32. DUTCH PAINTING *Three Hours*

Emphasis will be placed on the masters of the seventeenth and the nineteenth centuries. The principles of pictorial composition are studied. Assigned reading and term papers. Prerequisite: Course 31.

ECONOMICS AND SOCIOLOGY

PROFESSOR RYSKAMP

The courses in Economics and Sociology are considered as belonging to one department. To avoid confusion in enrolling, the student will please indicate carefully both the number and the name of the course desired.

Freshmen intending to major in this department are advised to begin with Courses 1 and 2, introductory to both Economics and Sociology.

1. (Economics) HUMAN AND ECONOMIC GEOGRAPHY *Three hours*
A study of man's adaptation to his physical environment; with emphasis on the resources of the several economic regions of the world and their effects upon man's habits, industries, trade relations, methods and lines of transportation, and so forth. Intended for those particularly interested in the social sciences and for those taking the Normal Course. A Freshman course.
2. (Sociology) INTRODUCTION TO SOCIOLOGY *Three hours*
A continuation of Course 1. An historical introduction to social economy and to the modern social problem, including a statement of the problems of modern social life.
3. PRINCIPLES OF ECONOMICS *Three hours*
A review of the fundamental principles underlying modern economic life. Not open to Freshmen, except by special permission.
4. PRINCIPLES OF ECONOMICS *Three hours*
A continuation of the principles of political economy and an application of the same to current industrial problems and institutions. Students electing Course 3 are expected to take Course 4.
5. THE PRINCIPLES OF SOCIOLOGY *Three hours*
A study of the underlying principles of social science: the individual in society, the social mind, social organization, and so forth. Not open to Freshmen, except by special permission.
6. PRINCIPLES AND PROBLEMS OF SOCIOLOGY *Three hours*
A continuation of Course 5 with a further application of the principles to the outstanding social institutions; including a discussion of the problems arising out of the breaking down of these institutions.
7. (Economics) THE FINANCIAL ORGANIZATION OF SOCIETY *Three hours*
A study of the nature and functions of money, with a

view to the understanding of the complex rôle of currency systems in our national and international life. A detailed study of the functions of banking, the Federal Reserve, private financial institutions, foreign trade, the financial promotion of corporations and of trusts, the trust problem, and so forth.

Prerequisite: Courses 3 and 4 or their equivalents.

8. (Economics) THE FINANCIAL ORGANIZATION OF SOCIETY *Three hours*
A continuation of Course 7.
9. (Economics) LABOR PROBLEMS AND TRADE UNIONISM *Three hours*
The historical background of the modern labor movement, the controversies between capital and labor, and the various solutions offered. A careful study of the history, nature, and problems of trade unionism.
Prerequisite: Courses 3 and 4, or 5 and 6.
10. (Sociology) ADVANCED SOCIAL THEORY *Two or Three hours*
This course may be adapted to suit the needs of the student. It will, however, include some review of the history of social thought.
Prerequisite: Courses 5 and 6.

EDUCATION

PROFESSOR J. BROENE

1. INTRODUCTORY PSYCHOLOGY *Three hours*
A first course with some reference to the implications of psychology for pedagogy.
2. GENETIC PSYCHOLOGY *Three hours*
Course 1 or its equivalent is a prerequisite.
3. PRINCIPLES OF EDUCATION *Three hours*
A study of the aim of education and of the various underlying problems.

4. THE PRACTICE OF EDUCATION *Three hours*

This course deals with the teaching process and with problems pertaining to class management.

5. HISTORY OF EDUCATION *Three hours*

A survey of the growth of educational theory and practice during the ancient and mediæval periods.

6. HISTORY OF EDUCATION *Three hours*

A continuation of Course 5 covering the modern period.

7. SCHOOL ADMINISTRATION *Two hours*

This course aims to discuss the organization and management of state and local school systems.

8. PRINCIPLES OF SECONDARY EDUCATION *Two hours*

A study of secondary school problems. Special attention is given to the phenomena and problems of adolescence.

Courses in the methods of teaching high school subjects are offered by the various departments.

ENGLISH

PROFESSOR VANDEN BOSCH

1. COMPOSITION AND RHETORIC *Three hours*

Review of the essentials of rhetoric; lectures on the preparation of long themes, term papers, and monographs; the writing of one long theme; weekly exercises in exposition and description.

2. COMPOSITION AND RHETORIC *Three hours*

Analytical and synthetical study of the leading forms of exposition; argumentation; constant drill in writing.

Courses 1 and 2 are required of all Freshmen, and are prerequisite to all other courses in English.

3. INTRODUCTION TO LITERATURE *Three hours*

Discussion of such fundamental problems as the character of literature, its relation to other subjects, its forms, and kindred topics. Desirable for all who wish to specialize in literature.

4. ADVANCED COMPOSITION *Three hours*

Open only to those who receive special permission. Analysis of masterpieces; criticism of students' themes. The aim is to develop originality.

11. AMERICAN LITERATURE *Three hours*

From the beginning to 1840. A study of the religious, political, social, and artistic background of our national culture. Open to Sophomores and Juniors.

12. AMERICAN LITERATURE *Three hours*

The New England group, post-bellum realism, moralistic fiction, the historical romance, naturalism, and the new poetry. Open to Sophomores and Juniors.

17. THE ROMANTIC MOVEMENT *Three hours*

Open to Juniors and Seniors.

18. THE VICTORIAN PERIOD *Three hours*

Open to Juniors and Seniors.

19. CONTEMPORARY LITERATURE OF ENGLAND *Three hours*

Fiction from 1890 to the present day. A study is made of the philosophic, scientific, political, social, and artistic influences that are reflected in the various literary movements of this period. The work is related to continental fiction.

Open to Juniors and Seniors.

20. CONTEMPORARY LITERATURE OF ENGLAND *Three hours*

Drama and poetry since 1890 are considered in connection with continental movements and the authors representing them.

Open to Juniors and Seniors.

21. JOHN MILTON *Three hours*

The life, times, ideas, and art of Milton are studied.

Open only to Juniors and Seniors.

30. TEACHERS' COURSE *One hour*

History and methods of teaching English in secondary schools. Twenty hours of observation work is required.

Prerequisite: At least six of the courses offered in this department.

FRENCH

PROFESSOR A. E. BROENE

1. ELEMENTARY COURSE *Three hours*
Grammar, pronunciation, composition, dictation. Oral drill and conversation are intended to impart a certain amount of ear-training and ability to understand simple spoken French. Four recitations a week.
2. CONTINUATION OF COURSE 1 *Three hours*
Text in both courses: Aldrich, Foster, and Roulé, Elementary French. This is followed by the reading of about seventy-five pages of easy prose. Four recitations a week.
3. INTERMEDIATE COURSE *Three hours*
Reading of about two hundred pages of easy nineteenth century texts. Review of grammar. Composition based on the texts read.
Prerequisite: Courses 1 and 2.
4. CONTINUATION OF COURSE 3 *Three hours*
Reading of about three hundred pages of modern prose. Collateral reading and reports. Grammar and composition. Text: Carnahan's French Review Grammar.
Prerequisite: Course 3.
5. THE ROMANTIC MOVEMENT *Three hours*
History of French literature of the early nineteenth century. Collateral reading and reports.
Prerequisite: Course 4.
6. NINETEENTH CENTURY—SECOND HALF *Three hours*
History of the realistic period of French literature. Collateral reading and reports.
Prerequisite: Courses 1 to 4.
Courses 5 and 6 are not offered during 1924-'25.
7. THE CLASSIC PERIOD *Three hours*
A study of French literature and culture in the seventeenth century. Reading of selections.
Prerequisite: Course 4.

8. CONTINUATION OF COURSE 7 *Three hours*
A study of two dramas of the classic period.
Prerequisite: Courses 4 and 7.
9. METHODS OF TEACHING MODERN FOREIGN LANGUAGES *One hour*
Intended for prospective teachers of French in secondary schools. Twenty hours of observation work required.
Prerequisite: Six of the courses offered in this department.

GERMAN

PROFESSOR A. E. BROENE

1. ELEMENTARY COURSE *Three hours*
Grammar and composition. Text: Vos's Essentials. Four recitations a week.
2. CONTINUATION OF COURSE 1 *Three hours*
Text: Vos's Essentials, completing first thirty-two lessons. Reading of about one hundred pages of modern prose. Four hours a week.
3. INTERMEDIATE COURSE *Three hours*
Review of the more important parts of grammar. Reading of nineteenth century prose. Composition. Text: Boezinger, Erstes Aufsatzbuch. Assigned reading and reports.
Prerequisite: Courses 1 and 2.
4. INTERMEDIATE COURSE CONTINUED *Three hours*
Prerequisite: Course 3.
5. THE ROMANTIC PERIOD *Three hours*
A survey of German literature of the first half of the nineteenth century. Collateral reading and reports.
Prerequisite: Course 4.
6. REALISM *Three hours*
History of German literature after the middle of the nineteenth century. Collateral reading and reports.
Prerequisite: Course 4.

7. NINETEENTH CENTURY DRAMA *Three hours*
 Selected dramas from Grillparzer, Hebbel, or Hauptmann. Papers on related subjects in English and German. German composition.
 Prerequisite: Course 4.
8. CONTINUATION OF COURSE 7 *Three hours*
 Prerequisite: Courses 4 and 7.
 Courses 7 and 8 are not offered during 1924-'25.
9. THE CLASSIC PERIOD *Three hours*
 A general survey of German literature in the eighteenth century. Collateral reading and composition.
 Prerequisite: Course 4.
10. THE CLASSIC DRAMA *Three hours*
 A study of two dramas selected from the works of the great classic authors.
 Prerequisite: Courses 4 and 9.
 Courses 9 and 10 are not offered during 1924-'25.

