

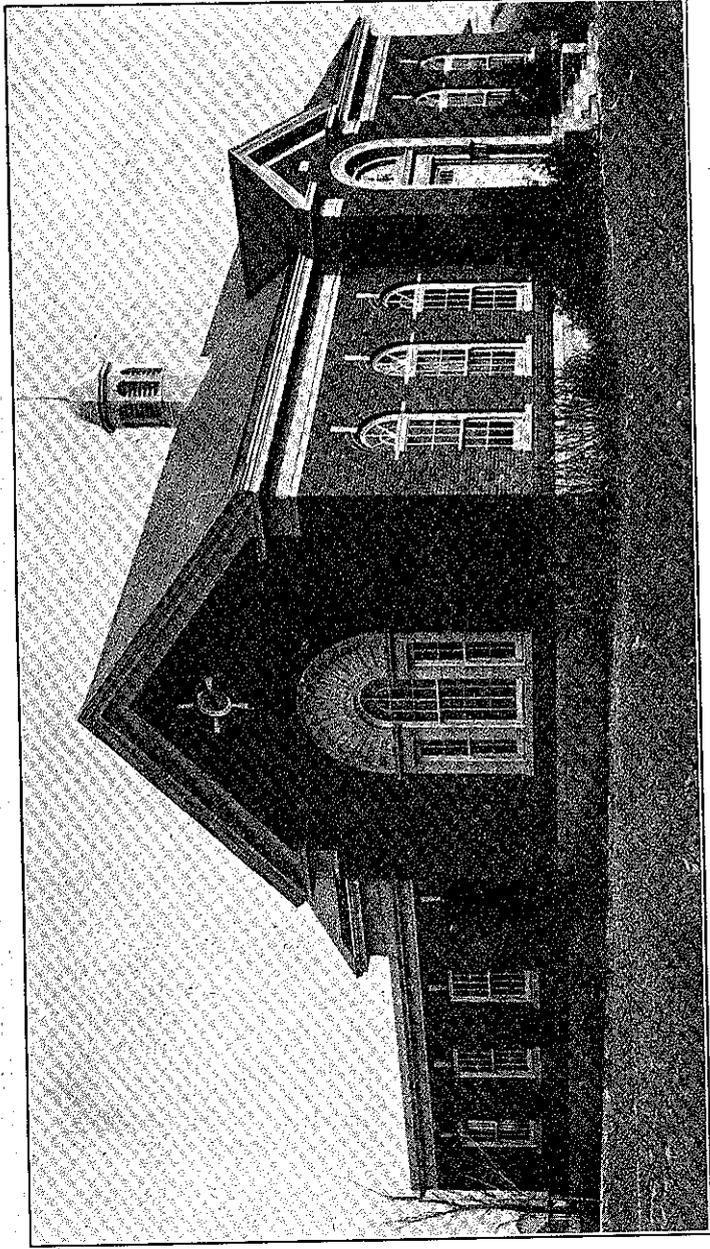
YEAR BOOK

THEOLOGICAL SCHOOL
and CALVIN COLLEGE

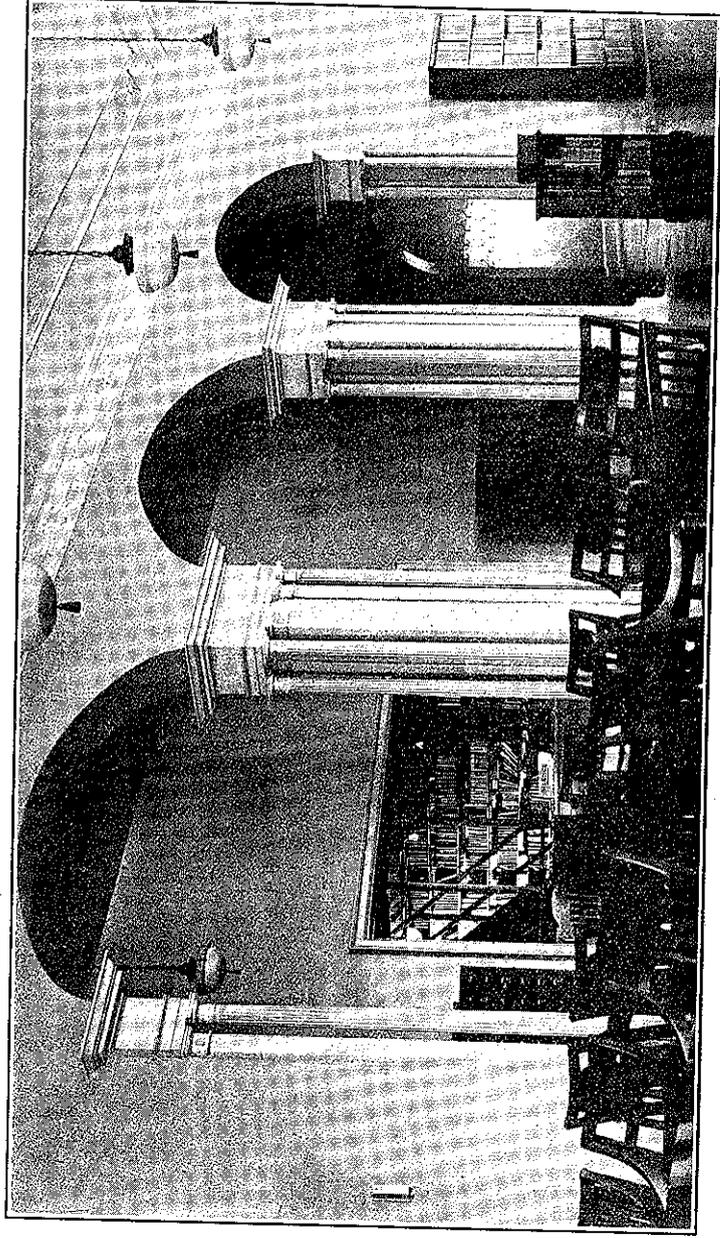
GRAND RAPIDS, MICH.

1927-1928

An Institution of the Christian Reformed Church



Hekman Memorial Library



Interior View of Hekman Memorial Library

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CALENDAR

1928

Christmas Vacation ends.....	January 3
Final Examinations.....	January 16 to 20
First Semester closes.....	January 20
Registration for Second Semester.....	January 19 and 20
Second Semester begins.....	January 24
Washington's Birthday.....	February 22
Day of Prayer.....	March 14
Spring Vacation.....	March 24 to April 2
Re-examinations.....	April 3 and 4
Final Examinations.....	May 26 to June 4
Commencement.....	June 5

SUMMER VACATION

Entrance Examinations.....	9 A. M., September 5
Enrolment of New Students.....	9 A. M., September 5
Registration for First Semester.....	9 A. M., September 5 and 6
Re-examinations.....	September 7 and 8
Thanksgiving Recess.....	November 29 and 30
Christmas Vacation begins.....	December 14

1929

Christmas Vacation ends.....	January 2
Final Examinations.....	January 14 to 18
First Semester closes.....	January 18
Registration for Second Semester.....	January 17 and 18
Second Semester Begins.....	January 21
Washington's Birthday.....	February 22
Day of Prayer.....	March 13
Spring Vacation.....	March 23 to April 1
Re-examinations.....	April 2 and 3
Final Examinations.....	May 27 to June 3
Commencement.....	June 4

BOARD OF TRUSTEES

OFFICERS

1927-'28

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

MEMBERS

CLASSIS CALIFORNIA

	Residence	Term Expires
The Rev. J. De Jonge	Hanford, Cal.	1928
The Rev. M. M. Schans	Redlands, Cal.	1930

CLASSIS GRAND RAPIDS, EAST

The Rev. J. Bruinooge	Moline, Mich.	1928
The Rev. W. P. Van Wijk	Grand Rapids, Mich.	1930

CLASSIS GRAND RAPIDS, WEST

The Rev. H. J. Kuiper	Grand Rapids, Mich.	1928
The Rev. Y. P. De Jong, Th. D.	Grand Rapids, Mich.	1930

CLASSIS HACKENSACK

The Rev. H. Bouma	Paterson, N. J.	1928
The Rev. D. De Beer	Passaic, N. J.	1930

CLASSIS HOLLAND

The Rev. L. Veltkamp	Holland, Mich.	1928
The Rev. H. Keegstra	Holland, Mich.	1930

CLASSIS HUDSON

The Rev. J. Walkotten	Paterson, N. J.	1928
The Rev. J. Holwerda	Paterson, N. J.	1930

CLASSIS ILLINOIS

The Rev. J. Van Lonkhuyzen, Th.D.	Chicago, Ill.	1928
The Rev. J. J. Hiemenga	Lafayette, Ind.	1930

CLASSIS MUSKEGON

The Rev. J. Dolfin	Muskegon, Mich.	1928
The Rev. L. J. Lamberts	Fremont, Mich.	1930

CLASSIS ORANGE CITY

	Residence	Term Expires
The Rev. N. Monsma.....	Orange City, Iowa.....	1928
The Rev. T. Vander Ark.....	Edgerton, Minn.....	1930

CLASSIS OSTFRIESLAND

The Rev. A. Koning.....	Shell Rock, Iowa.....	1928
The Rev. J. H. Beld.....	Parkersburg, Iowa.....	1930

CLASSIS PACIFIC

The Rev. P. Jonker, Jr.....	Lynden, Wash.....	1928
The Rev. J. Mulder.....	Everett, Wash.....	1930

CLASSIS PELLA

The Rev. I. Van Dellen.....	Denver, Colo.....	1928
The Rev. J. M. Byleveld.....	Cawker City, Kans.....	1930

CLASSIS SIOUX CENTER

The Rev. J. Haveman.....	Inwood, Iowa.....	1928
The Rev. J. H. Geerlings.....	Rock Valley, Iowa.....	1930

CLASSIS WISCONSIN

The Rev. H. Moes.....	Waupun, Wis.....	1928
The Rev. W. De Groot.....	Racine, Wis.....	1930

CLASSIS ZEELAND

The Rev. K. Bergsma.....	Hudsonville, Mich.....	1928
The Rev. E. J. Krohne.....	Hudsonville, Mich.....	1930

SUPERVISORY COMMITTEE

The Rev. L. Veltkamp	The Rev. J. Bruinooge
The Rev. H. J. Kuiper	The Rev. L. J. Lamberts

COMMITTEE ON FINANCES

Mr. C. Borrendamme	
The Rev. H. Keegstra	Mr. G. L. Dornbos
Fred L. Winter	Mr. John Hekman
Mr. G. J. Rooks	Mr. T. Noordewier

COMMITTEE ON BUILDINGS AND GROUNDS

Mr. B. W. Hertel	Mr. N. Brander
Rev. W. P. Van Wijk	

The Rev. John Vander Mey, Educational Secy.....	847 Sigsbee St., SE.
Mr. Tony Noordewier, Treasurer.....	855 Kalamazoo Ave., SE.
Mr. Henry Voss, Assistant Treasurer.....	1117 Neland Ave., SE.
Mr. E. J. Norden, Janitor.....	1130 Thomas St., SE.
Miss Anne Smith, Clerk.....	955 Tamarack Ave., NW.

THE COLLEGE

THE FACULTY

JOHANNES BROENE, A.M., *President*
Professor of Education
1000 Worden Street, SE.

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

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

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

ALBERT E. BROENE, A. B., *Secretary*
Professor of Modern Languages
1417 Thomas Street, SE.

JOHN P. VAN HAITSMAN, A.M.
Professor of Organic Sciences
1027 Benjamin Avenue, SE.

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

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

PETER HOEKSTRA, Ph.D.
Professor of History
1015 Worden Street, SE.

RALPH STOB, A. M.
Professor of the Greek Language and Literature
1301 Calvin Avenue, SE.

HENRY J. RYSKAMP, A.M.

Professor of Economics and Sociology
1201 Sherman Street, SE.

WILLIAM HARRY JELLEMA, Ph.D.

Professor of Philosophy
1312 Giddings Avenue, SE.

HARRY G. DEKKER, B.S., Registrar

Professor of Chemistry
1309 Alexander Street, SE.

The REV. H. HENRY MEETER, Th.D.

Professor of Bible
937 Alexander Street, SE.

HENRY VAN ZYL, A.M.

Director of Normal Training
1143 Fuller Avenue, SE.

SEYMOUR SWETS, A.M.

Instructor in Public Speaking and Music
1326 Calvin Avenue, SE.

JOHN R. BOS, A.M.

Assistant in History and German
621 Delaware Street, SE.

JOHANNA TIMMER, A.M.

Adviser to the Girls and Librarian
946 Virginia Street, SE.

LAMBERT J. FLOKSTRA, Ph.B.

Instructor in the Department of Normal Training
1158 Marshall Avenue, SE.

EDWIN Y. MONSMA, M.S.

Assistant in Biology and in charge of Physics
844 Geneva Avenue, SE.

WILLIAM CORNELISSE

Director of Athletics
1448 Hall Street, SE.

STANDING COMMITTEES OF THE FACULTY

Athletics, Boarding Places, and Dormitory—Ryskamp, Nieuwdorp, Dekker, and Meeter.

Discipline—Rooks, Jellema, Van Anandel, and Meeter.

Educational Policy and Normal Training—Hoekstra, Rooks, Van Haitsma, and Vanden Bosch.

Societies, Entertainments, Missions, and Religious Culture—Jellema, Stob, Meeter, and Swets.