GREEK

PROFESSOR STOB

1. BEGINNERS' GREEK *Three hours*
 Text: Burgess and Bonner's Elementary Greek. The first thirty lessons. Four recitations a week.
2. BEGINNERS' GREEK *Three hours*
 Continuation of Course 1. Completion of the text and reading of the first book of Xenophon's Anabasis. Four recitations.
3. XENOPHON *Three hours*
 Translation of several books of the Anabasis.
4. HOMER *Three hours*
 A study is made of the Iliad.
7. PLATO *Three hours*
 The Apology is studied in its entirety and the Phædo is begun.

8. PLATO *Three hours*
 Continuation of the Phædo and reading of the Theætetus.
9. EURIPIDES *Three hours*
 The Medea and the Hippolytus are read. Lectures on the history and the development of Greek drama.
10. ARISTOPHANES *Three hours*
 The Frogs is read as literary criticism on Euripides. Lectures on development of comedy.
11. PLATO *Three hours*
 The Apology and the first book of the Republic. 1924-'25.
12. PLATO *Three hours*
 The most important parts of the remaining books of the Republic will be read. 1924-'25.
13. NEW TESTAMENT GREEK *Two hours*
 Syntactical study of the Gospel of Mark.
14. NEW TESTAMENT GREEK *Two hours*
 The Epistle of Paul to the Romans is read.
 The courses in New Testament Greek are elective, and cannot be substituted for any of the required courses in classical Greek. They are open to all who have had one year or more of Greek.
15. SOPHOCLES *Three hours*
 The Antigone is read; also the Bacchanals or Euripides. 1924-'25.
16. ARISTOPHANES *Three hours*
 A study is made of the Birds as representative of Greek comedy. 1924-'25.

HEBREW

PROFESSOR VOLBEDA

1. ELEMENTARY COURSE *Three hours*
The material is that covered by Harper's Method and Manual and Harper's Elements of Hebrew.
2. ELEMENTARY COURSE *Three hours*
Continuation of Course 1.
Courses 1 and 2 are required of all students who contemplate entering the Seminary.

HISTORY

PROFESSOR HOEKSTRA

1. WESTERN EUROPE SINCE 1815 *Three hours*
The political and economic reconstruction of Europe after the Napoleonic Wars. The narrative history of France and Italy to 1870. Lectures and collateral reading. Not given after 1923-'24.
2. WESTERN EUROPE SINCE 1815 *Three hours*
France and Italy since 1870, Germany since 1815. Lectures and collateral reading. Not given after 1923-'24.
- 1A. EUROPE SINCE 1815 *Three hours*
The general history of Europe since 1815, with emphasis on such topics as the revolutionary movements in France, the unification of Germany, the rise of Socialism. Discussion and assigned reading. Given 1924-'25. Presupposes a High School course in General History.
- 2A. EUROPE SINCE 1815 *Three hours*
A continuation of Course 1A, which is prerequisite to 2A. Given 1924-'25. Courses 1A and 2A are for Freshmen; open to Sophomores by special arrangement.
3. EASTERN EUROPE SINCE 1815 *Three hours*
Russia from 1815 to the near present. Lectures, readings, and reports. Prerequisite: Courses 1 and 2 or 1A and 2A. Given 1923-'24 and 1925-'26. For Sophomores and Juniors.

4. ENGLAND AND THE BRITISH EMPIRE SINCE 1815

Three hours

A study of England's domestic history and of British Imperialism. Lectures, readings, and reports. Not given after 1923-'24.

- 4B. EASTERN EUROPE SINCE 1815

Three hours

The Balkan States, Austria, Hungary, and Czecho-Slovakia. Lectures, readings, and reports. Given 1925-'26. Prerequisite: Same as for Course 3. For Sophomores and Juniors.

5. ENGLISH HISTORY TO 1689.

Three hours

The political and constitutional history of England will be studied with the aid of such a text as Cheyney's Short History of England. Prerequisite: A High School course in General History, or Courses 1A and 2A. Given 1924-'25. Primarily for Sophomore or Junior year.

6. ENGLISH HISTORY SINCE 1689

Three hours

Continuation of Course 5, which is prerequisite. Given 1924-'25. Courses 5 and 6 should be taken by those preparing for the study of law.

7. AMERICAN CONSTITUTIONAL HISTORY TO 1789

Three hours

Special attention is directed to the origin and development of political institutions and to the formation of state and federal constitutions. Lectures and readings. Prerequisite: A High School course in American History. Should be supplemented by Course 10. Given 1923-'24 and 1924-'25.

10. AMERICAN CONSTITUTIONAL HISTORY SINCE 1789

Three hours

A continuation of Course 7, which is prerequisite. Given 1924-'25. Courses 7 and 10 open to Juniors and Seniors.

11. (Now Course 8) AMERICAN FOREIGN RELATIONS

Three hours

The diplomatic relations of the United States since 1789 with the principal countries of Europe and with China and Japan. Prerequisite: High School course in American History. Given 1923-'24, second semester, and 1924-'25, first semester.

12. AMERICAN FOREIGN RELATIONS *Three hours*
Diplomatic relations with South American countries. Origin and development of the Monroe Doctrine. Given 1924-'25. Courses 11 and 12 are open to Juniors and Seniors.

9. TEACHERS' COURSE
Methods of teaching history in secondary schools. 1924-'25. For Seniors. Prerequisite: 21 to 24 hours of History.

LATIN

PROFESSOR BOOKS

Students who expect to teach Latin and are candidates for a State Teacher's Certificate, are advised to take all the courses in this department.

Students who wish to graduate from the four-year pre-Seminary Course must complete fifteen semester hours beyond Courses 1 and 2, and must include Course 6. Those who with admission offer more than two units of Latin may reduce the requirement by three semester hours for every unit taken in a High School.

- 1 and 2. ELEMENTARY LATIN AND CÆSAR *Four hours*
These courses, running through the year, cover the first two units for entrance to College, and are intended for those who have taken no Latin in their High School course. Four hours credit each semester.

3. ROMAN ORATORY *Three hours*
Some selected orations of Cicero and Latin prose composition. Comparison of ancient and modern oratory and the history and government during the century before Christ. This course is offered for those students who present two units of Latin for admission, and is also open to students who have taken Courses 1 and 2. With assigned readings, an additional hour of credit may be earned.

4. POETRY *Three hours*
Parts of books I to VI of Virgil's Æneid. Translation and interpretation, metrical reading, and studies in Roman

mythology. The personal, national, and religious elements found in the Æneid are traced in relation to the threefold policy of Augustus Cæsar. With the reading of the sixth book a careful study is made of Virgil's conception of the hereafter. With assigned readings, an additional hour of credit may be earned.

5. PHILOSOPHICAL TREATISES *Three hours*
Cicero's De Senectute and De Amicitia. Papers by the students on assigned subjects.
6. CHRISTIAN LITERATURE *Three hours*
Augustine's Confessions and Calvin's Institutes. The purpose of this Course is to acquaint the students with the life and language of these two great men of the Christian Church, and from their writings in the Latin language to introduce the students to their thought and principles. Papers on assigned subjects.
7. ROMAN HISTORIANS *Three hours*
Livy, Book XXI: the history and the life of Rome during the period of the Punic Wars.
Sallust: the Jugurthine War or the Catilinarian Conspiracy.
8. IMMORTALITY IN ROMAN THOUGHT *Three hours*
Selected readings from various Latin writers for the study of the Roman Conception of the soul after death.
Cicero: Tusculan Disputations, Book I; Somnium Scipionis; De Senectute, sec. 74-82; some letters.
Virgil: Æneid, Book VI and Georgics, Book III.
Horace: Selected odes and epodes.
Selected parts of Ovid, Catullus, and other writers.
9. ROMAN COMEDY AND BIOGRAPHY *Two hours*
Terence: the Adelphi or one of his other works. History of the drama among the Romans. Suetonius: The Lives of Julius and Augustus Cæsar, and a study of the political, social, and moral conditions at Rome during the last half century before Christ.
10. ROMAN LIFE AND THOUGHT *Two hours*
This course is required of all students who expect to teach Latin, and is open to students who have had at least two units of High School Latin, or have taken Courses 1 and 2. In this course such subjects as these will be studied:

Travel and Correspondence; Rome, the Imperial City; the Family and the Position of Women; Children and Education; Religion and Philosophy, and so forth. Lectures, textbook, assigned readings, term papers. Illustrated with slides.

11. ROMAN HISTORY OF THE EMPIRE *Two hours*
 Tacitus: Agricola and Germania. Britain's and Germany's ancient forms of government and civilization, with a comparison of the moral and social conditions at Rome during the first century. (Not offered in 1924-'25.)
12. TEACHERS' COURSE *One hour*
 This course is required of all students who expect to teach Latin, and who seek to obtain a State Teacher's Certificate. It is open to such only as have had at least Courses 1 to 8. In this course a study will be made of the problems and methods of teaching secondary Latin. Twenty hours of observation will be required. Students should combine 12 and 14. (Not offered in 1924-'25.)
14. LATIN GRAMMAR AND WRITING *One hour*
 In this course a thorough review of Latin grammar and syntax will be made, and attention will be given to Latin writing. Parts of Cæsar and Cicero will be carefully studied. (Not offered in 1924-'25.)

MATHEMATICS

PROFESSOR NIEUWDORP

1. ALGEBRA *Three hours*
 For those who have had only one year of Algebra in the High School.
2. SOLID GEOMETRY *Three hours*
3. COLLEGE ALGEBRA *Three hours*
 Prerequisite: Course 1.
4. PLANE TRIGONOMETRY *Three hours*
 Prerequisite: Courses 1 and 3.

5. PLANE ANALYTIC GEOMETRY *Four hours*
 Prerequisite: Courses 3 and 4.
6. CONTINUATION OF COURSE 5 *Four hours*
 Plane Analytical Geometry completed and introduction to Solid Analytical Geometry.
7. DIFFERENTIAL CALCULUS *Four hours*
 Prerequisite: Courses 5 and 6. Not offered in 1923-'24.
8. INTEGRAL CALCULUS *Four hours*
 Completion of Integral Calculus and introduction to Differential Equations. Not offered in 1923-'24.
9. DIFFERENTIAL EQUATIONS *Three hours*
 Prerequisite: Courses 7 and 8.
10. THEORY OF EQUATIONS *Three hours*
 Prerequisite: Courses 3, 5, and 6.
11. PROJECTIVE GEOMETRY *Three hours*
 This will be offered if one of the other courses for this semester is not elected by enough students.
12. TEACHERS' COURSE *One hour*
 Discussion of methods of teaching Mathematics in secondary schools. Twenty hours of observation work are required.

MUSIC

MR. SWETS

5. HISTORY OF MUSIC *Three hours*
 The development of the art of music from the earliest times till the present. Oratorio and church music, the opera, songs, and instrumental music. Biographies of composers. Representative compositions of each main period presented in class. Lectures, collateral readings, term papers, and textbook work.
6. HISTORY OF MUSIC *Three hours*
 Continuation of Course 5.

ORGANIC SCIENCE
PROFESSOR VAN HAITSMAN

1. FUNDAMENTALS OF ZOOLOGY *Four hours*
The more significant principles of animal biology, such as classification, anatomy, physiology, embryology, heredity, and evolution are studied. Three recitations and three hours of laboratory work a week. Laboratory fee, \$2.00.
2. HUMAN PHYSIOLOGY *Two hours*
A study of some vital phenomena occurring in man. Course 1 is a desirable antecedent.
4. PERSONAL HYGIENE *Two hours*
The care of the human body. This course must be preceded or accompanied by Course 2.
5. INVERTEBRATE ZOOLOGY *Four hours*
Anatomy, physiology, behavior, and classification of animals representative of invertebrate groups. Economic forms are emphasized. Three recitations and three hours of laboratory work a week. Laboratory fee, \$2.00.
6. INTRODUCTION TO BOTANY *Four hours*
Anatomy, physiology, economics, breeding, and classification of seed plants. Three recitations and three hours of laboratory work a week. Laboratory fee, \$2.00.
7. PLANT MORPHOLOGY *Four hours*
A comparative study of plant forms and life histories typical of large groups. This course offers a general systematic view of the plant kingdom. Three recitations and three hours of laboratory work a week. Laboratory fee, \$2.00. Course 6 is prerequisite. (Not offered in 1924-'25.)
8. VERTEBRATE ZOOLOGY *Four hours*
Comparative anatomy and natural history of vertebrates. Evolution problems are emphasized. Three recitations and three hours of laboratory work a week. Laboratory fee, \$2.00. Courses 1 and 5 are prerequisites; Course 2 is a desirable antecedent.
9. BIOLOGICAL PROBLEMS *Three hours*
History of biology, the nature of the individual, varia-

tion of organisms, evidences for evolution, and organic teleology. Lectures, assigned readings, recitations, and reports. Prerequisite: Course 1. Courses 5 and 8 are desirable antecedents.

12. TEACHING OF BIOLOGY *One hour*
The point of view, contents, and methods of teaching secondary school Botany, Zoölogy, and Human Physiology and Hygiene. Prerequisites: all preceding courses in Organic Science.
- 13 and 14. LABORATORY METHODS *Two hours*
Collection, preparation, and preservation of laboratory materials. Maintenance of laboratory cultures. Microscopic technique: Killing, fixing, dehydrating, embedding, sectioning, staining, and mounting of microscopic preparations for Botany, Zoölogy, and Physiology. Except in cases where special permission is obtained, this course must be accompanied by Course 12. Laboratory fee, \$2.00. Three hours of laboratory work a week throughout the year.

PHILOSOPHY

PROFESSOR JELLEMA

Courses 1 and 2 are not considered as Philosophy in the hours prescribed for the General College Course.

1. PSYCHOLOGY *Three hours*
A general course in psychology with special attention to the philosophical implications. Exercises. Text: Warren or Woodworth.
2. LOGIC *Three hours*
A course in traditional logic. Throughout an attempt is made to estimate its relation to real logic. Exercises. Text: Welton and Monahan.
3. INTRODUCTION TO PHILOSOPHY *Three hours*
An attempt to make the student aware that he is constantly and inescapably answering questions of fundamental import, to give him some notion of what these questions are philosophically, and to acquaint him with the method of solution. Lectures, discussions, and papers. Text: Hibben.

4. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY *Three hours*
An attempt by discussion to appreciate the problems and method of philosophy as incorporated in the historic development. Emphasis is on the implicit movement. Collateral reading, including fragments from the translated sources. Papers. Text: Cushman, Volume I.
5. HISTORY OF PHILOSOPHY TO KANT *Three hours*
Continuation of Course 4. Text; Cushman, Volume II.
6. HISTORY OF PHILOSOPHY KANT AND AFTER *Three hours*
An intensive study of this period, its setting, the problems solved, and those raised. Especial attention to the movement of idealism and to philosophy in America. Lectures, discussions, readings, papers. Text: Falckenberg.
7. ETHICS *Three hours*
Lectures, discussions, and papers on the problems and method in ethics with emphasis on the relation to religion and metaphysics. Papers. Text: Seth.
8. METAPHYSICS *Three hours*
Lectures, discussions, and papers. Text: Bradley's Appearance and Reality.

Courses 6, 7, and 8 may be altered during 1924-'25 to suit the need of students.

PHYSICS

PROFESSOR OLTHOFF

1. GENERAL PHYSICS *Four hours*
Mechanics, molecular physics, heat. Prerequisites: High School physics and a course in plane trigonometry. Three class periods and one laboratory period. Laboratory fee, \$2.00.
2. GENERAL PHYSICS *Four hours*
Electricity, sound, and light. Three class periods and one laboratory period per week. Laboratory fee, \$2.00.

5. PROBLEM COURSE *One hour*
A course required of engineering students. It should accompany Course 1.
6. PROBLEM COURSE *One hour*
Continuation of Course 5. This course should accompany Course 2.

POLITICAL SCIENCE

PROFESSOR HOEKSTRA

1. INTRODUCTION TO POLITICAL SCIENCE *Three hours*
The origin, nature, and essential elements of the state. State forms and forms of government. Sovereignty and the relation of states to one another. Lectures and collateral reading. 1924-'25.
2. INTRODUCTION TO POLITICAL SCIENCE *Three hours*
Continuation of Course 1, which is prerequisite.
3. AMERICAN CONSTITUTIONAL LAW *Three hours*
The constitutional framework and the practical operation of the federal and state constitutions. The relation of government to the business and social interests of the people. Interpretation of the constitution by the various departments of the government. 1923-'24.
4. AMERICAN CONSTITUTIONAL LAW *Three hours*
Continuation of Course 3, which is prerequisite. Courses 1 to 4 are open to Juniors and Seniors.

PUBLIC SPEAKING

MR. SWETS

1. THE SPEECH *One hour*
Reading and writing of speeches to develop a direct, forceful, conversational style. Memorization of selections. Delivery of short speeches and orations before the class.
2. THE SPEECH *One hour*
Continuation of Course 1.

3. THE ORATION *One hour*
The writing and delivery of orations and the study of their qualities.
4. THE ORATION *One hour*
Continuation of Course 3.
5. INTERPRETIVE READING *One hour*
The principles of interpretation and expression. Selections from Moulton's Modern Readers' Bible. Reading of the speeches of great orators and the interpretation of representative selections before the class.
6. INTERPRETIVE READING *One hour*
Continuation of Course 5.
7. EXPRESSION *One hour*
Study of the principles of vocal expression and interpretation. The analytical study of vowel and consonant sounds. Story telling. Reading and oral interpretation of standard selections before the class. Required of students taking the Normal Course.
8. EXPRESSION *One hour*
Continuation of Course 7.

NORMAL DEPARTMENT

FRESHMAN

First Semester	Second Semester
English	Teachers' Eng. Grammar..
3	3
Introd. Psychology	Genetic Psychology, or
3	Educ. Psychology
Principles of Education....	3
3	Religion
Religion	3
3	Music
Music	1
1	Physiology and Hygiene....
Phys. Education	4
2	Elective, such as History,
Elective, such as History,	Mathematics or Science
Mathematics or Science	3
3	<hr/>
<hr/>	17
18	

SOPHOMORE

History of Education.....	3	Methods of Teaching.....	5
Methods of Teaching.....	5	Practice Teaching	4
Practice Teaching	4	School Art.....	2
School Art.....	2	Fundamentals	3
Fundamentals	3	Elective, such as History,	
		Mathematics or Science	3
Expression	1	Expression	1
		<hr/>	
<hr/>	18		18

The completion of this course will entitle the graduate to a three-year State Certificate, and, after three years of satisfactory teaching, to a Life Certificate.