Library—Nieuwdorp, Stob, Van Anandel, and Van Zyl.

Publication—Vanden Bosch, Hoekstra, and Swets.

Scholarship and Appointments—Dekker, Ryskamp, and Van Zyl.

Committees—Van Haitsma, Rooks, and Vanden Bosch.

GENERAL INFORMATION

LOCATION, HISTORY, AND CHARACTER OF THE COLLEGE

GRAND RAPIDS, the metropolis of Western Michigan, is an ideal college town. Being a city of about 175,000 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.

The origin of 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 Course in Education, a four-year Pre-Seminary 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 the 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.

FACILITIES

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, 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 men's *dormitory*, completed in 1924 through the donations of many friends, and especially the generosity of Mr. William Van Agthoven of Cincinnati, Ohio, is a modern building, constructed of re-enforced concrete and brick veneer and patterned after the main building. It is thoroughly fire-proof and accommodates about eighty 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 Committee on Boarding Places and Dormitory.

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.

The *Hekman Memorial Library* was completed in 1928. It is the gift of Mrs. E. Hekman and her three sons and is made in memory of the husband and father, the late Mr. Edsko Hekman. The building is one story in height, and of fire proof construction. The exterior is of brick and terra cotta, following the lines and details of late Georgian architecture. The reading room, seventy-seven feet by thirty feet, has a barrel-vaulted ceiling. The stack room will accommodate about twenty-five thousand volumes.

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 an endowment fund, the interest of which is annually available for the purchase of books. There is still, however, great need of enlarging the library, and gifts in the form of extra books or money are highly welcome.

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, adjustable 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.

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.

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 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.

STUDENT ORGANIZATIONS

All student organizations are subject to faculty supervision.

ALUMNI ASSOCIATION.—An organization seeking to promote the interests of the school. All who have been at Calvin one year or more are eligible.

ATHLETIC ASSOCIATION.—This association interests itself in various forms of athletic activity.

BLOTTER CLUB.—The purpose of this society is to awaken an interest in, and an appreciation for, good literature; to contribute to the development of the literary talents of the individual members of the society; to increase the general literary knowledge of the members of the society.

"C" CLUB.—A club organized for the purpose of maintaining and fostering loyalty to the principles of Calvin, especially as these apply to athletics. Membership is limited to those who have earned major "C's".

CALVIN COLLEGE BAND.—This organization offers an opportunity for expression to the instrumental talent available. It affords entertainment on occasion and is led by a capable director.

CALVIN COLLEGE QUESTORS (K. K. Q.).—The purpose of the organization is to develop the culture of the literary, musical and artistic abilities of its members; to foster a spirit of fellowship among its members; to promote the best interests of and a greater spirit of sociability among all Calvin women.

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.

CHORAL CLUB.—This club furnishes students instruction and practice in the art of singing. It has become known for its renditions of the Messiah and Elijah.

COLLEGE INN CLUB.—All the students residing at the College Inn are organized to promote good fellowship, to stimulate to proper conduct, and to provide for the general welfare of the students residing there.

DORMITORY CLUB.—The purpose is to create a spirit of unity among the men living at the Dormitory, to facilitate administration of their affairs, and to establish a direct contact between the faculties and those living at the Dormitory.

FORENSIC ASSOCIATION.—All students are eligible for membership of the Calvin Forensic Association. This organization is governed by an executive group known as the Calvin Forensic Staff, the personnel of which is elected annually by the Association. The Staff has as its purpose the encouragement of collegiate and inter-collegiate debating and oratory, and the promotion of an intelligent and progressive school spirit.

GIRLS' "C" CLUB.—An organization of girls interested in some forms of athletics.

GIRLS' CHRISTIAN FELLOWSHIP CLUB.—This club is a spiritual campus movement of women students with the following aim and purpose: To promote the growth of students in Christian character and to deepen their devotion to their Christian calling through the study of the Bible and prayer.

FRESHMEN GLEE CLUB.—The aim of this club is to afford opportunity for the development of vocal talent, as well as to provide entertainment for its members and for the class which the club represents.

GIRLS' GLEE CLUB.—Purpose is to develop a musical appreciation among the members and provide entertainment upon occasion.

MEN'S GLEE CLUB.—The purpose of the club is to stimulate interest in the art of music, and to further the interests of Calvin College. This purpose is to be attained by means of rendering public concerts and by providing entertainment compatible with this purpose.

KANT.—This club studies the philosophy of Kant.

NIL NISI VERUM.—The purpose of this club is to study the Calvinistic principles and their application to church, state and society.

PHI ALPHA CLUB.—An organization of girls for the study of philosophy.

PHYTOZOON CLUB.—The club exists for the purpose of studying biological subjects and problems.

PLATO CLUB.—A club for studying Plato and Aristotle.

PRE-SEM. CLUB.—The object of this club is to foster mutual fellowship among a group interested in the clerical profession and also to stimulate such interest. All pre-seminary students are cordially invited to join. The club meets at least five times during the school year.

STUDENT COUNCIL.—The Student Council is organized to advance the general good of the student body and to facilitate it in its various relationships.

STUDENT VOLUNTEERS.—The purpose of this Band is to glorify God by fostering the mission enterprise. It seeks to accomplish this by giving its members opportunity for mutual aid in their preparation for the work unto which they believe themselves called, and seeking to stimulate missionary interest among the other students of this institution.

TUITION, FEES, AND LIVING EXPENSES

The tuition fee is \$75.00 a year; for two from the same family, \$50.00 each. For students living west of the Mississippi River and east of the Ohio River the fee is \$50.00, and for two from one family, in this same region, the minimum rate is \$40.00 each; while for those coming from Montana, Wyoming, Colorado, and New Mexico, and points west of these states, the fee is \$25.00 per year.

A married man who establishes his home in Grand Rapids for one semester next preceding date of enrollment is considered to have his residence here, while the residence of minors follows that of their parents or legal guardians.

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.

The gymnasium fee of \$5.00 is not included in the tuition fee. Students who register for a practice teaching course pay a "practice" fee of \$3.00 per semester.

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.

A diploma fee of five dollars is charged at the completion of any College Course. This fee must be paid before admission to the final examinations.

Board and room, fuel and light, are furnished at the Dormitory for six dollars a week and upward.

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

Board in private families will cost from seven to nine dollars a week.

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.

DIPLOMAS AND CERTIFICATES

The School issues diplomas as follows:

To those who have finished one of the various four year courses in the College.

To those who have finished the Three-Year Pre-Law Course and one year in a recognized law school.

To those who have finished the Three-Year Pre-Medical Course and one year in a recognized medical school.

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 LIFE CERTIFICATE

Seniors who are entitled to the A. B. degree and who have completed at least fifteen hours in the department of education, three hours in practice teaching, and the required courses in the subject of their preference, will be recommended for a State Teacher's Life Certificate.

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 February 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 consult the Registrar before October 1, 1928.

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

BROODMAN ORATORICAL PRIZES.—Through the generosity of Dr. G. J. Broodman of Grand Rapids, Michigan, gold, silver, and bronze medals are given annually to the winners of the first, second, and third prizes, respectively, in a men's oratorical contest. The first prize winner represents Calvin in the state oratorical contest of the Michigan Oratorical League held in March of each year.

BROODMAN DEBATING TROPHY.—All students are eligible for intramural debating in competition for the silver cup awarded by Dr. G. J. Broodman. The names of the three winners are inscribed on this cup.

INTERCOLLEGIATE DEBATING.—Calvin as a member of the Michigan Debating League each year puts into the field two teams to meet other colleges. The intercollegiate debaters are chosen by faculty judges from those who participate in the intramural debates.

HEYBOER PRIZE.—Mr. G. A. Heyboer of Grand Rapids has given three prizes in oratory for ladies, of \$15.00, \$10.00 and \$5.00. The first prize winner represents Calvin in the state oratorical contest of the Michigan Oratorical League held in March of each year.

THE RINCK MEMORIAL PRIZE.—A fund of \$500.00 has been subscribed by former students and friends of the late William Rinck, Professor of Mathematics at Calvin College, 1905 to 1920, the income of which is to be devoted to a prize in mathematics. The prize is awarded annually to the student who has done the best work in college algebra, analytical geometry and calculus, provided the grade in each of these courses is at least "B".

HOFFIUS PRIZE.—Mr. C. Hoffius, former prosecuting attorney of Kent County, Michigan, has given to the Col-

lege \$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 Paterson, New Jersey, has given to the College \$25.00 as a prize for the student doing the best work in some designated course in History.

PRIZE ESSAY IN MISSIONS.—Through the courtesy of the Men's Bible Class of the Bethany Church at Muskegon a prize of twenty-five (\$25.00) dollars is offered annually for the best essay on any missionary subject. Competition for this prize is open to both college and seminary students. Essays must be handed in either to the college president or to Professor Volbeda, who are also ready to give further information regarding the conditions governing the awarding of this prize.

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 two hours of gymnastics or physical education per week. No credit is given for this work.

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.

EXAMINATIONS, GRADES, CONDITIONS, HONOR POINTS

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 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.

Students in all courses (Normal, Pre-Engineering, Pre-Medical, and Pre-Law) may graduate only when they have met the course requirements and have maintained an average scholarship record during their term of residence; that is, have received as many honor points as hours of credit. For honor points required of students entering after the Freshman year see page 29.

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.

An "Incomplete" must be removed within a year. At the end of a year an unremoved "Incomplete" becomes an "F".

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

All written work for any course in the curriculum must be submitted by the last week preceding the final examination.

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.

DISMISSION

Admission to Calvin College is a privilege, not a right. This privilege may be withdrawn from any student whose presence is not regarded as desirable by the College authorities.

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.

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.

REQUIREMENTS FOR 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.

Beginning September, 1927, an examination in English Grammar will be required of all Freshmen entering the

College. Upon failure to pass this examination Freshmen must pursue a course in English Grammar offered in the College, and must reduce their hours in proportion. For this course no credit is given.

All certificates and testimonials must be presented to the Dean 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, to the Pre-Law Course, and to the Course leading to an A. B. in Education, 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), 10½ units prescribed:

English	3	Algebra	1½
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		

For admission to the Normal Course the diploma of any accredited High School will be accepted, provided no

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

less than 10 units are offered in subjects listed below under Group I.

Those who enroll for the Normal Course, but later wish to enter the College Course leading to the A. B., must then comply with the requirements for admission to the General College Course as given above.

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.	Zoölogy, ½ to 1 unit.
Spanish, 2 to 4 units.	Physiology, ½ unit.
History, 1 to 3 units.	Introd. Science, ½ to 1 unit.
Civics and Economics, ½ to 1 unit.	Geography and Geology, ½ to 1 unit.
Algebra, 1 to 2 units.	Bible, 1 unit.

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

* 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.

college semester hours. Moreover, a study in which advanced credit is sought must be successfully continued for at least one semester in the College.

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. No student is allowed more than 17 hours of credit for each semester of work taken at some other recognized institution.

Students entering as sophomores must earn 94 honor points for graduation, those entering as juniors 62½ honor points, and those entering as seniors 31 honor points.

All advanced credit is subject to revision at the end of the first year of residence.

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.

INFORMATION

The President will be glad to furnish all possible information with reference to the College. Those desiring private boarding places should apply to Professor Ryskamp. Correspondence is cordially invited.

OUTLINES OF COURSES

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.....	8 or 14 hours‡
History	6 hours
Philosophy (not including Psychology or Logic)	6 hours
Natural Science.....	10 hours
Latin or Greek.....	6 or 12 hours§
A total of 52 or 58 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, Zoölogy, 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 36 hours, of

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

† Introduction to the Bible, 4 hours; Reformed Doctrine, 4 hours; Studies in Calvinism, 2 hours.

‡ German or French, 14 hours. If preceded by High School units, this number may be reduced in the proportion of 8 hours for every unit the first year and 6 hours for every unit the second year. Every student, however, is required to take in the College at least 6 hours of either German or French.

§ Latin or Greek, 12 hours. If preceded by High School units this number may be reduced in the proportion of 6 hours for every unit.

which at least 21 hours must be taken in one department, as, for example, Latin, Greek, Chemistry, etc., and 12 hours in another department, the remaining 3 hours to be taken in either of the two departments. In his minor group he must take 18 hours, at least 12 of which must be taken in one department.

2. At least one-half of the work taken in residence beyond the sophomore year must be in courses not open to Freshmen.

By department is meant a study as outlined under "Description of Courses," pages 37 to 68.

PRE-SEMINARY COURSE*

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

The following 112 hours of work are prescribed:

English	12	Philosophy (including Psychology and Logic).....	12
Dutch	20	Organic Science	6
Greek	20	Bible	8†
Latin	15	Public Speaking	4
History	6	German	3
Sociology	6		

Of the remaining 13 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 13 hours of electives.

Oration will be required from Pre-Seminary students in accordance with arrangements to be made by the Faculty.

* 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.

† Reformed Doctrine, 4 hours; Biblical Archaeology, 2 hours; Studies in Calvinism, 2 hours.