DESCRIPTION OF COURSES

- ENGLISH—Course 1 *Three hours*
 Review of the essentials of rhetoric; lectures on the preparation of long themes, term papers, and monographs; the writing of one long theme; weekly exercises in exposition and description. Professor Van den Bosch.
- ENGLISH GRAMMAR *Two hours*
 Content and method.
- INTRODUCTORY PSYCHOLOGY—Course 1 *Three hours*
 A first course with some reference to the implications of psychology for pedagogy. Professor J. Broene.
- GENETIC PSYCHOLOGY—Course 2 *Three hours*
 Course 1 or its equivalent is a prerequisite. Professor J. Broene.
- PRINCIPLES OF EDUCATION—Course 3 *Three hours*
 A study of the aim of education and of the various underlying problems. Professor J. Broene.
- HISTORY OF EDUCATION *Three hours*
 A survey course. Professor J. Broene.
- EXPRESSION—Courses 7 and 8 *Two hours*
 Study of the principles of vocal expression and interpretation. The analytic study of vowel and consonant sounds. Story telling. Reading and oral interpretation of standard selections before the class. One hour each semester. Mr. Swets.
- MUSIC—Course 1 *One hour*
 The elements of music. Drill in notation, time and rhythmic values, scales and signatures. Mr. Swets.
- MUSIC—Course 2 *One hour*
 Continuation of Course 1, including an introduction to school music. Mr. Swets.
- HUMAN PHYSIOLOGY—Course 2 *Two hours*
 A study of some vital phenomena occurring in man. Course 1 is a desirable antecedent. Professor Van Haitsma.
- PERSONAL HYGIENE—Course 4 *Two hours*
 The care of the human body. This must be preceded or accompanied by Course 2. Professor Van Haitsma.

- FUNDAMENTALS—Course 11 *Three hours*
 A study of the books of the Bible. Emphasis is placed upon the organic character of the Scriptures and upon the contents, historical setting, literary form, and permanent principles of each book. Text: Henry T. Sell, Bible Study By Books. Supplementary lectures. Rev. Van Halsema.

- FUNDAMENTALS—Course 12 *Three hours*
 Continuation of Course 11. Rev. Van Halsema.

- RELIGION *Six hours*
 The whole field of Reformed doctrine is covered. Both semesters.

- ELECTIVES *Nine hours*
 For electives allowed see the respective descriptions of courses in the College Department.

COURSES TAUGHT BY MR. VAN ZYL

1. METHODS OF TEACHING—GENERAL *Five hours*
 Five units of work will be presented; viz., characteristics of methods, aims and objectives of education in elementary school, individual differences, curriculum adjustments to meet these differences, and controlling principles of the Public School and the Christian School in the United States. Required text: Parker's General Methods and Principles of Teaching.
2. METHODS OF TEACHING—SPECIFIC *Five hours*
 The main emphasis will fall on the teaching of reading, Bible history, United States history, geography, composition, and arithmetic. Required texts: Parker's Types of Teaching and Learning in Elementary School, and Freeman's Psychology of Elementary School Subjects.
- 3 and 4. GENERAL TECHNIQUE *Two hours*
 One hour throughout the school year; it can be taken either or both semesters. Lectures will be given on the distinctive features of the elementary school, control technique, mastery notion, language arts types of teaching, pure practice type, science type, number work, and language usages.

No text required. The students give written reports from time to time.

5. PENMANSHIP *One hour*

Both blackboard writing and penmanship, and theory as well as practice are given during one hour per week in the first semester only. The Freeman system is used.

6. DRAWING *One hour*

One hour per week during second semester only. As in penmanship both seatwork and blackboard drawing are practiced in connection with Lederer and Smith's Course in Drawing. The theory is treated in the required text: Sargent and Miller's book on Drawing in the Elementary School.

7. OBSERVATION WORK *Three hours*

This is carried on for three hours per week during the first semester. Definite instructions are given as to the type of observation to be made. The fourth hour is devoted to a consultation with the instructor regarding the work to be done.

8. PRACTICE TEACHING. See the following regulations:

a) Practice teaching done in the past in connection with courses of education in Calvin in the Preparatory Department can not be accepted for exemption.

b) Three hours per week are required for practice teaching in the Practice School, plus one hour per week for consultation with the normal instructor at Calvin. The students discuss with him any phase of the work.

About twenty lessons or more should be taught by the student-teacher himself.

A grade C or better is needed in this work for graduation. The final standing is to be determined by the instructor at Calvin College after conference with the principal of the Practice School.

c) The supervision of practice teaching, insofar as the Practice School is concerned, is in the hands of the principal there. This supervision includes:

1) Supervision of the amount of time the student-teacher spends in the Practice School.

2) Supervision of the quality of work done.

d) In order to make the Practice Teaching a joint affair of the Practice School staff and the student-teachers, each member of the staff and each student-teacher will be sup-

plied with a manual such as "The Observation Record Book in the Study of Teaching", by Landsittel. Copies will be furnished by Calvin College in which property rights are to remain.

A united effort in the study of teaching with one basic text as a standardizing agency can not but benefit all. A serious study of so rich a text with direct, clear, and most suggestive material is deemed necessary.

e) The normal instructor in the consultation with his students will, of course, act as departmental advisor.

f) Students who can furnish satisfactory evidence that they have had successful experience as teachers may be permitted to substitute courses in the Department of Education.

Students may be tested for exemption by assignment to three weeks of non-credit teaching.

g) No partial exemption is allowed. Take all of the (72) hours of Practice Teaching or none, and substitute other courses for it in the latter case.

DEPARTMENT OF MUSIC

TEACHING STAFF

SEYMOUR SWETS, A. M. *Vocal Music*
BARBARA HEERES *Violin*
HERMAN OOSTERHUIS *Piano*

VOCAL MUSIC

MR. SWETS

1. RUDIMENTS *One hour*

The elements of music. Drill in notation, time and rhythmic values, scales and signatures.

2. RUDIMENTS *One hour*

Continuation of Course 1, including an introduction to school music. Courses 1 and 2 are designed for Normal students.

3. HARMONY *Two hours*

Ear-training and sight-singing. A threefold approach to the elements of harmony through the ear, eye, and hand or keyboard. Written work and class exercises.

Prerequisite: Courses 1 and 2.

4. HARMONY *Two hours*
Continuation of Course 3.
5. HISTORY OF MUSIC *Three hours*
The development of the art of music from the earliest times to the present. Oratorio and church music, the opera, songs, and instrumental music. Biographies of composers. Representative compositions of each main period presented in class. Lectures, collateral readings, term papers, and textbook work.
6. HISTORY OF MUSIC *Three hours*
Continuation of Course 5.
7. SINGING *One hour*
Individual lessons for the development of the voice and the memorizing of a repertoire of sacred and secular art songs and arias from the great oratorios and operas. Semester fee: \$10.00.
8. SINGING *One hour*
Continuation of Course 7. Semester fee: \$10.00.
- 9 and 10. CHORUS
The study of representative works of the great masters of choral writing with a view to public performance. Open to all students. Compulsory for Normal students.

VIOLIN

MISS BARBARA HEERES

Individual lessons. Studies such as Dancla, Wohlfart, De Beriot, and others more advanced. The individual needs of the student are considered in the use of teaching material and methods of instruction. Opportunity for ensemble playing for those sufficiently advanced. Fee to be arranged. One lesson each week.

PIANO

MR. OOSTERHUIS

Hand culture, finger exercises, fundamentals of technic, technical exercises, scales, arpeggios, broken chords, scales in thirds and sixths, preparatory octave work.

Studies and pieces by Czerny, Heller, Bertini, Bach, Mendelssohn, Haydn, Mozart, Beethoven, McDowell, and others.

Fee to be arranged. One lesson each week.

THE PREPARATORY SCHOOL

CURRICULUM

Owing to the gradual abolition of this department, only the following courses are being taught this year:

THIRD YEAR

English	5 hours	Latin	5 hours
Physiology	2 hours	Physiology	2 hours
Zoology	3 hours	Zoology	3 hours
Modern History.....	5 hours	Modern History.....	5 hours
Dutch	5 hours	Dutch	5 hours
Bible	1 hour	Bible	1 hour

FOURTH YEAR

Latin	5 hours	English	5 hours
Dutch	5 hours	Dutch	5 hours
American History ...	3 hours	American History ...	3 hours
Civics	2 hours	Civics	2 hours
Physics	5 hours	Physics	5 hours
Bible	1 hour	Bible	1 hour

During 1924-'25 only the courses comprised in the last year will be given.

DESCRIPTION OF COURSES

The figure at the right of the name of the course indicates the year of the curriculum.

BIBLE STUDY

PROFESSOR HEYNS

Bible Study 3. Remainder of New Testament History. Texts: McLearn, Heyns. Once a week.

Bible Study 4. Reformed Doctrine. Introduction: the doctrine of God; the doctrine of Man; the doctrine of the Mediator. Text: Heyns. Once a week.

DUTCH

PROFESSOR VAN ANDEL

Dutch 3A. Elementary Grammar. Conjugations and declensions. Outside reading. Five times a week. First semester.

Dutch 3B. Advanced Grammar. Syntax. Outside reading. Five times a week. Second semester.

Dutch 4A. Review of Grammar. Weekly compositions. Discussion of the most important Romantic authors, especially of Bilderdijk and Da Costa. Five times a week. First semester.

Dutch 4B. Advanced composition. Discussion of the most important Realistic authors. Five times a week. Second semester.

ENGLISH

PROFESSOR VANDEN BOSCH

English 3. Painter's Elementary Guide to Literary Criticism. Literature: Milton's Minor Poems and Macaulay's Essay on Milton or equivalent. Five times a week. First semester.

English 4. History of English Literature. Special study of Shakespeare's As You Like It and Hamlet, and a more rapid survey of as many masterpieces as can be taken up. Five times a week. Second semester.