THREE-YEAR PRE-MEDICAL COURSE

FRESHMAN

First Semester

Rhetoric 3
 Modern Language 4 *
 Chemistry 4
 Fundamentals of Zoölogy 4
 Introduction to Bible 2

Second Semester

Rhetoric 3
 Modern Language 4
 Chemistry 4
 Trigonometry 3 †
 Introduction to Bible 2

SOPHOMORE

Quantitative Chemistry 4
 Physics 4
 Invertebrate Zoölogy 4
 Modern Language 3
 Reformed Doctrine 2

Organic Chemistry 4
 Physics 4
 Botany 4
 Modern Language 3
 Reformed Doctrine 2

JUNIOR

Economics-Sociology 3 or
 History 3 or
 Philosophy 3 or
 English 3
 Psychology 3
 Quantitative Analysis 2
 Electives 6 to 8 ‡

Same as first semester 3
 Vertebrate Zoölogy 4
 Calvinism 2
 Quantitative Analysis 2
 Electives 4 to 6

A Pre-Medical student is eligible to admission to the "Combined Curricula", that is, is entitled to an A. B. degree after one year of successful work in a recognized medical school, provided he has maintained a good scholarship record during his three years of under-graduate preparation, namely, has earned at least ninety-four hours of credit and has secured at least one and one-third times as many honor points as semester hours of credit. Students who complete the three years Pre-Medical course with less than the above number of honor points but with at least as many honor points as hours of credit will graduate with a three year diploma.

* Each unit of French or German taken in high school reduces by four hours the requirement in that language. One year of that foreign language or six semester hours of work in it must, however, be taken in college.

† Advanced Algebra is a prerequisite to Trigonometry. This pre-supposes 1½ units of Algebra.

‡ Students should choose such studies for their electives as are required for admission to the medical school which they expect to attend.

TWO-YEAR PRE-ENGINEERING COURSE

FRESHMAN

First Semester

Rhetoric 3
 Modern Language 4
 Analytic Geometry 4
 General Chemistry 4
 Introduction to Bible 2

Second Semester

Rhetoric 3
 Modern Language 4
 Analytic Geometry 4
 General Chemistry 4
 Introduction to Bible 2

SOPHOMORE

English Literature 3
 Modern Language 4
 Calculus 4
 Physics 5
 Reformed Doctrine 2

Same as
 First Semester

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

Rhetoric 3
 Latin 3
 Mathematics or Science 3
 Psychology 3
 Public Speaking 3
 Introduction to Bible 2

Second Semester

Same as
 First Semester

SOPHOMORE

English Literature 3
 Latin 3 or
 Modern Language 4 *
 English History 3
 Sociology 3
 Political Science 3
 Reformed Doctrine 2

Same as
 First Semester

JUNIOR

English 3
 American History 3
 Political Science 3
 Electives 6 or 7 †

Same as First Semester with
 addition of Calvinism 2

* Each unit of French or German taken in high school reduces by four hours the requirement in that language. One year of that foreign language or six semester hours of work in it must, however, be taken in college.

† Students should choose such studies for their electives as are required for admission to the law school which they expect to attend.

A Pre-Law student is eligible to admission to the "Combined Curricula", that is, is entitled to an A. B. degree after one year of successful work in a recognized law school, provided he has maintained a good scholarship record during his three years of under-graduate preparation, namely, has earned at least ninety-four hours of credit and has secured at least one and one-third times as many honor points as semester hours of credit. Students who complete the three years Pre-Law course with less than the above number of honor points but with at least as many honor points as hours of credit will graduate with a three year diploma.

A. B. COURSE IN EDUCATION

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

English	12	Sociology	6
Modern Language	12	Ancient Language or Nat- ural Science	12
History	12	Education	24
Mathematics or Philosophy (Introd. to Phil. and Hist. Anc. Phil.)	6	Bible	10

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	Type of Student	Second Semester	Type of Student
English Grammar	3 A	English	3 A
Introduction to Psychology.....	3 A	Educational Psychology.....	3 A
Principles of Education.....	3 A	Introduction to the Bible.....	2 A
Introduction to the Bible.....	2 A	Music	2 A
Human and Econ. Geog.....	3 R	Physiology	2 A
Western European History since 1815.....	3 R	Hygiene	2 A
Some other course approved by the Dean.....	3 R	Methods of Teaching History	3 A
The Junior High School.....	3 J		
Expression	2 A		

SOPHOMORE

History of Education.....	3 A	Methods of Teaching.....	4 R
Methods of Teaching.....	4 R	Methods of T. J. H. S.....	3 J
Principles of T. J. H. S.....	3 J	Practice and Observation.....	4 A
Observation	4 A	Reformed Doctrine	2 A
Reformed Doctrine	2 A	Calvinism	2 A
Biblical Archaeology	2 A	Methods of Teaching Arith- metic	3 A
Pennmanship	2 A	Drawing	2 A

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.

Chorus, in the Department of Music, is compulsory for every semester of the Normal Course. For this work no credit is given.

Credit towards an A. B. in Education will be given to non-Normal students who take courses in Methods of Teaching in the Normal Department to the maximum of 10 hours.

Regular A. B. students may offer no more than four hours of Methods of Teaching (as given in the Normal Course) towards fulfilment of the 15 hours required for the State Teachers' Life Certificate.

Sixty hours of credit towards the A. B. in Education will be allowed for this two-year Normal Course.

Courses marked A are required of all Normal students; those marked R are for Normal students looking for positions in the regular elementary grades; and those marked J are for students looking for positions in the upper elementary grades and in the junior high school. The R students will therefore, select the A and R courses, and the J students will choose the A and J courses. At the end of the second semester the R student may, if he desires, become a J student, and the J student may become an R student.

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

PROFESSOR MEETER

251-2
5 and 6. REFORMED DOCTRINE *Two hours*

A study of the fundamental doctrines of the Christian religion as contained in the Bible and reflected in the confessional standards of the Reformed Churches. No text-book is used but the Bible is taken as source-book. As reference works M. J. Bosma, *Reformed Doctrine* or W. Heyns, *Manual of Reformed Doctrine* are recommended.

251-2
7 and 8. REFORMED DOCTRINE *Two hours*

Continuation of Course 5 and 6.

251-2
9. BIBLICAL ARCHAEOLOGY *Two hours*

A study of the geographical, social, civil, and religious conditions of the people among whom the Bible arose, especially of the Hebrews. *The Student's Historical Geography of the Holy Land*, by William Walter Smith and *Biblical Archaeology*, by Louis Berkhof, are used as texts.

301
10. STUDIES IN CALVINISM *Two hours*

After a brief introduction inquiring into the origin and nature of Calvinism, its influence upon the development of religion, education, society, politics, ethics, and art as well as the proper application of its principles in these spheres is investigated. The course will consist of lectures, assigned readings, and essays.

301-2
11 and 12. INTRODUCTION TO THE BOOKS OF THE BIBLE *Two hours*

A general propaedeutical introduction to the Bible as a whole, in which matters relating to its origin,

nature, canonicity, authority, organic unity are investigated. A special introduction, inquiring into the contents, historical setting, literary form, and permanent ethical and religious values of each book. The Bible is used as source-book.

13. THE ORIGIN AND DEVELOPMENT OF CHRISTIANITY *Three hours*

A beginners' course in church history. The historic development of Christianity, including a survey of all the facts which either directly or indirectly have issued from or centered in Christianity are considered. The textbook for this course is the *Compendium of Church History*, by Andrew C. Zenos. Regular assignments for library reading in addition.

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, \$3.00. Breakage fee, \$5.00.

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, \$3.00. Breakage fee, \$5.00.

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**

Two hours of class room work, one quiz period, and two laboratory periods of three hours each per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. This course deals with principles underlying analytic processes and with reactions and qualitative analytic methods.

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

4. ORGANIC CHEMISTRY *Four hours**

Two or three recitations and one or two laboratory periods of three hours per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. 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**

One hour in the class-room and from eight to ten hours of laboratory work per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. This course emphasizes the quantitative application of the principles of Analytic Chemistry and gives training in quantitative methods and technique.

Prerequisite: Course 3.

6. INORGANIC CHEMISTRY *Two hours*

A course emphasizing the theories and laws of inorganic chemistry and presenting some of the principles of inorganic physical chemistry. Two hours class-room work.

Prerequisites: Chemistry 3, and preferably Physics 1 and 2.

10. TEACHERS' COURSE *One hour*

Methods of teaching Chemistry in secondary schools.

Prerequisite: Two years of Chemistry.

* For engineering students and those desiring to take advanced work in chemistry, a five hour course will be arranged.

DUTCH LANGUAGE

PROFESSOR VAN ANDEL

11. ELEMENTARY GRAMMAR *Four hours*
Conjugations and declensions. Required outside reading.
12. ADVANCED GRAMMAR *Four hours*
Review of preceding course. Syntax. Required outside reading. In class some Dutch works are read.
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.

Only courses 11 and 12 are open to Freshmen. Courses 11 to 18 are required of all students taking the Pre-Seminary Course. Courses 23 to 26 under Dutch and Medieval History and courses 31 and 32 under History of Dutch Art may be credited in the department of Dutch Language. They cannot, however, be substituted for language courses.

DUTCH AND MEDIEVAL HISTORY

PROFESSOR VAN ANDEL

23. THE MIDDLE AGES (400-1200) *Three hours*
The development of the Roman Empire, of the Church, of Monasticism, of Feudalism, and of the Western European States up to 1200. Lectures, collateral reading, term papers, maps, and class exercises. Not open to Freshmen. Given 1928-'29.
24. FIRST RENAISSANCE (1200-1400) *Three hours*
The rise of the small states and of the cities, the rise of democracy and education, especially in the Netherlands and Italy. The conflicts in the fourteenth century in church, state, and society.
Prerequisite: Course 23. Not open to Freshmen. Given 1928-'29.
25. SECOND RENAISSANCE AND REFORMATION (1400-1568) *Three hours*
A short review of the history of the Netherlands up to 1300. A thorough discussion of the century of unrest and of the cultural and Christian Renaissance in the Low Countries. The Italian Renaissance and its distribution over Northern Europe through the school of *Hegius* at Deventer. The Renaissance spirit. The Reformation in Germany, Switzerland, France, and the Netherlands. Not open to Freshmen. Given 1927-'28.
26. THIRD RENAISSANCE AND REVOLUTION (1568-1815) *Three hours*
The emphasis in this course falls on the *Dutch Republic*, its rise, Golden Age, and decline. The prelude to the eighty years' war. The religious and the commercial wars. The Dutch Renaissance and its influence on the world's science and art. The conflicts between Louis XIV and William III, and their significance for Europe and America. The absolutism and the plutocracy, the rationalism and the naturalistic theories of the eighteenth century leading to the period of Revolution and Romanticism. The spirit of the Revolution and of modern democracy. A short review of the rise of political Calvinism in the Nether-

lands since 1821 and its victory over Liberalism. The triumph of the free Christian School as a national institution. Prerequisite: Course 25. Not open to Freshmen. Given 1927-'28.

Courses 23 to 26 are credited either in the Dutch or in the history department. As their description points out, they try to give not only a review of political events, but also a survey of the history of civilization.

DUTCH ART

PROFESSOR VAN ANDEL

31. FLEMISH PAINTING *Three hours*

A course in the Flemish and Dutch primitives and Italianizers, followed by a discussion of the Flemish Renaissance painters with emphasis on Rubens and Van Dyck. The course is analytical as well as historical. Lectures, collateral reading, and reports. Not open to Freshmen.

32. DUTCH PAINTING *Three hours*

A course in Dutch painting from the Renaissance to modern times. The emphasis is placed on the seventeenth century. Lectures, collateral reading, and reports. Not open to Freshmen.
Prerequisite: Course 31.

Courses 31 and 32 may be credited in the Dutch department. They are of great benefit to teachers and students of history and literature.

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 and control of 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*

An elementary course in sociology, including a brief discussion of the principles of sociology and of some of the modern social problems. A Freshman course.

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 economics and an application of the same to current industrial problems and institutions. Students electing Course 3 are expected to take Course 4.

5. SOCIOLOGY *Three hours*

A study of the underlying social relationships with a view to bringing out the essential oneness of the individual and society; including a discussion of the biological and psychological approaches to the study of society, human nature, public opinion, social organization, democracy, etc. Not open to Freshmen, except by special permission.

6. SOCIAL PROBLEMS *Three hours*

A continuation of Course 5 with a further application of the principles of sociology to the outstanding social institutions; including a discussion of the more prominent of the present-day social problems.

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 role 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, and so forth. Prerequisite: Courses 3 and 4 or their equivalents.

8. (Economics) BUSINESS ORGANIZATION AND COMBINATION *Three hours*

A continuation of Course 7. The financial promotion of corporations and of trusts; the trust problem.

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.

12. (Sociology) THE FAMILY *Two or three hours*

This course will be adapted to suit the needs of the students. It aims, however, at an intensive study of the history of the family as a social and educational institution, and at a thorough discussion of the divorce problem.

Prerequisites: Courses 2, 5 and 6, or their equivalents.

EDUCATION

PRESIDENT BROENE AND MR. FLOKSTRA

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.

301

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 VANDENBOSCH, MR. BOS, AND MISS TIMMER

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. Three sections. Beginning with the first semester of 1927-28 every Freshman must submit to a test in English Grammar.

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. PRINCIPLES OF LITERATURE *Three hours*

Literature: its place in philological encyclopedia and æsthetics, its nature, its various forms, and kindred topics. Desirable for all who wish to specialize in literature.

4. ADVANCED RHETORIC *Three hours*

Open only to those who receive special permission. Analysis of masterpieces; criticism of students' themes. Rhetorical theory.

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.