HISTORY

PROFESSOR HOEKSTRA

General History 3. A survey of Mediæval and Modern European History from 800 A. D. to the present. Text: West's Modern World. Five times a week.

American History 4. The study of American History has for its object to familiarize the student with the important facts and events of the history of our country, and to equip him with a clear outline of American History as a foundation for more advanced work or more intelligent reading. Text: Fite, History of the United States. Three times a week.

Civics 4. A study is made of municipal, state, and national government. Text: James and Sanford, Our Government. Twice a week.

LATIN

PROFESSOR ROOKS

Latin 3. Three orations against Catiline. Special attention given to the syntax of nouns, pronouns, and adjectives. Prose composition. Five times a week. Second semester. Texts: Kelsey's Cicero; Bennett's Latin Grammar.

Latin 4. The four orations against Catiline; De Imperio Pompeii; selected letters. Drill in the forms and syntax of the verb continued. Special attention given to the syntax of nouns, pronouns, and adjectives. Prose composition. Five times a week. Text: Kelsey's Cicero; Bennett's Latin Grammar.

ORGANIC SCIENCE

PROFESSOR VAN HAITSMAN

Zoology 3. An introduction to Zoology from the general cultural point of view. Two recitations and one laboratory period a week during the first semester, three recitations during the second. Laboratory fee, \$2.00.

Physiology 3. The subject deals with the anatomy, physiology, and hygiene of the human body. Throughout the course the student's attention is called to the Christian principles underlying the study of the subject. The course is designed especially for prospective teachers. Text: Eddy's Textbook in General Physiology and Anatomy. Twice a week.

PHYSICS

PROFESSOR OLTHOFF

Physics 4. This course deals with the fundamental principles of Mechanics, Heat, Electricity, Sound, and Light. Texts: Millikan and Gale's Practical Physics; Millikan-Gale-Bishop's Laboratory Physics. Four recitations and one laboratory period a week. Laboratory fee, \$2.00.

PHYSICAL TRAINING

The University of Michigan requires gymnasium work twice a week of first year students and recommends that the students of the other years take such work. Students of our school who take work in the College Department and who look forward towards taking advanced work at the University of Michigan can satisfy the requirements of physical training of Freshmen students at the U. of M. by taking the elementary course given at our city Y. M. C. A.

The following courses in Physical Training are offered at our Y. M. C. A., which our students may take:

First year work. (Elementary.) Light calisthenics, marching, heavy calisthenics, group games and contests, apparatus work. Other exercises for the improvement, posture, breathing, and muscular co-ordination. Two hours credit.

Second year work. (Advanced.) Advanced calisthenics, dumbbells, wands, marching, heavy apparatus, group games, and contests of a developed mental type. Two hours credit.

The Theological School

FACULTY

The REV. FOPPE M. TEN HOOR
918 Union Avenue, SE.
Professor of Systematic Theology

The REV. WILLIAM HEYNS, Registrar
1319 Sigsbee Street, SE.
Professor of Practical Theology

The REV. LOUIS BERKHOF, B. D., Secretary
834 Worden Street, SE.
Professor of Exegetical Theology; New Testament

The REV. SAMUEL VOLBEDA, Theol. D., Rector
811 Geneva Avenue, SE.
Professor of Historical Theology

PROFESSOR RALPH STOB.....*Librarian*

GENERAL REMARKS

The Seminary.—The Seminary is maintained and supervised by the Christian Reformed Church, its aim being both to make a scientific study of theology and to prepare young men for the ministry. All instruction given by the theological professors must be in harmony with the standards of the Church,—the Reformed confessional writings.

Opening.—The school-year of 1924-'25 begins the first week in September. On Wednesday, September 3, 1924, all new students must present themselves for matriculation. The formal opening of the Seminary occurs in the afternoon of Thursday, September 4.

Admission.—Every person who wishes to matriculate as a student of the Seminary must present the following to the Faculty at its meeting held on the day previous to the opening of the School:

- (1) A written testimonial from his consistory, showing that he is a church member in full communion and in good standing;
- (2) A testimonial from the Board of Trustees to the effect that he has successfully passed the examination of the Board as to his spiritual fitness for the ministry; and
- (3) A diploma or a statement of credits, showing that he is a graduate of the Pre-Seminary Course of the Theological School and Calvin College, or has completed a similar course of study elsewhere.
- (4) In addition to this, students from other schools must furnish proof that they have two units of German to their credit.

Registration.—All students of the Seminary are required to register at the office of the Institution on the opening day of the School and again at the beginning of the second semester, on the first day after the last examination. Tuition must be paid on the day of registration. Deferred payment can be granted by the Rector only on that day for a period not exceeding one month. Students who fail to pay on the day of registration or on the date stipulated for them, will have to pay a fee of one dollar. The penalty of coming late, except in cases of sickness, is the deduction of two per cent from the final average standing in any given subject for every recitation or lecture from which delinquent is absent.

Tuition.—No matriculation fees are charged. The tuition is fifty dollars a year, to be paid in two instalments. It must be paid to the treasurer on the day of registration in September and January. For those living West of the Mississippi or East of the Ohio, tuition is only twenty-five dollars per year. Students from Montana, Wyoming, Colorado, New Mexico, and from points West of these states, have free tuition.

Examinations.—Written examinations are held at the close of both the first and the second semester. By a ruling of the Synod of 1920 the Theological Faculty henceforth decides on the promotion and graduation of Seminary students.

Graduation.—Upon completing the prescribed course of study of three years, graduates are awarded a diploma. The graduation fee is ten dollars and must be paid before the final examinations are taken.

"Krans".—This is a gathering of the students in Theology, occurring twice a week, at which the professors of the Seminary preside in rotation. The exercises consist of the delivery and criticism of sermons, and have for their purpose the supplementing of the courses in Practical Theology.

Preaching of Students.—No student of the College or of the first year in Theology is permitted to preach. This privilege is granted under certain restrictions only to members of the second and third class in Theology. Students of the first class who desire this privilege must, at the end of the year, appear before the Board of Trustees to be examined for licensure. If they are not present for the examination, they shall not be permitted to preach in our churches until the following spring, after they have been examined by "Curatorium Contractum".

"Corps".—The students of the Seminary maintain an organization called "Corps", its aim being to promote propriety of conduct and manners, to cultivate Christian character, and to foster scientific and literary effort.

Information.—For further information apply to the Rector, Dr. S. Volbeda, 811 Geneva Ave., SE., Grand Rapids, Mich.

COURSES OF STUDY

EXEGETICAL THEOLOGY

OLD TESTAMENT

PROFESSORS HEYNS, BERKHOF, VOLBEDA, AND
DR. Y. P. DE JONG

Hebrew.—The study of the Hebrew language is begun in the last year of the college course and continued through the second year in the Seminary. The first year's work in the subject is that covered by Harper's Method and Manual and Elements of Hebrew. In the Seminary Davidson's Hebrew Grammar is taken up together with the reading of portions of the historical or prophetic books for the purpose of acquiring a more extended Hebrew vocabulary and familiarity with principles of Hebrew Syntax. Professors Volbeda and Berkhof.

Isagogics.—Introduction to the canonical Scriptures of the Old Testament. A two-hour semester course, being a study of the contents, of the question of authorship, composition, etc., of the several Old Testament books, together with a sketch of the history of Biblical criticism. Professor Berkhof.

Sacred History.—The course presupposes familiarity with the main facts of the Old Testament record, and deals largely with the more important problems of the subject. Professor Heyns.

Exegesis.—Interpretation of a portion of the prophetic writings or of some of the psalms. Throughout the course emphasis is laid on the application of strictly scientific methods in exegetical study. Dr. Y. P. De Jong.

NEW TESTAMENT

PROFESSORS BERKHOF AND STOB

Isagogics.—Introduction to the canonical Scriptures of the New Testament. The several books of the New Testament are studied as to their contents, authorship, composition, history, inspiration, and significance in the canon. This is complemented by the detailed study of some New Testament problems.

Hermeneutics.—The aim of this course is to give a general survey of the history of interpretation, and to discuss the principles, methods, and rules that are to be applied in the interpretation of the Bible.

Exegesis.—Introduction to, and interpretation of, some part of the New Testament. This course aims at developing the proper exegetical praxis.

Sacred History.—A general survey is made of the historical facts that are recorded in the New Testament, and their import in the history of revelation is carefully noted. The work is based on the sources.

New Testament Greek.—Philological interpretation of portions of the Gospels or of the Pauline Epistles. Professor Stob.

HISTORICAL THEOLOGY

PROFESSOR VOLBEDA

General Church History.—Classes I-III study Mediæval Church History this year. The study of Modern Church history will be taken up in 1923-'24. This course seeks to present the history of the Christian Church as the background against which the present life of the Church of God, as expressing itself in its condition, thought, and activities, must be projected in order to be properly understood and correctly appreciated. Lectures and a prescribed text.

American Church History.—This course is taken by Class II. Its object is to familiarize the student with the experiences through which the church of Christ in America has passed, with a view to the attitude he should assume toward the various churches with which God brings the church of his choice and love into continual contact. Text: L. W. Bacon, A History of American Christianity; and Lectures.

History of the Christian Reformed Church.—This course is taken by Class III and is based upon the assumption that an adequate knowledge of the history of the church in which the prospective minister of the Gospel expects to serve God is imperative, if he is to discharge the duties of the desired office conscientiously, efficiently, and acceptably. Text: Henry Beets, De Christelijke Gereformeerde Kerk in N. A.; and Lectures.