15. THE ELIZABETHAN PERIOD *Three hours*

A study is made of the Renaissance as it manifests itself in literature, particularly in drama. Open to Sophomores and Juniors. Given 1927-'28.

16. THE SEVENTEENTH CENTURY *Three hours*

The Cavalier and the religious poets, Milton and Bunyan, and the restoration authors. Open to Sophomores and Juniors.

17. THE ROMANTIC MOVEMENT *Three hours*

History and characteristics of Romanticism. Emphasis upon Wordsworth, Coleridge, Byron, Shelley, and Keats. Open to Juniors and Seniors. Given 1928-'29.

18. THE VICTORIAN PERIOD *Three hours*

Introduction to the period and survey of leading authors, with special attention to Tennyson and Browning. Open to Juniors and Seniors. Given 1927-'28.

19. CONTEMPORARY LITERATURE OF ENGLAND *Two 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 Seniors.

20. CONTEMPORARY LITERATURE OF ENGLAND *Two hours*

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

21. JOHN MILTON *Three hours*

The life, times, ideas, and art of Milton are studied. Open only to Juniors and Seniors. Not given 1928-'29.

30. TEACHERS' COURSE *One hour*

History and methods of teaching English in secondary schools. Prerequisite: At least seven of the courses offered in this department.

Two hours of credit are given to students who take part in inter-collegiate debating, and one hour to those who take part in the finals, i. e., in the Broodman contest and as substitute in the inter-collegiate contest.

FRENCH

PROFESSOR A. E. BROENE

1. ELEMENTARY COURSE *Four 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.

2. CONTINUATION OF COURSE 1 *Four hours*

Text in both courses: Bird, *Essentials of French*. This is followed by the reading of easy prose.

3. INTERMEDIATE COURSE *Three hours*

Reading of about two hundred pages of easy nineteenth century text. Special stress on idiom. Composition based on text read. Prerequisite: Courses 1 and 2.

4. CONTINUATION OF COURSE 3 *Three hours*

Reading of about three hundred pages of modern prose. Composition and thorough review of grammar. About six hundred pages of outside reading is required for the year.

5. THE ROMANTIC MOVEMENT *Three hours*

A history of French literature of the first half of the nineteenth century. Collateral reading and reports. Prerequisite: Courses 1 to 4.

6. NINETEENTH CENTURY—SECOND HALF *Three hours*

A history of French literature since the middle of the nineteenth century. Collateral reading and reports. Prerequisite: Courses 1 to 4. Courses 5 and 6 are not given during 1928-'29.

7. THE CLASSIC PERIOD *Three hours*

A study of French literature and culture in the seventeenth century as a background for the more detailed study of the classic authors. One drama is read in class, others are assigned for outside reading. Prerequisite: Course 4.

8. THE CLASSIC PERIOD *Three hours*

A continuation of Course 7, dealing with the later seventeenth century literature, with special attention to Moliere and Racine. A drama of Racine is read in class. A few dramas are assigned for outside reading. Anthology in both courses: Schinz and King's *Seventeenth Century Readings*. Prerequisite: Courses 4 and 7.

9. METHODS OF TEACHING MODERN FOREIGN LANGUAGES *One hour*

Intended for prospective teachers of French in secondary schools. Prerequisite: six of the courses offered in this department.

GERMAN

PROFESSOR A. E. BROENE AND MR. BOS

1. ELEMENTARY COURSE *Four hours*

Grammar and composition. Text: Vos's *Essentials*.

2. CONTINUATION OF COURSE 1 *Four hours*

Completing first thirty-two lessons of Vos's *Essentials*. Reading of at least one hundred pages of modern prose and poetry.

3. INTERMEDIATE COURSE *Three hours*

Reading of nineteenth century prose. Vos's *Essentials* completed. Review of the more important parts of grammar. Composition and dictation. Prerequisite: Courses 1 and 2.

4. INTERMEDIATE COURSE CONTINUED *Three hours*

Intensive study of modern prose and poetry. By stress upon idiom and otherwise, effort is made throughout the year to create sprachgefühl. Outside reading with reports required to the extent of at least eight hundred pages for the year. 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 since the middle of the nineteenth century. Collateral reading and reports. Prerequisite: Course 4. Courses 5 and 6 are not offered during 1928-'29.

7. EARLY NINETEENTH CENTURY DRAMA *Three hours*

A comprehensive study of the lives and works of such leading German dramatists of the early nineteenth century as Von Kleist and Hebbel. Assigned readings. Papers on related subjects. Prerequisite: Course 4.

8. LATER NINETEENTH CENTURY DRAMA *Three hours*

A study of Hauptmann and Sudermann and their contemporaries. Assigned reading and reports. Prerequisite: Courses 4 and 7.

9. THE CLASSIC PERIOD *Three hours*

A general survey of German literature in the eighteenth century as far as Lessing and with special attention to him. A drama of Lessing read in class. Collateral reading and reports. Prerequisite: Course 4.

10. THE CLASSIC DRAMA *Three hours*

A study of the lives and works of Schiller and Goethe. One or two of their dramas are read. Reports on assigned topics. Prerequisite: Courses 4 and 9. Courses 9 and 10 are not offered during 1928-'29.

11. METHODS OF TEACHING MODERN FOREIGN LANGUAGES *One hour*

Intended for prospective teachers of German in secondary schools. Prerequisite: Six of the courses offered in this department.

GREEK

PROFESSOR STOB

1. BEGINNERS' GREEK *Four hours*

Text: White's First Greek Book. Lessons 1-40.

2. BEGINNERS' GREEK *Four hours*

Continuation of Course 1. Completion of the text and the reading of the first book of Xenophon's *Anabasis*, or its equivalent.

3. XENOPHON *Three hours*

Translation of several books of the *Anabasis*. Prerequisite: Courses 1 and 2.

4. SELECTIONS FROM THE GREEK HISTORIANS *Three hours*

5. PLATO *Three hours*

The *Apology* and parts of the *Phaedo* are read.

6. PLATO *Three hours*

The *Protagoras* is read.

13. NEW TESTAMENT GREEK *Two hours*

Syntactical study of the Gospel according to Mark. The General Epistles of John and Revelations are read. Prerequisite: Courses 1 and 2.

14. NEW TESTAMENT GREEK *Two hours*

Study is made of some of the Pauline epistles. Prerequisite: Courses 1-2, 13.

25. GREEK CULTURE *Two hours*

An elective course. No knowledge of Greek is required. The main features of Greek culture will be discussed.

HISTORY

PROFESSOR HOEKSTRA AND MR. BOS

1a. EUROPE SINCE 1815 *Three hours*

The general history of Europe since 1815, with emphasis on such topics as the revolutionary movement in France, the unification of Germany, the rise of Socialism. Discussion and assigned reading. Presupposes a High School course in General History.

2a. EUROPE SINCE 1815 *Three hours*

A continuation of Course 1a, which is prerequisite. 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. Prerequisites: Courses 1a and 2a. For Sophomores and Juniors. 1927-'28.

4b. EASTERN EUROPE SINCE 1815 *Three hours*

The Balkan States: Austria, Hungary, and Czechoslovakia. Lectures, readings, and reports. Prerequisites: Same as Course 3. 1927-'28.

5. ENGLISH HISTORY TO 1600 *Three hours*

The political and constitutional history of England will be studied with the aid of such a text as Cheney's *Short History of England*. Prerequisites: Courses 1a and 2a. For Sophomore or Junior year.

6. ENGLISH HISTORY SINCE 1600 *Three hours*
Continuation of Course 5, which is prerequisite.
7. AMERICAN CONSTITUTIONAL HISTORY *Three hours*
Lectures and readings. Prerequisite: A High School course in American History.
10. AMERICAN CONSTITUTIONAL HISTORY *Three hours*
Continuation of Course 7, which is prerequisite. Courses 7 and 10 are open to Juniors and Seniors.
11. 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 1928-'29.
12. AMERICAN FOREIGN RELATIONS *Three hours*
Diplomatic relations with South American countries. Origin and development of the Monroe Doctrine. Courses 11 and 12 open to Juniors and Seniors.
9. TEACHERS' COURSE *One hour*
Methods of teaching history in secondary schools. Prerequisite: twenty-one to twenty-four hours of history.
17. PURITAN NEW ENGLAND DURING THE COLONIAL PERIOD
The European background, the relation of these colonies to each other and to the mother country. Some attention is also given to the cultural and religious aspects of this period. Prerequisite: Courses 7 and 10. Given 1927-'28 and 1928-'29.
18. CIVIL WAR AND RECONSTRUCTION
The social, political, and constitutional history of this period. Prerequisite: Courses 7 and 10. Given 1927-'28 and 1928-'29.

For courses in Dutch and Mediæval History see page 41.

LATIN

PROFESSOR BOOKS

Students who expect to teach Latin and are candidates for a State Teachers' Certificate must have completed at least twenty-two hours of work in this department beyond the two units required for admission and must include Courses 10, 12 and 14.

Students who wish to graduate from the four-year Pre-Seminary Course must complete fifteen semester hours beyond Courses 1*b* and 2*b*, and must include Courses 5 and 6 or 16. Those who with admission offer more than two units of Latin may reduce the requirement by six semester hours for every unit taken in the High School.

1*a* and 2*a*. ELEMENTARY LATIN *Three hours each*

These courses, running through the year, cover one unit of Latin for entrance to college and are intended for those who have had no Latin in their high school course. No credit is granted for Course 1*a* unless credit has been earned for Course 2*a*.

These courses may be withdrawn if the number of students desiring them is very small, or if there are students electing Courses 7, 8 or 9.

1*b* and 2*b*. CÆSAR *Three hours each*

The equivalent of four books of Cæsar's *Gallic Wars* is read.

No credit is given for 1*b* unless credit is earned for 2*b*. Equivalent to one unit of Latin for admission.

1. ROMAN ORATORY *Three hours*

Catilinarian 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. No credit is given for this course unless credit is earned for Course 2.

2. ROMAN ORATORY AND CORRESPONDENCE *Three hours*

Selected orations and letters of Cicero. A study of Roman manners and political conditions at the end of the Republic. Prose composition.

3. POETRY *Three hours*
 Selections from the various works of Ovid. Study of Latin prosody and Roman mythology.
4. POETRY—Continued *Three hours*
 Parts of Books I to VI of Virgil's *Aeneid*. Translation and interpretation, metrical reading, and studies in Roman mythology. The personal, national, and religious elements found in the *Aeneid* 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.
5. PHILOSOPHICAL TREATISES *Three hours*
 Cicero's *De Senectute* and *De Amicitia*. Papers by the students on assigned subjects.
6. CHRISTIAN LITERATURE *Three hours*
 Latin Hymns, Augustine's *Confessions*, and Calvin's *Institutes*. The purpose of this course is to acquaint the students with Latin hymnology and with the life and language of the two great men of the Christian Church, and through their writings in the Latin language to introduce the students to their thought and principles. Papers on assigned subjects.
7. ROMAN HISTORIANS *Two or three hours*
 Livy, Book XXI: the history and the life of Rome during the period of the Punic Wars.
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: *Aeneid*, Book VI and *Georgics*, Book III. Horace: Selected odes and epodes. Selected parts of Ovid, Catullus, and other writers.
 This course is not offered unless one of the other courses is dropped.
9. ROMAN COMEDY AND BIOGRAPHY *Two or three hours*
 Terence: The *Adelphi* and one of his other works. History of the drama among the Romans. Choice of either Course 7 or 9 will be given students in 1928-'29.

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 their equivalent. 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, text-book, assigned readings, term papers. Illustrated with slides. Not offered in 1928-'29.
11. SELECTIONS FROM THE POETS *Three hours*
 This course may be offered in place of either Course 7 or 9 to meet the needs of students interested.
12. TEACHERS' COURSE *One hour*
 This course is required of all students who expect to teach Latin, and who seek to obtain a State Teachers' Certificate. It is open to such only as have had at least Courses 1 to 8. In this course study will be made of the problems and methods of teaching secondary Latin. Students should combine 12 and 14.
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.
16. MEDIÆVAL LATIN *Three hours*
 Selections from various writers of Latin prose and poetry from the fifth century to the Renaissance. The course is intended to furnish classical students a knowledge of mediæval Latin and a general survey of mediæval culture. May be offered in place of Course 6 in 1928-'29.

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.
8. INTEGRAL CALCULUS *Four hours*
Completion of Integral Calculus and introduction to Differential Equations.
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.
13. SOLID ANALYTICAL GEOMETRY *Three hours*
Prerequisite: Courses 7 and 8.

ORGANIC SCIENCE

PROFESSOR VAN HAITSMSA AND MR. MONSMA

1. FUNDAMENTALS OF ZOÖLOGY *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, \$3.00.
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 ZOÖLOGY *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, \$3.00.
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, \$3.00.
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, \$3.00. Course 6 is prerequisite.
8. VERTEBRATE ZOÖLOGY *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, \$3.00. 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, variation of organisms, evidences for evolution, and organic teleology. Lectures, assigned readings, recitations, and reports. Prerequisite: Course 1.

10. INTRODUCTION TO EMBRYOLOGY

Three hours

An elementary study of the development of vertebrate animals. Two recitations and three hours of laboratory work a week. Laboratory fee, \$3.00.

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, \$3.00. Three hours of laboratory work a week throughout the year.