Missionary Science.—This course comprises three distinct divisions, viz., Doctrine of Missions, History of Missions, and Theory of Missionary Practice. In the absence, quite generally, of regard for the Doctrine of Missions, and with a view to the preponderance of interest in the historical and practical aspects of missions, the dogma of doctrine of missions is made at least proportionately prominent. Sound missionary practice requires sound missionary doctrine. The latter, based upon God's Word, is the criterion of missionary history and the norm of missionary practice. Will be given in 1924-'25, second semester, Class III.

SYSTEMATIC THEOLOGY

PROFESSOR TEN HOOR

Theological Encyclopedia.—The concept, object, principles, and contents of Theology as one organic whole. The differentiation and organic unity of the divisions and subdivisions.

The History of Doctrine.—Development of the several doctrines in the course of centuries.

Introduction to Dogmatics.—Exposition of the principles of Theology and Religion in general, and of Dogmatics in particular. Comparison and criticism of the different tendencies in Theology, with the Bible, which is recognized as the only source of Dogmatics, as criterion.

Dogmatics.—The aim of this study is to show how the general dogmas have been derived from the Holy Scriptures, how they have been one-sidedly distorted to the right or to the left, what their Scriptural meaning is, how they are related and together form one whole, and finally, how our practice should be determined by these truths.

Ethics.—While in Dogmatics a study is made of what we should believe, in Ethics the aim is to determine how we should be and conduct ourselves. The distinction is made clear between philosophical and theological Ethics. The contents of the latter are derived from Holy Scripture alone.

PRACTICAL THEOLOGY

PROFESSOR HEYNS

Homiletics.—The principles to be observed in order that preaching may truly be ministration of the Word; the demands of Rhetoric in the composition and delivery of a sermon; the history of preaching; exercises in analyzing texts and in making and criticizing sermon outlines.

Catechetics.—History, character, subject-matter, and methods of catechetical instruction. 1923-'24.

Liturgics.—Historical study of the forms of Christian worship in different periods; public worship and principles according to which it should be conducted. 1923-'24.

Poimenics.—Study of the pastoral work required by the Holy Scriptures of the minister of the Word, his conduct in house-visitation, in visitation of the sick, and in special cases. 1923-'24.

Church Polity and Church Government.—Study of the essential features, Biblical basis, and historical development of the Presbyterian Synodical system of Church Polity; treatment of our Church Order and its amendments, with suggestions relative to their application in practice. 1924-'25.

THE WORK OF THE CLASSES

Department	Subjects	Hours of 1st Class	Hours of 2nd Class	Hours of 3rd Class
Exegetical Theology	Isagogics	2	2	2
	Hebrew Language	1	1	
	New Testament Greek	1	1	
	Hermeneutics	1		
	Exegesis	2	2	2
	Sacred History	2	2	2
Historical Theology	Church History	2	4	3
	Missions	1	1	
Systematic Theology	Theological Encyclopaedia	2		
	The History of Doctrines		1	
	Dogmatics	3	3	3
	Ethics			2
Practical Theology	Homiletics (Theory and Practice)	2	2	1
	Catechetics		1	1
	Liturgics		1	
	Poimenics		1	1
	Church Polity and Church Government		2	1

DEGREES CONFERRED IN 1923

BACHELOR OF ARTS

Ary J. Abrahams
 Stuart Bergsma
 John Peter Brouwer
 Elizabeth Andre Gezon
 John Hofstra
 Albert Jabaay
 William Henry Rutgers
 Cornelius Smith
 Henry A. Swets
 Daniel J. Van Houte
 Anna De Mol-Van Lunen
 Harry Vork
 Dewey Westra
 Henry Richard Wezeman

MICHIGAN STATE TEACHERS' CERTIFICATES

John Peter Brouwer
 Elizabeth Andre Gezon
 John Hofstra
 Henry A. Swets
 Anna De Mol-Van Lunen
 Harry Vork
 Henry Richard Wezeman

REGISTER OF STUDENTS

THE SEMINARY

THIRD YEAR

Name	College Address	Residence
Peter G. Berkhout.....	1226 Leonard St., NW.....	Grand Rapids
David D. Bonnema.....	718 Dykema Ct., SE.....	Hawarden, Ia.
Ralph Bronkema.....	1027 Widdicomb Ave.....	Grand Rapids
Benjamin J. Danhof.....	822 Madison Ave., SE.....	Grand Rapids
Aldrich Dusseljee.....	1111 Fulton St., East.....	Grand Rapids
John M. Dykstra.....	1162 Cromwell Ave., SE.....	Chicago, Ill.
John Gritter.....	860 Worden St., SE.....	Grand Rapids
Oren Holtrop.....	538 Eastern Ave., SE.....	Ferrysburg
Richard J. Karsen.....	819 Logan St., SE.....	Chicago, Ill.
William Kok.....	1106 Eastern Ave., SE.....	Grand Rapids
Martin Monsma.....	745 Delaware St., SE.....	Grand Rapids

SECOND YEAR

William Alkema.....	1242 Leonard St., NW.....	Grand Rapids
John Beebe.....	855 Watkins St., SE.....	W. Sayville, N.Y.
Ralph J. Bos.....	1119 Marshall St., SE.....	Grand Rapids
Fred Bronkema.....	1118 Turner Ave., NW.....	Grand Rapids
Ralph J. Danhof.....	1001 Prince St., SE.....	Grand Rapids
John W. C. Ehlers.....	622 Vries St., SW.....	Kalamazoo
John Holwerda.....	1318 Hurd St., SE.....	Paterson, N. J.
Jacob R. Kamps.....	438 Eastern Ave., SE.....	Zeeland
Anthony A. Koning.....	1058 Franklin St., SE.....	Kalamazoo
James Putt.....	1146 Widdicomb Ave.....	Grand Rapids
John R. Rozendal.....	863 Franklin St., SE.....	Chicago, Ill.
John Rubingh.....	1106 Dunham St., SE.....	Ellsworth
Albert H. Selles.....	819 Logan St., SE.....	Grand Rapids
Sebastian Struyk.....	936 Oakhill St., SE.....	Grand Rapids
Kasjen Tebben.....	1017 Niagara Ave., SE.....	Grand Rapids
Henry J. Triesenberg.....	1057 Thomas St., SE.....	Kalamazoo
Martin Van Dyk.....	1213 Butler Ave., SE.....	Ogilvie, Minn.
John J. Van Heest.....	859 Oakhill St., SE.....	Grand Rapids
Bernardus Van Someren.....	905 Dunham St., SE.....	Baldwin, Wis.

FIRST YEAR

Nicholas De Vries.....	945 Virginia St., SE.....	Paterson, N. J.
Albert Jabaay.....	819 Logan St., SE.....	Hammond, Ind.
John Kruthof.....	526 "B" St., SW.....	Grand Rapids
William Rutgers.....	1142 Bemis St., SE.....	Lynden, Wash.
Peter Steen.....	725 Alto Ave., SE.....	Paterson, N. J.
Henry Vande Kieft.....	347 Donald Place, SE.....	Pella, Iowa
Daniel Van Houte.....	946 Baxter St., SE.....	Grand Rapids
Herman Wierenga.....	914 Tamarack Ave., NW.....	Grand Rapids

THE COLLEGE

SENIORS

Name	College Address	Residence
John Ralph Bos.....	621 Delaware St., SE.....	Grand Rapids
Nellie Jeanette Bosma.....	831 Bates St., SE.....	Grand Rapids
Cecil De Boer.....	820 Henry Ave., SE.....	Grand Rapids
John Henry De Haan.....	1025 Bates St., SE.....	Pella, Iowa
J. Henry Geurkink.....	1045 Thomas St., SE.....	Pease, Minn.
Herman Guikema.....	863 Franklin St., SE.....	Harrison S. D.
John Samuel Haitema.....	853 Thomas St., SE.....	Grand Rapids
William Hendriksen.....	636 Bates St., SE.....	Kalamazoo
Peter Hoekstra.....	650 Pleasant St., SE.....	Grand Rapids
Arthur Kuizema.....	960 Temple St., SE.....	Grand Rapids
Albert Leeuwen.....	656 Thomas St.....	East Palmyra, N. Y.
John Edward Meeter.....	1162 Alexander St., SE.....	Hammond, Ind.
John Orlebeke.....	728 Delaware St., SE.....	Grand Rapids
Andrew George Sall.....	356 Calkins Ave., SE.....	Grand Rapids
John L. Schaver.....	959 Thomas St., SE.....	Grand Rapids
Albert Kunnen Stevens.....	1058 Franklin St., SE.....	Fremont
Ned Bernard Stonehouse.....	1151 Wealthy St., SE.....	Grand Rapids
John Swets.....	1334 Alexander St., SE.....	Grand Rapids
Johanna Timmer.....	1325 Thomas St., SE.....	Holland
Joseph Vande Kieft.....	904 Kalamazoo Ave., SE.....	Tracy, Ia.
Carolyn Mae Vander Meer.....	R. R. 7.....	Grand Rapids
John Van Dyk.....	1213 Butler Ave., SE.....	Inwood, Iowa
John James Van Heest.....	859 Oakhill St., SE.....	Grand Rapids

JUNIORS

Andrew Banning.....	1058 Franklin St.....	Whitinsville, Mass.
Gerrit Beckering.....	735 Vander Veen Ct.....	Grand Rapids
Joe Betten.....	1058 Franklin St., SE.....	Fremont
Daniel Frederick Bosma.....	831 Bates St., SE.....	Grand Rapids
Louis Bouma.....	1031 Sherman St., SE.....	Hull, Ia.
Angelyn Helen Bouwsma.....	1026 Sigsbee St., SE.....	Muskegon
Ralph Jacob Brink.....	1122 Sigsbee St., SE.....	Grand Rapids
Harry Brinkman.....	1058 Franklin St., SE.....	Fremont
William Peter Brouwer.....	901 Dunham St., SE.....	Hull, Ia.
Richard Jacob De Mol.....	R. R. 10.....	Grand Rapids
Daniel De Vries.....	948 Logan St., SE.....	Grand Rapids
Benjamin Frank Euwema.....	1058 Franklin St., SE.....	Oak Park, Ill.
Jacob Hoogerhyde.....	868 Courtney St., NW.....	Grand Rapids
Jacob Kooyers.....	753 Eastern Ave., SE.....	Grand Rapids
Arthur Henry Kort.....	441 Henry Ave., SE.....	Oak Lawn, Ill.
Everett Kuizema.....	960 Temple St., SE.....	Grand Rapids
Paul Medema.....	717 Alexander St., SE.....	Muskegon
Edwin Y. Monsma.....	745 Delaware St., SE.....	Grand Rapids
Henry Ridders.....	1318 Wealthy St., SE.....	Hull, Ia.
John Ridders.....	1129 Wealthy St., SE.....	Hull, Ia.
John Steen.....	1129 Prince St., SE.....	Paterson, N. J.
Oscar Dean Stryker.....	941 Caulfield Ave., SW.....	Grand Rapids
Franklin Henry Top.....	909 Dunham St., SE.....	Grand Rapids
Minnie Elizabeth Uhlenhopp.....	860 Franklin St.....	Richland Center, Wis.
Cornel Van Beek.....	1337 Alexander St., SE.....	Zeeland
John D. Vander Ark.....	1213 Butler Ave., SE.....	Edgerton, Minn.
Arthur Van Soikema.....	547 Eastern Ave., SE.....	Byron Center
Peter Vos.....	636 Bates St., SE.....	Grand Rapids
Harry John Wassink.....	1009 Bates St., SE.....	Holland

SOPHOMORES

Name	College Address	Residence
Nettie Abrahams.....	619 Thomas St., SE.....	Grand Rapids
Ella Beckering.....	735 Vander Veen Ct.....	Grand Rapids
Grace F. Berens.....	855 Calvin Ave., SE.....	Hudsonville
Walter Bergers, Jr.....	1248 Davis Ave., SE.....	Grand Rapids
Abram Clasinus Boerkoel.....	229 Eastern Ave., SE.....	Grand Rapids
Jennie Boersma.....	854 Alexander St., SE.....	Grand Rapids
Helen Bouma.....	1309 Alexander St., SE.....	Central Lake
Harvey Raymond Brasser.....	1058 Franklin St., SE.....	Sheboygan, Wis.
Nicholas H. A. Bruinix.....	1011 Sherman St., SE.....	Newark, N. Y.
Edward John Buikema.....	R. R. 1.....	Grandville
John Henry De Groot.....	1058 Franklin St., SE.....	Passaic, N. J.
Cornelius De Ruisscher.....	631 Bates St., SE.....	Grand Rapids
Jacob John De Waard.....	422 Charles Ave.....	South Holland, Ill.
Bert Diephuis.....	229 Eastern Ave., SE.....	Waupun, Wis.
Clarence John Dykstra.....	704 Eastern Ave., SE.....	Grand Rapids
Emmons John Dykstra.....	851 Richmond St., SW.....	Grand Rapids
Menzo Dornbush.....	R. R. 2.....	Jenison
Henry Louis Drukker.....	1058 Franklin St., SE.....	Passaic, N. J.
Esther Gezon.....	139 Burton St., SE.....	Grand Rapids
John Hanenburg.....	656 Thomas St., SE.....	Edgerton, Minn.
Henry Stephen Herrema.....	939 Hall St., SE.....	Grand Rapids
Jacob Tunis Hoogstra.....	422 Charles Ave., SE.....	Paterson, N. J.
Xisra H. Jewett.....	921 Franklin St., SE.....	Grand Rapids
Maurice Peter Koets.....	1737 Madison Ave., SE.....	Grand Rapids
Henry Peter Kooistra.....	1031 Wealthy St., SE.....	Grand Rapids
Kathryn Michmershuizen.....	611 Bates St., SE.....	Grand Rapids
George Peter Miersma.....	706 Rosewood Ave., SE.....	Detroit
Gerald Monsma.....	745 Delaware St., SE.....	Grand Rapids
Peter Blevins Northouse.....	27 Grant St., SW.....	Jenison
Lois Carolyn Parks.....	36 Dwight Ave., SE.....	Grand Rapids
Adam Persenaire.....	634 Charles Ave., SE.....	Chicago
Anna Petter.....	855 Calvin Ave., SE.....	Central Lake
Arthur John Peters.....	808 Neland Ave., SE.....	Holland
Johannes Dirk Plekker.....	611 Watkins St., SE.....	Grand Rapids
John W. Postma.....	901 Dunham St., SE.....	Hull, Ia.
Edward Ronda.....	752 Giddings Ave., SE.....	Grand Haven
John Willis Scherpenisse.....	1009 Bates St., SE.....	Zeeland
Henrietta Schreur.....	824 Henry Ave., SE.....	Dorr
William Stuursma.....	647 Pleasant St., SE.....	Grand Rapids
Henrietta Jonker Tanis.....	656 Bates St., SE.....	Grand Rapids
Elizabeth Ten Hoor.....	918 Union Ave., SE.....	Grand Rapids
John Adrian Van Coevering.....	752 Giddings Ave., SE.....	Grand Haven
Arnold Vande Kieft.....	904 Kalamazoo Ave., SE.....	Pella, Ia.
Cornelis W. Vanden Bergh.....	847 Watkins St., SE.....	Rochester, N. Y.
Hila Theodora Vanden Bosch.....	857 Bates St., SE.....	Grand Rapids
Fannie Vander Mey.....	847 Sigsbee St., SE.....	Grand Rapids
Maynard Vander Wall.....	752 Vander Veen Ct., SE.....	Hudsonville
Jacob Van Tuinen.....	459 Fuller Ave., SE.....	Byron Center
Henry Van Wyhe.....	916 Dunham St., SE.....	Perkins, Ia.
Tony Vergeer.....	245 College Ave., SE.....	Grand Rapids
John Weidenaar.....	1101 Bemis St., SE.....	Chicago, Ill.
Anthony C. Westerhof.....	1009 Bates St., SE.....	Holland
Wilfred Westmaas.....	972 Pine Ave., NW.....	Grand Rapids
Charles Wielenga.....	843 Richmond St., SE.....	Grand Rapids
Cornelius Witt.....	Courtney St., NW.....	Denver, Colo.
Peter J. Zwier.....	Madison Ave., SE.....	Orange City, Iowa

FRESHMEN

Name	College Address	Residence
Kryn William Baarman.....	1317 Butler Ave., SE.....	Zeeland
✓Carlton Christian Bachman..	321 Union Ave., SE.....	Grand Rapids
✓Clarence Battjes.....	724 Thomas St., SE.....	Grand Rapids
✓William Berkhof.....	834 Worden St., SE.....	Grand Rapids
✓Jacob Boerman.....	1432 Dunham St., SE.....	Zeeland
✓Martin A. Bolt.....	1154 McKinley Ct.....	Raymond, Minn.
Gerard Borduin.....	752 Vander Veen Ct., SE.....	Reasnor, Ia.
Jacob William Bos.....	706 Franklin St., SE.....	Holland
✓Cornelius Bos.....	411 Charles Ave., SE.....	Grand Rapids
John Bosch.....	1144 McReynolds Ave., NW.....	Gr. Rapids
Georgia Anne Bouwman.....	314 College Ave., SE.....	Jenison
Hero D. Brat.....	1009 Bates St., SE.....	Charlevoix
✓Peter Djopaih Brink.....	1025 Bates St., SE.....	Toadlena, N. Mex.
Lucille Broersma.....	R. R. 10.....	Grand Rapids
Jacob Bruggema.....	635 Pleasant St., SE.....	Grand Rapids
Raymond Brummel.....		Kent City
Henry Albert Brunsting.....	905 Sheridan Ave., SW.....	Grand Rapids
✓Brant Bruxvoort.....	728 Baxter St., SE.....	Taintor, Ia.
Theresa A. De Graaf.....	776 Leonard St., NE.....	Grand Rapids
✓Gerrit De Vries.....	1128 Jennette Ave., NW.....	Holland
✓John De Vries.....	948 Logan St., SE.....	Grand Rapids
Milo George De Vries.....	1026 Sigsbee St., SE.....	Grand Rapids
Miner De Witt.....	1144 McReynolds Ave., NW.....	Gr. Rapids
✓Edward Morris De Young.....	1421 North Ave., NE.....	Grand Rapids
Arnold Harold Duiker.....	1220 Logan St., SE.....	Grand Rapids
Clarence Ekkens.....	29 Kirtland St., SW.....	Grand Rapids
Roy Folkerts.....	1144 McKinley Ct., SE.....	Rock Valley, Ia.
Johanna Gesink.....	544 Giddings Ave.....	Orange City, Ia.
✓Simon Grasman.....	410 Charles Ave., SE.....	Grand Rapids
Leonard Greenway.....	210 Dale St., NE.....	Grand Rapids
✓John Griffioen.....	749 Lynch St., SW.....	Grand Rapids
✓John Guichelaar.....	1058 Franklin St.....	Prairie View, Kan.
✓Willemina Guikema.....	1039 Kalamazoo Ave.....	Harrison, S. D.
John Hamstra.....	847 Watkins St., SE.....	Chicago, Ill.
✓Jacob Theodore Hanenburg..	656 Thomas St., SE.....	Edgerton, Minn.
Gertrude Haveman.....	1136 Bates St., SE.....	Grand Rapids
✓Jean Heetderks.....	1415 Pontiac Road.....	Holland
✓Anne B. Heyboer.....	144 Burton St., SE.....	Grand Rapids
Jeanette Heyns.....	1319 Sigsbee St., SE.....	Grand Rapids
John Peter Hinken.....	1122 Caulfield Ave., SW.....	Grand Rapids
✓Rens H. Hoeker.....	1110 Sigsbee St., SE.....	Fremont
Aben Hoekman.....	910 Oakhill St., SE.....	Grand Rapids
George Hofstra.....	634 Charles Ave., SE.....	Chicago, Ill.
Nicholas Herman Hoitsma.....	1019 Prince St., SE.....	Paterson, N. J.
✓Stephen Hollander.....	937 Leonard St., NW.....	Grand Rapids
✓Peter Holwerda.....	737 Delaware St., SE.....	Grand Rapids
Jennie Hoogeboom.....	840 Calvin Ave., SE.....	Sheldon, Ia.
✓Jeanette Huizenga.....	189 Wilson St., SE.....	Grandville
Richard Jansma.....	1023 Jennette Ave., NW.....	Grand Rapids
Garry Joldersma.....	819 Adams St., SE.....	Holland
Cecilia Ruth Jonkman.....	1017 Dunham St., SE.....	Grand Rapids
✓Cornelius H. Kickert.....	1058 Franklin St.....	South Holland, Ill.
✓Margaret May Klaasse.....	1743 Union Blvd., SE.....	Grand Rapids
✓Gertrude Knol.....	949 Kalamazoo Ave.....	Grand Rapids
Charles Koppers.....	1131 Sherman St., SE.....	Grand Rapids
Alice Koster.....	1143 Thomas St., SE.....	Merritt
✓Bert Kruithof.....	526 "B" St., SW.....	Grand Rapids