15 and 16. SPECIAL ZOÖLOGY

Three hours

A more intensive study of biological problems selected to meet the needs of advanced students. One recitation a week during the first semester and three hours of laboratory work throughout the year. Laboratory fee, \$3.00. This course cannot be elected at the same time with Courses 13 and 14.

All except Courses 1, 2, and 4 are open to Juniors and Seniors.

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: McDougall's *Outline of Psychology*.

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's *Intermediate Logic*.

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: Cunningham's *Problems of Philosophy*.

4. HISTORY OF PHILOSOPHY TO ST. AUGUSTINE

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: Thilly. Prerequisite: Course 3.

5. HISTORY OF PHILOSOPHY FROM ST. AUGUSTINE TO KANT

Three hours

Continuation of Course 4. Texts: Thilly, Calkins. Prerequisite: Courses 3 and 4.

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. Texts: Calkins, Randall. Prerequisite: Courses 3 to 5.

7. ETHICS *Three hours*

Lectures, discussions, and papers on the problems and methods in ethics with emphasis on the relation to religion and metaphysics. Papers. Text: Seth. Prerequisite: Courses 3 to 5.

8. METAPHYSICS *Three hours*

Lectures, discussions and papers. Text: Bradley's *Appearance and Reality*, Taylor's *Elements of Metaphysics*. Prerequisite: Courses 3 to 6.

Courses 6, 7 and 8 may be altered during 1928-'29 to suit the need of students.

PHYSICS

MR. MONSMA

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, \$3.00.

2. GENERAL PHYSICS *Four hours*

Electricity, sound and light. Three class periods and one laboratory period per week. Laboratory fee, \$3.00.

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. Given 1928-'29.

2. INTRODUCTION TO POLITICAL SCIENCE *Three hours*
Continuation of Course 1, which is prerequisite.

3. AMERICAN CONSTITUTIONAL LAW *Three hours*

Practical operation of Federal and state constitutions. The relations of government to the business and social interests of the people. Interpretation of the constitution by the various departments of the government. Given 1927-'28.

4. AMERICAN CONSTITUTIONAL LAW *Three hours*
Continuation of Course 3, which is prerequisite.

Courses 1 to 4 are open to Junior and Seniors.

PUBLIC SPEAKING

MR. SWETS

1. SPEECH-MAKING *Two hours*

The writing and delivery of short original speeches and orations to develop a direct, forceful, conversational style.

2. SPEECH-MAKING *Two hours*

Continuation of Course 1, together with a study of speech form and speech qualities.

5. INTERPRETATIVE READING *One hour*

The principles of interpretation and expression. Oral interpretation of representative selections before the class.

6. INTERPRETATIVE READING *One hour*

Continuation of Course 5.

5a. GREAT ORATORS *One hour*

Study of great English orators. Declarations and topical speeches.

6a. GREAT ORATORS *One hour*

Study of great American orators. Declamations and topical speeches.

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.

One hour of credit for not more than one semester is offered to students who participate in inter-collegiate oratorical contests.

DEBATING. Two hours of credit is given to students who take part in inter-collegiate debating and one hour for those who take part in the finals; that is, in the Broadman contest and as substitute in the inter-collegiate contest.

NORMAL DEPARTMENT

First Semester of Freshman Year

1. ENGLISH GRAMMAR *Three hours*

We use Kittredge and Farley. Both content and method are taken up. The latter is discussed in connection with investigations in language usages and grammar teaching in the elementary school in order to find answers to the questions, How much, what, and how?

3. INTRODUCTORY PSYCHOLOGY *Three hours*

A first course with some reference to the implications of psychology and pedagogy.

5. PRINCIPLES OF EDUCATION *Three hours*

A study of the aim of education and of the various underlying problems.

7. INTRODUCTION TO THE BOOKS OF THE BIBLE *Two hours*

A general propaedeutical introduction to the Bible as a whole, in which matters relating to its origin, nature, canonicity, authority, organic unity are investigated. A special introduction, inquiring into the contents, historical setting, literary form, and permanent ethical and religious values of each book. The Bible is used as source-book.

9a. (Economics) HUMAN AND ECONOMIC GEOGRAPHY *Three hours*

A study of man's adaptation to and control of 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.

9b. EUROPE SINCE 1815 *Three hours*

The general history of Europe since 1815, with emphasis on such topics as the revolutionary movement in France, the unification of Germany, the rise of Socialism. Discussion and assigned reading. Presupposes a high school course in General History.

11. THE JUNIOR HIGH SCHOOL *Three hours*

The development of this new unit of institutional education and its resulting characteristics as revealed in its curriculum, organization, and administration.

13. EXPRESSION *Two hours*

Study of the principles of vocal expression and interpretation. The analytical study of vowel and consonant sound. Story telling. Reading and oral interpretation of standard selections before the class.

Second Semester of Freshman Year

2. ENGLISH COMPOSITION *Three hours*

Both content and method are treated. Short themes weekly and one long theme. Method is discussed in view of elementary school practice.

4. PSYCHOLOGY *Three hours*

Course 3 or its equivalent is a prerequisite.

6. FUNDAMENTALS OR INTRODUCTION TO THE BIBLE *Two hours*

A continuation of Course 7.

8. MUSIC *Two hours*

Rudiments: The elements of music. Drill in notation, time and rhythmic values, scales and signatures. Introduction to school music.

10. HUMAN PHYSIOLOGY *Two hours*

A study of some vital phenomena occurring in man. The course is planned to meet the need of the Normal students.

12. PERSONAL HYGIENE *Two hours*

The care of the human body. This must be preceded or accompanied by Course 10. The course is planned to meet the need of the Normal students.

14. METHODS OF TEACHING HISTORY *Three hours*

The history of the United States will be briefly treated and the methods of teaching history from the lower grades through the upper grades with especial emphasis on the technique to be employed in the junior high school will be discussed.

First Semester of Sophomore Year

21. HISTORY OF EDUCATION *Three hours*

A brief survey of the history of education since the Middle Ages with particular emphasis both on the modern period and on American education.

23. METHODS OF TEACHING—General *Four hours*

Required texts: Parker's *General Method and Principles of Teaching* and Van der Kooy's *Distinctive Features of the Christian School*. These texts will be supplemented by class discussions about the characteristics of method in terms of the nature and the needs of children and of the types of learning and their laws.

25. PRINCIPLES OF TEACHING IN JUNIOR HIGH SCHOOL *Three hours*

Principles of teaching will be discussed in the light of Morrison's *The Practice of Teaching in the Secondary School*.

27. OBSERVATION TEACHING *Four hours*

Three hours are spent in the schools of Grand Rapids with specific instruction as to type of individual observation to be made. The fourth hour is devoted to conferences and class discussion of reports.

29. REFORMED DOCTRINE *Two hours*

A study of the fundamental doctrines of the Christian religion as contained in the Bible and reflected in the confessional standards of the Reformed Churches. No text-book is used but the Bible is taken as source-book. As reference works M. J. Bosma, *Reformed Doctrine* or W. Heyns, *Manual of Reformed Doctrine*, are recommended.

31. BIBLICAL ARCHAEOLOGY *Two hours*

A study of the geographical, social, civil, and religious conditions of the people among whom the Bible arose, especially the Hebrews. *The Student's Historical Geography of the Holy Land* by William Walter Smith and *Biblical Archaeology* by Louis Berkhof are used as texts.

33. PENMANSHIP *Two hours*

Theory and practice. The former of experimental type governing the nature of the latter. Freeman system. Blackboard writing emphasized.

Second Semester of Sophomore Year

24. METHODS OF TEACHING—SPECIFIC *Four hours*

The main emphasis will fall on the teaching of reading, Bible history, and geography. Required texts: Parker's *Types of Teaching and Learning in the Elementary School*, and Freeman's *Psychology of Common Branches*.

26. METHODS OF TEACHING J. H. S. *Three hours*

Both general and specific methods will be taken up in the light of Parker's and Douglas' books on methods of teaching in secondary schools.

28. OBSERVATION AND PRACTICE TEACHING *Four hours*

One of the four hours is devoted to practice teaching, each student being required to teach some twenty lessons each of twenty, thirty, forty, or more minutes in the Practice School, where the principal supervises and regulates all practice teaching.

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

The second hour is given to group observation of demonstration lessons in both public and private schools of the city of Grand Rapids.

The third hour is used for class discussions following these demonstration observations.

The fourth hour is set for individual observation, each student being urged to confine this observation to the grade or grades he intends to teach in the future. Written reports are required.

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

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

30. REFORMED DOCTRINE *Two hours*

Continuation of 29.

32. STUDIES IN CALVINISM *Two hours*

After a brief introduction inquiring into the origin and nature of Calvinism, its influence upon the development of religion, education, society, politics, ethics and art as well as the proper application of its principles in these spheres is investigated. The course will consist of lectures, assigned readings, and essays.

34. METHODS OF TEACHING ARITHMETIC *Three hours*

Both content and methods in arithmetic throughout the grades will be considered. The mathematics of the junior high school will receive major emphasis.

38. DRAWING *Two hours*

Lederer and Smith's *Course in Drawing* is used for practice and Sargent and Miller's *How Children Learn to Draw* for theory.

DEPARTMENT OF MUSIC

SEYMOUR SWETS

VOICE AND THEORY

1 and 2. RUDIMENTS *Two hours*

The elements of music. Drill in notation, time and rhythmic values, scales and signatures. 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 exercise. 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 text-book work.

6. HISTORY OF MUSIC *Three hours*

Continuation of Course 5.

7. SINGING

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. One twenty-five minute period a week. Semester fee: \$18.00.

8. SINGING

Continuation of Course 7. Semester fee: \$18.00.

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.

PIANO AND VIOLIN

Instruction in piano and violin will be offered if there is sufficient demand.

REGISTER OF STUDENTS

SENIORS

Beukema, Claus.....	Grand Rapids
Beute, Nicolas.....	Grant
Bolt, Otto.....	New Era
Bosch, John.....	Grand Rapids
Bouwsma, Agnes Josephine.....	Muskegon
Cremer, John Alfred.....	Grand Rapids
Dahm, Peter Francis.....	Pella, Iowa
De Borst, Janet Wilhelmina.....	Grand Rapids
De Young, Meindert Remaren.....	Grand Rapids
Frieswyk, Siebolt Dirk.....	Whitinsville, Mass.
Groteler, Harriet R.....	Grand Rapids
Holwerda, John Thomas.....	Grand Rapids
Kenbeek, John James.....	Detroit
Kerkhof, Jane Madeline.....	Grand Rapids
Koedam, John Paul.....	Edgerton, Minn.
Ledeboer, Jacob G.....	Pease, Minn.
Mellema, Dirk.....	Marion, N. Y.
Monsma, Peter.....	Grand Rapids
Oldenberg, Cornelius.....	Lakewood, Ohio
Pals, George.....	Hull, Iowa
Prins, Teunis.....	Holland
Radius, William Thomas.....	Chicago, Ill.
Ramaker, Gerald.....	Grundy Center, Iowa
Rottschafer, John O.....	Grand Rapids
Schipper, Gerrit.....	Holland
Slingerland, Gertrude.....	Grand Rapids
Star, Jeanette Gertrude.....	Grand Rapids
Stuart, Gezina.....	Grand Rapids
Tanis, Evert.....	Fremont
Tuls, John.....	Holland
Van Bruggen, Jacob.....	Chicago, Ill.
Vanden Bosch, John.....	Lismore, Minn.
Vander Klay, Hiram.....	Grand Rapids
Vander Mey, Dena.....	Grand Rapids
Vander Ploeg, Catherine.....	Grand Rapids
Van Laar, John.....	Rock Valley, Iowa
Van Loo, Jacob.....	Grand Rapids
Van Schouwen, Cornelius.....	Lansing, Ill.

Van Til, Sidney.....	Lansing, Ill.
Verspoor, Adrian William.....	Grand Rapids
Verspoor, Helene.....	Grand Rapids
Vertregt, Elizabeth.....	Grand Rapids
Vos, Marianne Catherine.....	Princeton, N. J.