Name	College Address	Residence
Jacob Ledeboer.....	1144 McKinley Ct., SE.....	Pease, Minn.
✓Elizabeth London.....	1337 Grandville Ave., SW.....	Grand Rapids
Lucille Cornelia Meeter.....	940 Eastern Ave., SE.....	Lansing, Ill.
John William Monsma.....	1024 Baxter St., SE.....	Grand Rapids
Bertha Mouw.....	349 Carlton Ave., SE.....	Holland
Simon Olthoff.....	1018 Baxter St., SE.....	Grand Rapids
Fred Ophoff.....	1126 Logan St., SE.....	Grand Rapids
Esthermay Orth.....	846 Scribner Ave., NW.....	Grand Rapids
Theodore James Peters.....	808 Neland Ave., SE.....	Holland
William Thomas Radius.....	1122 Sigsbee St., SE.....	Chicago, Ill.
Arthur Raisch.....	549 Lydia St., NE.....	Grand Rapids
✓Richard Rienstra.....	1036 Hermitage St., SE.....	Paterson, N. J.
Wendell Hofma Rooks.....	243 Hollister Ave., SE.....	Grand Rapids
✓John Rooze.....	914 Temple St., SE.....	Paterson, N. J.
✓Irene Margaret Schuiling.....	1309 Prospect Ave., SE.....	Grand Rapids
✓Everett John Sjaardema.....	918 Kalamazoo Ave.....	Los Angeles, Cal.
✓Ring Star.....	1000 Baldwin St., SE.....	Corsica, S. D.
Henry Ethbert Ten Harkel..		Grandville
Angie Jennie Van Coevering	626 Watkins St., SE.....	Grand Haven
✓William Vande Kieft.....	646 Pleasant St., SE.....	Rock Valley, Ia.
✓Bert E. Vanden Brink.....	911 Thomas St., SE.....	Holland
✓Theodore Vander Ark.....	1213 Butler Ave., SE.....	Edgerton, Minn.
John Vander Heide.....	900 Baxter St., SE.....	Passaic, N. J.
✓William Vander Lugt.....	727 Baxter St., SE.....	Grand Rapids
✓Thomas Vander Mey.....	847 Sigsbee St., SE.....	Grand Rapids
Anna Vander Moere.....	955 Moris Ct., NE.....	Byron Center
✓John Vander Ploeg.....	1330 Grandville Ave.....	Grand Rapids
✓Jacob Henry Vander Veen.....	1055 Jennette Ave., NW.....	Grand Rapids
Della Vander Vennen.....	1030 Sigsbee St., SE.....	Grand Rapids
✓Casper Van Dyk.....	1036 Hermitage St., SE.....	Paterson, N. J.
Elko Van Dyke.....	962 Bates St., SE.....	Chicago, Ill.
Florence Van Dyk.....	1215 Thomas St., SE.....	Hudsonville
Albert Van Eerden.....	1145 McKinley Ct., SE.....	Grand Rapids
✓Jacob Van Vessem.....	1058 Franklin St., SE.....	Zeeland
✓Jacob Van Wyhe.....	916 Dunham St., SE.....	Perkins, Ia.
Marie Van Zee.....	840 Calvin Ave., SE.....	Corsica, S. D.
✓Cornelius J. Van Zytveld.....	R. R. 6.....	Grand Rapids
✓Conrad R. Veenstra.....	1034 Worden St., SE.....	Muskegon
✓Leonard Verduin.....	1144 McKinley Ct.....	Crookston, Neb.
✓Martin Wallace Waalkes.....	620 Liberty St., SW.....	Grand Rapids
Simon Lloyd Wolters.....	1113 Sigsbee St., SE.....	Zeeland
✓Thomas Yff.....	Byron Center, R. R. 3.....	Chicago, Ill.
✓Joe Zandstra.....	459 Fuller Ave., SE.....	Gary, Ind.
Jack Zylstra.....	962 Bates St., SE.....	Chicago, Ill.

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UNCLASSIFIED

Martha Annette Bos.....	860 Franklin St., SE.....	Holland
Dick Brink.....	1025 Bates St., SE.....	Lynden, Wash.
Willemina Brink.....	824 Henry Ave., SE.....	Rehoboth, N. Mex.
Margaret Anne Christmas...	500 Clancy St., NE.....	Grand Rapids
John W. E. Ehlers.....	622 Vries St., SE.....	Kalamazoo
Marinus Housekamp.....	905 Dunham St., SE.....	Wallington, N. J.
Vera Frances Ingerson.....	313 Orchard Hill, SE.....	Battle Creek
Henry John Van Laar.....	1162 Cromwell St., SE.....	Grand Rapids

PREPARATORY SCHOOL

FOURTH YEAR

Name	College Address	Residence
Nicholas Beute.....	Elmbrook	Ellsworth
Henry Martin Christians.....	71 Diamond Ave., NE.....	Grand Rapids
Arie Disselkoen.....	715 Dykema Ct., SE.....	Grand Rapids
John Thomas Holwerda.....	806 College Ave., SE.....	Grand Rapids
John James Kenbeek.....	641 Wealthy St., SE.....	Detroit
John Kingma.....	910 Hall St., SE.....	Grand Rapids
Dirk Mellema.....	855 Watkins St., SE.....	Marion, N. Y.
Sidney Peter Miersma.....	706 Rosewood Ave., SE.....	Grand Rapids
Peter Monsma.....	745 Delaware St., SE.....	Grand Rapids
Joe Schreur.....	824 Henry Ave., SE.....	Dorr
Evert Tanis.....	1058 Franklin St., SE.....	Fremont
Frank Vanden Bout.....	716 Bates St., SE.....	Rochester, N. Y.
Hiram Vander Klay.....	1221 Kalamazoo Ave.....	Grand Rapids
Dena Vander Mey.....	847 Sigsbee St., SE.....	Grand Rapids
Ira Vander Stou.....	935 Bemis St., SE.....	Grand Rapids
Agnes Van Laar.....	910 Sherman St., SE.....	Grand Rapids
Helen Van Laar.....	437 Charles Ave., SE.....	Rock Valley, Ia.
John Van Laar.....	437 Charles Ave., SE.....	Rock Valley, Ia.
Cornelius Volbeda.....	811 Geneva Ave., SE.....	Grand Rapids
Harry Wierenga, Jr.....	35 Lafayette Ave., NE.....	Grand Rapids

THIRD YEAR

Ralph Bolt.....	961 Fulton St., E.....	Grand Rapids
Theodore Borduin.....	752 Vander Veen Ct., SE.....	Reasnor, Ia.
John Lucas Bult.....	1021 Sherman St., SE.....	Rochester, N. Y.
David Corneil De Young.....	103 Dwight Ave., SE.....	Grand Rapids
Henry Hoekstra.....		Detroit
Albertha Kortman.....	1315 Wealthy St., SE.....	Lucas
William John Monsma.....	745 Delaware St., SE.....	Grand Rapids
Herman Nyhuis.....	1058 Franklin St., SE.....	Sheboygan, Wis.
Johannes Stuart.....	1037 Thomas St., SE.....	Grand Rapids
Dora Christine Vos.....	819 Adams St., SE.....	Sully, Ia.
Simon Vroon.....	843 Franklin St., SE.....	Grand Rapids

SUMMARY OF ENROLMENT

COLLEGE—

Seniors	22
Juniors	30
Sophomores	56
Freshmen	101
Unclassified	8

217

PREPARATORY SCHOOL—

Fourth Year.....	20
Third Year.....	11

31

SEMINARY—

Third Year.....	11
Second Year.....	19
First Year.....	8

38

286