JUNIORS

Bachman, Marie Rosalie.....	Grand Rapids
Batts, Martin.....	Grand Rapids
Berg, Marinus Anthony.....	Grand Rapids
Bielema, Roy Martin.....	Fulton, Ill.
Bolt, John A.....	Raymond, Minn.
Bontekoe, Julius Harold.....	Holland
Brinks, Marguerite E.....	Grand Rapids
Buddingh, Gerrit John.....	Byron Center
Bult, John Lucus.....	Rochester, N. Y.
De Blaey, Harry Kryn.....	Grand Rapids
De Boer, Peter.....	Grand Rapids
De Kryger, Diena.....	Fremont
De Vries, John.....	Grand Rapids
De Young, David Cornell.....	Grand Rapids
Drukker, Henry Raymond.....	Passaic, N. J.
Freriks, Dick J.....	Orange City, Iowa
Fridsma, Bernard.....	Clifton, N. J.
Fryling, Herman John.....	Grand Rapids
Fryling, Sophia Bouwena.....	Zuni, New Mex.
Griffioen, John.....	Grand Rapids
Hall, William.....	Grand Rapids
Hanenberg, Dewey P.....	Grand Rapids
Hoekstra, Henry Jeanne.....	Detroit
Hoekzema, Jack.....	Grand Rapids
Holstein, Louise Veldman.....	Chicago, Ill.
Joldersma, Garry.....	Holland
Jonkman, Gwendolyn.....	Grand Rapids
Keegstra, Enne.....	Holland
Kingma, Samuel E.....	Thayer, Ind.
Kortman, Alberta.....	Lucas
Ledeboer, Henry John.....	Raymond, Minn.
Ligtenberg, John.....	Armour, So. Dak.
Meyers, Mildred Pierce.....	Grand Rapids
Monsma, William John.....	Grand Rapids
Ondersluys, Clare Richard.....	Grand Rapids
Roelofs, Edward E.....	Raymond, Minn.
Roelofs, Sadie Gusta.....	Raymond, Minn.
Rooks, John Marion Girard.....	Grand Rapids
Rozeboom, Garrett Gene.....	Hull, Iowa
Schoolland, Cornelius Matthew.....	Grand Rapids

Schripsema, Herman.....	McBain
Slingerland, Pauline.....	Grand Rapids
Stuart, Johannes Ulke.....	Grand Rapids
Stuck, Sidney.....	Grand Rapids
Tinklenberg, Dick.....	Harrison, So. Dak.
Tinklenberg, Tony A.....	Edgerton, Minn.
Tubergon, Marie.....	Grand Rapids
Vander Kolk, Bert.....	Holland
Vander Mey, Jacob.....	Grand Rapids
Vander Stoep, Floris.....	Oak Harbor, Wash.
Van Rees, William.....	Sully, Iowa
Venhuizen, Aldert.....	Manhattan, Mont.
Vertregt, Wilhelmina.....	Grand Rapids
Voskuil, Louis Frederick.....	Baldwin, Wis.
Vredevoogd, Lawrence Edward.....	Grandville
Vroon, Simon.....	Grand Rapids
Westra, Jacob John.....	Grand Rapids
Wezeman, Edward.....	Nunica
Wybenga, Henry.....	Manhattan, Mont.
Yff, George.....	Chicago, Ill.
Zandstra, Bartell.....	Dyer, Ind.
Zierlyn, Katherine Janie.....	East Orange, N. J.
Zwaanstra, Henry.....	Shepherd, Mont.
Zwaanstra, John.....	Shepherd, Mont.

SOPHOMORES

Baas, Menno.....	Falmouth
Bakker, Andrew.....	East Saugatuck
Berens, Gertrude E.....	Hudsonville
Blom, Cornelia M.....	Taintor, Iowa
Boelema, Jacob.....	Grand Rapids
Boonstra, Catherine.....	Grand Rapids
Bos, Jessie.....	Grand Rapids
Bouma, Peter H.....	Inwood, Iowa
Bouwman, Rena.....	Grand Rapids
Brink, J. Herbert.....	Shaker Heights, Ohio
Broersma, John H.....	Grand Rapids
Cooper, Grace.....	Whitinsville, Mass.
Dalman, Jeanette.....	Grand Rapids
Dalman, Marian.....	Grand Rapids
De Boe, Cornelius Marinus.....	Holland
De Bree, Henrietta.....	McBain
De Groot, Renze.....	Volga, So. Dak.
De Haan, Henry.....	Grand Rapids
De Kok, John.....	Hudsonville
De Vries, Jake.....	Grand Rapids
Drost, Donald Joseph.....	Holland

Drost, Vincent Myrenus.....	Fremont
Faasen, Alton John.....	Holland
Faber, Morris Henry.....	Redlands, Cal.
Feenstra, Cornelia.....	Grand Rapids
Feenstra, Ruth.....	Grand Rapids
Folkertsma, Nathalie.....	Grand Rapids
Frankena, William.....	Zeeland
Fyneweaver, Glenn Julius.....	Holland
Haan, Enno Ralph.....	Grand Rapids
Hager, Ralph.....	Grand Rapids
Heeren, Josie.....	Grand Rapids
Heynen, Anthony.....	Hudsonville
Heynen, Ralph.....	Hudsonville
Hollander, James John.....	Sioux Center, Iowa
Holwerda, Raymond.....	Grand Rapids
Honderd, Peter.....	Grandville
Huizinga, John R.....	Grand Rapids
Hulstein, Neal.....	Sioux Center, Iowa
Kalsbeek, Helen.....	Grand Rapids
Keuning, Gerrit John.....	Harrison, So. Dak.
Keuning, Maynard.....	Harrison, So. Dak.
Klunder, Anne.....	Grand Rapids
Ludwig, Cornelius Emmett.....	Grand Rapids
Meeter, J. Arthur.....	Lansing, Ill.
Meyer, Henry.....	Grand Rapids
Michielsen, Catherine Fredrika.....	Holland
Nydam, Angeline.....	Chicago, Ill.
Oosterheert, Grace.....	Long Beach, Cal.
Oosterhof, Martha.....	Lowell, Wash.
Oosterhouse, Rosa.....	Grand Rapids
Paauwe, Adrian Dingness.....	West Sayville, N. Y.
Pastoor, William John.....	Grand Rapids
Pott, Clarence.....	Holland
Radius, Henry.....	Chicago, Ill.
Roelofs, Vernon William.....	Rennville, Minn.
Rooks, Josephine Gretta Kathryn.....	Grand Rapids
Rottier, Adrian Ralph.....	Highlands, Ind.
Rozema, Elsie.....	Grand Rapids
Ruster, Jeanette Christine.....	Grand Rapids
Schaap, Nelle.....	Lucas
Scholten, Martin.....	Holland
Schram, Henry Leonard.....	Grand Rapids
Shoemaker, Cornelia.....	Hudsonville
Smith, Jacob Peter.....	Grand Rapids
Steenland, William Cornelius.....	Grand Rapids
Stehouwer, Jeannette Bertha.....	Grand Rapids
Stehouwer, Orrie William.....	Hull, Iowa

Stevens, Henry.....	Fremont
Stob, George.....	Chicago, Ill.
Swets, Ethel.....	Grand Rapids
Thomasma, Evelyn Virginia.....	Grand Rapids
Vander Jagt, Peter.....	Grand Rapids
Vander Molen, Joan Victoria.....	Grand Rapids
Vander Schalie, Henry.....	Paterson, N. J.
Vander Tuin, Albert.....	Harrison, So. Dak.
Vander Wal, Della.....	Hudsonville
Vander Wall, Grace.....	New Era
Vander Wall, Ralph.....	New Era
Vander Ziel, Gerrit.....	Maurice, Iowa
Verhage, John.....	Sheboygan, Wis.
Ver Niel, Jemina.....	Sheboygan, Wis.
Vredevoogd, Elizabeth.....	Marion
Walters, Dick H.....	Zeeland
Weeda, Nellie Margaret.....	Grand Rapids
Wegman, Anna.....	San Francisco, Cal.
Westfield, John F.....	Grand Rapids
Westmaas, Lena.....	Marion
Westra, Jasper Dewey.....	Randolph, Wis.
Weyenberg, Henry.....	Hudsonville
Wezeman, Richard.....	Nunica
Wierenga, Richard Stephen.....	Grand Rapids
Wilderom, Morris.....	Grand Rapids
Wondergem, David.....	Sheboygan, Wis.
Woodworth, F. Elizabeth.....	Grand Rapids
Workman, Grace.....	Whitinsville, Mass.
Zylstra, Cornelius.....	Pella, Iowa

FRESHMEN

Ahuis, Alena Marguerite.....	Vesper, Wis.
Batts, Helen Theresa.....	Grand Rapids
Bloem, Frederick Henry.....	Prairie View, Kans.
Blystra, Nicholas.....	Chicago, Ill.
Bolt, Ralph Lambert.....	Whitinsville, Mass.
Bosker, Janet.....	Jenison
Bouwman, Gertrude.....	Zeeland
Brat, Hero.....	Holland
Breen, George Edward.....	Coopersville
Brink, Dorothy Jeanette.....	Cleveland, Ohio
Brink, John Evert.....	Holland
Buddingh, Roy.....	Byron Center
Clever, Johanna.....	Clifton, N. J.
Cooper, Anne.....	Whitinsville, Mass.
Damkot, Alice.....	Oostburg, Wis.
De Boer, Louis.....	Chicago, Ill.

De Jonge, James John.....	Grand Rapids
De Mooi, Crystine Elizabeth.....	Chicago, Ill.
De Vries, Jacob.....	Hull, Iowa
De Vries, Peter.....	Chicago, Ill.
Dirkse, Paul Richard.....	Grand Haven
Dragt, Gerrit.....	Grand Rapids
Egberts, Corneal.....	Grand Rapids
Engels, Gerbrand.....	Grand Rapids
Ezinga, Flora.....	Grand Rapids
Gesink, Christian.....	Denver, Colo.
Goldsword, Norman Meerman.....	Cleveland, Ohio
Goudzwaard, Marguerite Ruth.....	Grand Rapids
Groen, Gertrude.....	Hull, Iowa
Grotenhuis, Louis John.....	Cedar Grove, Wis.
Hamersma, John.....	Midland Park, N. J.
Hansma, Kenneth Peter.....	Grand Rapids
Haverkamp, William.....	Grand Rapids
Hekman, Henrietta.....	Grand Rapids
Herms, Floyd Herman.....	Moline
Heuver, Chester John.....	Cedar Grove, Wis.
Huisken, Frances Johanna.....	Edgerton, Minn.
Huizenga, Fred Martin.....	Dutton
Jelles, Nicholas.....	Grand Rapids
Kamper, Katie Ruth.....	Rudyard
Kapteyn, Arthur.....	Lansing, Ill.
Keessen, Philip Wesley.....	Lansing, Ill.
Kickert, Sarah Helen.....	South Holland, Ill.
Koops, Anne Marie.....	Grand Rapids
Kreulen, Henry.....	Grand Rapids
Krohne, Elsie Sibbelena.....	Hudsonville
Kuizema, Harmon John.....	Grand Rapids
Kunnen, Joe A.....	Fremont
Lamberts, Harvey Gerald.....	Grand Rapids
Lamberts, Jacob Justin.....	Fremont
Lieffers, Marguerite W.....	Grand Rapids
Lotterman, Hattie.....	Jenison
Lyons, Mary Martha.....	Elsie
Molenbeek, Marie Joanne.....	Grand Rapids
Mulder, Boyd Julius Russell.....	Grand Rapids
Nieuwdorp, John.....	Grand Rapids
Noordewier, Jeannette Anne.....	Grand Rapids
Oosterhouse, Alice Johanna.....	Shepherd, Mont.
Paauwe, Maude Mary.....	West Sayville, N. Y.
Piersma, Henry.....	Grand Rapids
Poel, Abel.....	Grand Haven
Pott, Jerry.....	Byron Center
Prince, Samuel.....	Chicago, Ill.

Prins, Luwiena.....	Grand Rapids
Ritzema, Helen.....	Grand Rapids
Ronda, Chester.....	Grand Haven
Rooks, Henry Corbyn.....	Grand Rapids
Rottier, John Martin.....	Highlands, Ind.
Schuurmann, Augusta Johanna.....	Orange City, Iowa
Smilde, John Christian.....	Oaklawn, Ill.
Spoelhof, William.....	Paterson, N. J.
Steen, Samuel Lambert.....	Paterson, N. J.
Steggerda, Orville Dale.....	Holland
Stehouwer, William Harold.....	Grand Rapids
Storm, Tressa Joan.....	Wyoming Park
Stuurman, D. Don.....	Lynden, Wash.
Timmermann, John.....	Paterson, N. J.
Van Appledorn, John Louis.....	Holland
Van Buren, John.....	Hebron, Ill.
Vanden Akker, Madeline.....	Whitinsville, Mass.
Vanden Berg, Esther Lucille.....	Grand Rapids
Vanden Berg, Jay.....	Grand Rapids
Vanden Berg, Mabel.....	Grand Rapids
Vander Burgt, Jennie.....	Hynes, Cal.
Vander Burgt, Sophie.....	Hynes, Cal.
Vander Meer, John.....	Chicago, Ill.
Vander Mey, William.....	Grand Rapids
Vander Ploeg, James.....	Oostburg, Wis.
Vander Schalie, John.....	Paterson, N. J.
Vander Vennen, Herman.....	Grand Rapids
Vander Vennen, Senetta.....	Grand Rapids
Vander Vliet, Teresa.....	Grand Rapids
Vander Waal, Gertrude.....	Grand Rapids
Vanderwall, Cora Grace.....	Grangeville, Idaho
Vander Zee, Gertrude.....	Whitinsville, Mass.
Vander Zwaag, Marinus.....	Spring Lake
Van Dyke, Dorothy Anne.....	Grand Rapids
Van Kuiken, Sophia.....	Grand Rapids
Van Laar, Gerard.....	Grand Rapids
Van Laar, Helen.....	Rock Valley, Iowa
Van Oosten, John.....	Grand Rapids
Van Polen, Jacob.....	Marion
Van Til, Claire.....	Fremont
Van Valkenburg, Cornelius.....	Grand Rapids
Van Vliet, Elizabeth Petronella.....	Holland
Van Wyen, Martha.....	West Sayville, N. Y.
Van Wyk, Cornelia.....	Grand Rapids
Van Zwoll, Richard John.....	Grand Rapids
Veldsma, Clarence Thomas.....	Grand Rapids
Venema, Jay.....	Grand Rapids

Verbrugge, John Cornelius.....	Chandler, Minn.
Verhulst, Theodore Peter.....	Sheboygan, Wis.
Vertregt, Marcellus.....	Grand Rapids
Volbeda, Frederick.....	Grand Rapids
Westing, Vina.....	Grand Rapids
Westveer, Anna.....	Grand Rapids
Yntema, Magdalena.....	Byron Center
Youngs, George Roderick.....	Grand Rapids
Wierenga, Florence Estelle.....	Grand Rapids
Werkema, Sidney Andrew.....	Grand Rapids
Zylstra, Andrew.....	Orange City, Iowa

UNCLASSIFIED

Butler, Cecelia Jane.....	Grand Rapids
Booth, Polly Rathbone.....	Grand Rapids
De Vrou, Jennie.....	Grand Rapids
De Young, Edward Morris.....	Grand Rapids
Guichelaar, John.....	Prairie View, Kans.
Haan, Raymond H.....	Kalamazoo
Heckman, Evelyn Louise.....	Grand Rapids
Hollander, Stephen.....	Grand Rapids

THE THEOLOGICAL SCHOOL

SEMINARY CALENDAR

1928

Beginning of Second Semester.....	January 13
Washington's Birthday.....	February 22
Day of Prayer.....	March 14
Spring Vacation.....	March 23, at noon, to April 2
Examination for Th. B. Candidates.....	April 2 and 3
Free Week for Seniors.....	May 7 to 12
Second Semester Examinations.....	May 14 to 25
Examinations before Board of Trustees.....	May 30 to June 1
Commencement.....	June 5

SUMMER VACATION

Matriculation of New Students.....	2 p. m., September 5
Registration for First Semester.....	September 6
Opening Exercises.....	2 p. m., September 6
Thanksgiving Recess.....	November 28, 29, 30
Christmas Vacation Begins.....	December 21, at noon

1929

Christmas Vacation Ends.....	January 8, at noon
First Semester Examinations.....	January 8 to January 16
Registration for Second Semester.....	January 17
Beginning of Second Semester.....	January 18

THE FACULTY

- The REV. FOPPE M. TEN HOOR
Professor Emeritus of Systematic Theology
918 Union Avenue, SE.
- The REV. WILLIAM HEYNS
Professor Emeritus of Practical Theology
1319 Sigsbee Street, SE.
- The REV. LOUIS BERKHOF, B. D.
Professor of Dogmatic Theology
834 Worden Street, SE.
- The REV. SAMUEL VOLBEDA, Th. D., *Secretary*
Professor of Practical Theology
811 Geneva Avenue, SE.
- The REV. CLARENCE BOUMA, A. M., Th. D., *Rector*
Professor of Ethics and Apologetics
925 Alexander Street, SE.
- The REV. MARTIN J. WYNGAARDEN, A. M., B. D., Ph. D.,
Registrar
Professor of Exegetical Theology; Old Testament
1144 Chippewa Drive, SE.
- The REV. HENRY SCHULTZE, A. B., B. D.
Professor of Exegetical Theology; New Testament
945 Sherman Street, SE.
- BAREND K. KUIPER, A. B., Theol. Doctorandus
Professor of Historical Theology
1032 Thomas Street, SE.

STANDING COMMITTEES OF THE FACULTY

- On Discipline*—Professors Volbeda and Schultze.
- On Library*—Professors Wyngaarden, Berkhof, and Bouma.
- On Dormitory*—Professors Schultze and Kuiper.
- On Commencement, Lectures and Entertainments*—Professors Volbeda and Kuiper.
- On Publication and Schedules*—Professor Bouma.

GENERAL INFORMATION

Aim and Standpoint.—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 1928-'29 begins the first week in September. On Wednesday, September 5, 1928, all new students must present themselves for matriculation. The formal opening of the Seminary occurs in the afternoon of Thursday, September 6.

Admission.—Every person who wishes to matriculate as a regular student of the Seminary must present the following to the Faculty at its meeting held on Wednesday, September 5, 1928.

- (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.
- (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. Those who cannot present a diploma of the Pre-Seminary Course of the Theological School and Calvin College are required to present a statement of their college credits. **Such credits must be in the hands of the Registrar before August 1.**
- (4) In addition to this, students from schools other than Calvin College must furnish proof that they have the two units of High School German to their credit which are required for admission to the Pre-Seminary Course of Calvin College.

Special Students.—Anyone not looking forward to candidacy in the Christian Reformed Church and desirous of taking either a full or a part time course in the Seminary can be enrolled as a special student.

The following rules shall govern the cases of such special students:

- (1) For admission they shall present a certificate of good moral character issued by some consistory, faculty, or other responsible body. If the applicant comes from some other school he is also to present a statement of honorable dismissal.
- (2) As long as they are special students they shall not be eligible for licensure in our churches.
- (3) If at any time during their course of theological study they should change their mind and decide to become candidates for the ministry in the Christian Reformed Church, they shall have to submit to the regular examination(s) for that purpose before the Board of Trustees and shall not be able to graduate unless they have met all the requirements both of the pre-seminary and of the regular seminary course.

- (4) They shall pay tuition at the rate required of those college students that are not studying for the ministry in the Christian Reformed Church, and they shall not be entitled to any refund if at any time during their seminary course they should decide to become candidates for the ministry in the Christian Reformed Church.
- (5) Under the above conditions anyone can attend the classes of the Theological School but only those who satisfy the regular entrance requirements, or offer their academic equivalents, can receive credit for their work.

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 Registrar 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.

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 decides on the promotion and graduation of Seminary students.

Th. B. Degree.—The Th. B. degree is conferred upon all students who successfully complete the regular three year course of theological study, subject, however to the following conditions:

- (1) Only those who hold an A. B. degree are eligible.
- (2) A course counted as credit toward one degree cannot be so counted toward another degree.
- (3) An average standing of B- (B minus) must be maintained throughout the entire theological course.
- (4) Anyone who has had a condition or a failure in any subject shall not be eligible.
- (5) If a student has had one or two standings lower than D, it shall be in the discretion of the Faculty whether he is entitled to the degree or not.
- (6) All candidates for the Th. B. degree must successfully pass an oral examination before the entire Faculty sometime during the second semester of their senior year.

The diploma fee is ten dollars, to be paid before the final examinations are taken.

Graduation Diploma.—Anyone who successfully completes the regular three year course of theological study

but does not satisfy the requirements for the Th. B. degree, is awarded a graduation diploma.

As in the case of the Th. B. diploma, the fee is ten dollars and must be paid before the final examinations are taken.

Religious Culture.—Devotional exercises are held daily from 2:15 to 2:30. with either a faculty member or a student in charge.

Every student is visited at least once annually by one of the professors. Each professor shall consider those students who in any given year are assigned to him for a personal call as also entrusted to his personal interest and spiritual care throughout the current school year. Accordingly each student is requested to look upon his calling professor as his personal advisor for that year. The faculty members are ever ready to furnish whatever helpful guidance they can in this way.

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 fellowship, to cultivate Christian character, to foster scientific effort, and to stimulate beneficial discussion.

Prize Essay in Missions.—Through the courtesy of the Men's Bible Class of the Bethany Church at Muskegon a first prize of thirty dollars (\$30.00) and a second prize of twenty dollars (\$20.00) is offered annually for the two best essays on any missionary subject. Competition for these prizes is open to both college and seminary students. Essays must be handed in either to the college president or to Professor Volbeda, who are also ready to give further information regarding the conditions governing the awarding of this prize.

Information.—For further information apply to the Rector, Prof. Clarence Bouma, 925 Alexander St., SE., Grand Rapids, Michigan.

All correspondence pertaining to matters of admission and credits must be addressed to the Registrar, Prof. M. J. Wyngaarden, 1144 Chippewa Drive, SE., Grand Rapids, Michigan.

COURSES OF STUDY

OLD TESTAMENT

PROFESSOR WYNGAARDEN

Introduction to the Pentateuch and the Writings.—A general introduction to the canonical scriptures of the Old Testament is here given, taking up the canon and the text. The special introduction to the Pentateuch includes its contents, authorship, composition, history, purpose, inspiration and canonical significance. Special attention is given to the Pentateuchal Problem. The special introduction to the Hagiographa, or "Sacred Writings", covers certain poetic books, including Psalms, Proverbs, Job; and the Five Rolls,—Song of Songs, Ruth, Lamentations, Ecclesiastes, Esther, as well as the group, Daniel, Ezra, Nehemiah and Chronicles. Lectures; discussions; quizzes; collateral reading from Kuypers' "Encyclopædia of Sacred Theology", on Canonicity; Orr's "The Problem of the Old Testament"; Raven's "Old Testament Introduction"; and Kyle's "The Problem of the Pentateuch, a New Solution by Archaeological Methods".

For Juniors and Middlers. Two hours. Second Semester, 1928-'29.

Introduction to the Prophets.—Lectures on prophecy, in general, as well as on the individual books; supplemented by collateral reading from Raven's "Old Testament Introduction"; Orr's "The Problem of the Old Testament"; and Aalders' "De Profeten des Ouden Verbonds".

For Juniors and Middlers. Two hours. Second Semester, 1927-'28.

Sacred History from Creation to Samuel.—The more important events, subjects and problems are considered from the standpoint of special revelation. Lectures; discussions; quizzes; collateral reading from Sillevius Smitt's "Handboek der Heilige Geschiedenis"; and, especially for the Assyrian and Egyptian inscriptions that illuminate the history, Barton's "Archæology and the Bible"; and Noordtzijs' "Gods Woord en der Eeuwen Getuigenis".

For Juniors and Middlers. Two hours. First Semester, 1928-'29.

Sacred History from Saul to Malachi.—Lectures; discussions; quizzes; and collateral reading from Sillevius Smitt's "Handboek der Heilige Geschiedenis"; Barton's "Archæology and the Bible"; and Noordtzijs' "Gods Woord en der Eeuwen Getuigenis".

For Junior and Middlers. Two hours. First Semester, 1927-'28.

O. T. Biblical Theology.—The point of view from which this course is given is that of the History of Revelation. Meanwhile an acquaintance is made with the manner in which Biblical Theology is treated when considered as the history of the religion of Israel. Lectures; discussions; quizzes; and collateral reading from Oehler's "Old Testament Theology", and Davidson's "Old Testament Theology".

For Seniors. Three hours. First Semester. Every year.

O. T. Exegesis.—Interpretation of selected sections of the Hebrew Old Testament. The course includes word studies, assigned to the students from the material to be exegeted; a careful study of the original, and a synthetic interpretation. An exegetical essay, or some part of the Hebrew Old Testament is also assigned to each student. Throughout the course, emphasis is laid upon the application of strictly scientific methods in exegetical study.

For Middlers and Seniors. Two hours. Second Semester. Every year.

Hebrew I.—The first year is devoted to the careful study of Harper's "Method and Manuel", and the "Elements of Hebrew", as revised by J. M. Powis Smith.

For Juniors. Three hours. Both Semesters. Given every year.

Hebrew—Exegesis II.—Davidson's "Hebrew Grammar" is studied, and portions of the prophetic or historical books are read, for the purpose of acquiring a more extended vocabulary, and familiarity with the principles of syntax as they are illustrated in the text. Attention is given to some Old Testament passages to promote exegetical method.

For Middlers. Two hours. First Semester. Given every year.

Semitic Electives.—Any one of the following may be taken: Reading of Isaiah 40-66; Textual Criticism; Arabic; Aramaic; Assyrian; Hebrew Inscriptions.

Offered as electives. Credit of three semester hours.

Messianic Prophecies and Their Fulfilment.—One hour is devoted to the Messianic prophecies and one hour to their New Testament fulfilment. A thesis takes the place of the third hour of the course. This course is offered jointly by the professors of the New Testament and the Old Testament departments.

Offered as elective. Credit of three semester hours.

Problems in O. T. Biblical Theology.—The Call-experience of the O. T. Prophets and Leaders; O. T. Psychology; Immortality in the O. T.; the Ethics of the O. T.; the Faith of the O. T. Saints; Imputation in the O. T.; the Servant of Jehovah in Isajah; O. T. Eschatology.

Offered as elective. Credit of three semester hours.

Problems of O. T. Introduction.—Opportunity is here given for a more specialized study of the Pentateuchal Problem; the Isaianic Problem; and other themes.

Offered as elective. Credit of three semester hours.

NEW TESTAMENT

PROFESSOR SCHULTZE

Introduction to the Historical Books of the New Testament.—A study of the contents, genuineness, integrity, characteristics, author, composition, and significance of the N. T. Historical books. Special study is made of the more important critical problems. Text, assigned reading, and lectures.

For Middlers and Juniors. Two hours. First Semester, 1928-'29.

Introduction to the Epistles of the N. T. and the Apocalypse.—A study of the various epistles of the N. T. and of the Revelation of John from the point of view of their contents, genuineness, integrity, characteristics, author, composition, and significance in the canon. Due attention is given to the critical questions to which N. T. scholarship has given rise. Text, collateral reading, and lectures.

For Middlers and Juniors. Two hours. Second Semester, 1928-'29.

Gospel History.—A discussion of the life and time of Jesus as they are presented in the Gospels. A general knowledge of the life of Christ is assumed. Special emphasis will be placed upon the problems associated

with the Gospel History. Lectures, assigned reading, and discussions.

For Middlers and Juniors. Two hours. First Semester, 1927-'28.

Apostolic History.—This course deals with the founding and growth of the Christian Church as they are given to us in the Acts of the Apostles and in the N. T. Epistles. Questions of a critical character will be examined and discussed. Lectures, collateral reading, and discussions.

For Middlers and Juniors. Two hours. Second Semester, 1927-'28.

Biblical Hermeneutics.—A study of biblical interpretation from the viewpoint of its history, principles, methods, rules, and requisites. Selected Scripture passages are assigned for practice in applying special hermeneutical rules. Text and discussions.

For Juniors. Three hours. Second Semester. Given each year.

N. T. Exegesis I.—A course designed for those beginning the work of biblical interpretation. The central aim is the development of proper exegetical methods. Select passages are interpreted under direct supervision of the instructor. The Greek text is used.

For Middlers. Two hours. First Semester. Given each year.

N. T. Exegesis II.—This course assumes a working knowledge of hermeneutical methods. The interpretation of assigned portions of the Greek N. T. is required of the student. His methods and results are discussed in class with a view to developing greater proficiency.

For Seniors. Two hours. First Semester. Given each year.

N. T. Biblical Theology.—This course consists of a historical study of the theology of the various New Testament characters. Special stress is placed on the teachings of Jesus in the Synoptics and the 4th Gospel, of Paul in his Epistles and of John in the Johannine Literature. Text, lectures and discussions.

For Seniors. Three hours. Second Semester. Given each year.

The Period Between the O. and the N. Testaments.—A course dealing with the political, social, and religious

history of Israel from the exile to the advent. It is designed to give the student the background of the Gospels. Assigned reading, lectures and discussions.

Offered as elective. Credit of three semester hours.

HISTORICAL THEOLOGY

PROFESSOR KUIPER

Ancient Church History.—For all classes. Three hours. Given the First Semester, 1928-'29.

Mediaeval Church History.—For all classes. Three hours. Given the First Semester, 1929-'30.

Modern Church History.—For all classes. Three hours. Given the First Semester, 1927-'28.

General American Church History.—For Middlers. Two hours. Second Semester. Given every year.

Denominational American Church History: The Christian Reformed Church.—For Seniors. Two hours. Second Semester. Given every year.

History of Missions.—For Juniors. One hour. Second Semester. Given every year.

Christian Reformed Origins.—Offered as an elective. Credit of three semester hours.

In each of these courses it is aimed to cover the subject by way of lectures, the study of a prescribed text-book, assigned collateral reading, class papers and discussions, quizzes and tests.

DOGMATIC THEOLOGY

PROFESSOR BERKHOF

History of Doctrine.—This course aims at tracing the development of Christian doctrine throughout the ancient mediæval, and modern periods. Special attention is paid to the great dogmas of the Trinity, the Person of Christ, Sin and Grace, and the Atonement. Lectures, assigned reading, and tests.

For Juniors. Three hours. First Semester. Given every year.

Introduction to Dogmatics.—This course deals with the fundamental problems underlying Dogmatics, such as those of religion and theology, of revelation and inspiration, and of faith and its certainty. It serves as a preparation for the study of Dogmatics proper. Lectures, assigned reading, discussion and quizzes.

For Juniors. Three hours. Second Semester. Given every year.

Dogmatics.—The special aim of this course is to show how the various dogmas were derived from Scripture, to set forth their proper meaning, to defend them against error, and to bring out the relation in which they stand to one another as parts of a single system. The whole field is covered in two years. In 1927-'28 Theology, Anthropology, and Christology are studied. Lectures, and as collateral reading Bavinck's "Gereformeerde Dogmatiek."

For Seniors and Middlers. Three hours throughout the year.

Symbolics.—This course aims at a historical and doctrinal study of the symbolical writings of the most important churches, and particularly of those of the Reformed churches. Textbook, lectures, discussions, and assigned reading.

Offered as elective. Credit of three semester hours.

ETHICS AND APOLOGETICS

PROFESSOR BOUMA

Theological Encyclopedia.—This course deals especially with the presuppositions, the distinctive character, and the object of theological science. In the attempt to answer the question what theology really is, the relation between philosophy and theology is discussed. The standpoint of faith and the recognition of a supernatural revelation as the rule of faith. The relations of reason and faith. The principles, methods, history, and literature of the various phases of theological study. Lectures, assigned reading, discussions and quizzes.

For Juniors. Three hours. Second Semester. Given every year.

Christian Theism.—This is a course in Fundamental Apologetics. Its aim is the vindication of the Christian theistic view of the world and of life over against the outstanding atheistic, pantheistic, and agnostic currents of present-day religious thought. Lectures, assigned reading, discussions and tests.

For Seniors and Middlers. Three hours. First Semester, 1928-'29.

Fundamental Christian Ethics.—The distinctive character and the fundamental principles of Christian Ethics. The presuppositions of the Christian moral life. The Christian *Summum Bonum*. The basis and psychological initiation of the Christian moral life. Individual Christian Ethics: Christ and Christian character. New Testament Ethics. Virtues and duties.

For Seniors and Middlers. Three hours. Second Semester, 1928-'29.

Applied Christian Ethics.—This course deals with the application of the Christian principles to life, especially to the outstanding social problems of our times. The decalogue in its modern application. The family; marriage and divorce; the position of woman. The state; internationalism; war and pacifism; freedom of speech. Crime and penology. Socialism and the labor problem. The race problem. The standpoint and approach in the discussion of these problems is throughout not that of sociology but that of Christian Ethics. Lectures, assigned reading, discussions, and papers.

For Seniors and Middlers. Three hours. Second Semester, 1927-'28.

The Ethnic Religions and Christianity.—This course in Comparative Religion (or, Elenctics) deals with the non-Christian religions and the problem these present to the intelligent adherent of Christianity. The Chinese religions, Buddhism, Hinduism, and Mohammedanism are studied, and the religion of Navaho and Zuni as well as that of the tribes of West Africa receive some attention. The standpoint of the finality of the Christian religion is maintained throughout and the implications of this position are discussed. The current evolutionary view of the origin and the development of all religions receives critical consideration in the light of the biblical view of the subject. Lectures, assigned reading, discussions, papers.

For Seniors and Middlers. Three hours. First Semester, 1927-'28.

Polemics.—This course deals critically with the standpoint and principles of the various sects, denominations, and religious movements in present-day historic Christendom. The doctrinal and ethical implications of these various groups or movements are evaluated and criticized from the standpoint of biblical Christianity as interpreted in the principles of the Reformed Theology. The essence of Calvinism and the principles of the non-Calvinistic groups in the age of the Reformation. In connection with the historical denominations Modernism and Orthodoxy (Fundamentalism) are discussed. Such sects and movements as Mormonism, Christian Science, Theosophy, Anthroposophy, etc., receive due attention.

Offered as an elective. Credit of three semester hours.

Psychology of Religion.—The significance, value, and limitations of the psychological study of religion. Various types of religious experience. A critical discussion of the psychologism of our day. The value of the psychological point of view for the Christian faith. Biblical psychology. Conversion as a psychological phenomenon.

Offered as an elective. Credit of three semester hours.

The Theory of Evolution and the Christian Faith.—Offered as elective. Credit of three hours.

Modern Idealistic Philosophy and the Christian Faith.—Offered as elective. Credit of three hours.

PRACTICAL THEOLOGY

PROFESSOR VOLBEDA

The Principles of Presbyterian Church Polity.—Study of the distinctive features, biblical ground, and historical development of Presbyterianism.

For Middlers and Seniors. Four hours. Second Semester, 1928-'29.

Survey Course in Non-Presbyterian Ecclesiastical Systems.—Study of the essential features of Hierarchical, Episcopal, Territorial, Congregational, and Collegialistic Church Polity.

For Middlers and Seniors. Four hours. Second Semester. Not given 1927-'28.

The Principles of Public Worship.—Study of the Scriptural basis, typical features, and religious psychology of congregational worship.

For Junior. Two hours. First Semester. Given every year.

History of Liturgical Institutions.—Study, *inter alia*, of the Rise and Principles of the Mass; the Liturgical controversy in the English church in the 16th century; Psalmody; Hymnology.

For Juniors. Two hours. First Semester. Not given 1927-'28.

The Principles of Preaching.—Study of the biblical foundations and the specific character of the public administration of the Word of God.

For Junior. Two hours. First Semester. Given every year.

The History of Preaching.—Study of the Pulpit in history: leading representatives, their homiletical principles and methods, and homiletical anthology.

For Juniors. Two hours. First Semester. Not given 1927-'28.

Practice Preaching and Homiletical Criticism.—Preparation, Delivery, and Criticism of Sermons.

For all classes. One hour. Both Semesters. Given every year. (Juniors second semester only.)

The Principles of Catechetics.—Study of the educational implications of the Covenant-Membership of the children of Believers.

For Middlers and Seniors. Two hours. Second Semester, 1927-'28.

History of the Catechumenate.—Study of the ecclesiastical attitude to the religious training of the Covenant youth assumed in the course of Christian history.

For Middlers and Seniors. Second Semester. Not given 1927-'28.

The Principles of Poimenics.—Study of the Scriptural grounds, religious character and psychological approach to the pastoral care of "the flock of God".

For Middlers and Seniors. One hour. Second Semester, 1927-'28.

History of the Cure of Souls.—Study of the Pastoral Ideals and Practice of the Christian churches in the past.

For Middlers and Seniors. One hour. Second Semester. Not given 1927-'28.

The Principles of Missions.—Study of the Scriptural Idea and Warrant of Ecclesiastical Missions.

For Seniors. Three hours. First Semester. Offered every year. To prospective missionaries only.

Problems of Missionary Practice.—Study, *inter alia*, of the application of the canons of Christian life to missionary converts.

For Seniors. Three hours. First Semester. For prospective missionaries only. Not given 1927-'28.

Electives offered: (Three semester hours credit.)

1. The Ministry of the Laity.
2. Ecclesiastical Marriage and Divorce Legislation.
3. The Church Order of the Christian Reformed Church and Practical Problems in Church Government.

THE WORK OF THE CLASSES

First Semester, 1927-'28

Department	Subjects	Hours of Juniors	Hours of Middlers	Hours of Seniors
Old Testament	Hebrew	3		
	Hebrew and Exegesis.....		2	
	O. T. History.....	2	2	
	O. T. Biblical Theology.....			3
New Testament	N. T. History.....	2	2	
	N. T. Exegesis.....		2	2
	N. T. Elective.....			3*
Hist. Theology	Gen. Church History.....	3	3	3
	Dogmatics			
Dogmatics	History of Doctrine.....	3		
	Dogmatics		3	3
	Symbolics			3*
Ethics and Apologetics	Comparative Religion.....		3	3
	Practical Theology			
Practical Theology	Homiletics	2		
	Liturgics	2		
	Applied Homiletics.....		1	1
	Total Hours.....	17	18	18

* Electives. Those Seniors who took the one elective did not take the other.

THE WORK OF THE CLASSES

Second Semester, 1927-'28

Department	Subjects	Hours of Juniors	Hours of Middlers	Hours of Seniors
Old Testament	Hebrew	3		
	O. T. Exegesis.....		2	2
	O. T. Isagogics.....	2	2	
New Testament	Hermeneutics	3		
	N. T. History.....	2	2	
	N. T. Biblical Theology.....			3
Hist. Theology	American Church History.....		2	
	Chr. Ref. Church History.....			2
	History of Missions.....	1		
Dogmatics	Intro. Dogmatics.....	3		
	Dogmatics		3	3
Ethics and Apologetics	Encyclopedia	3		
	Ethics		3	3
Practical Theology	Catechetics		2	2
	Poimenics		1	1
	Practice Preaching.....	1	1	1
	Total Hours.....	18	18	17

REGISTER OF STUDENTS

SENIORS

Name	Residence
Joe Betten.....	Grand Rapids
Clarence Groot.....	Grand Rapids
Dewey James Hoitenga.....	Ogilvie, Minn.
Jacob Tunis Hoogstra.....	Paterson, N. J.
Jacob M. Kooyers.....	Grand Rapids
Henry Rikkers.....	Hull, Iowa
Marvin John Vanderwerp.....	Prairie City, Iowa
*William Van Peursesem.....	Orange City, Iowa
Peter Vos.....	Kelloggsville

MIDLERS

Andrew Randolph Banning.....	Whitinsville, Mass.
Ruben S. DeHaan.....	Grand Rapids
Menzo Dornbush.....	Jenison
John Geels.....	Orange City, Iowa
John Hanenburg.....	Grand Rapids
Adam Persenaire.....	Grand Rapids
Leonard Verduin.....	Grand Rapids
John Weidenaar.....	Chicago, Ill.
Cornelius Witt.....	Grand Rapids

JUNIORS

Martin A. Bolt.....	Raymond, Minn.
Brant Bruxvoort.....	Taintor, Iowa
John Henry DeGroot.....	Passaic, N. J.
Frank DeJong.....	Orange City, Iowa
Nick DeVries.....	Grand Rapids
Arie Disselkoen.....	Grand Rapids
John Guichelaar.....	Prairie View, Kan.
**Raymond Haan.....	Kalamazoo
Peter Holwerda.....	Grand Rapids
Jacob Hoogland.....	Manhattan, Mont.
Rens H. Hooker.....	Fremont
Gareth S. Kok.....	Randolph, Wis.
Charles E. F. De Waal Malefijt.....	Grand Rapids
John Frederick Schuurmann.....	Middleburg, Iowa
Ring Star.....	Corsica, S. Dak.
William VandeKieft.....	Rock Valley, Iowa
Bert VandenBrink.....	Grand Rapids
Cornelius B. VanderHart.....	Pella, Iowa
John VanderPloeg.....	Grand Rapids
Conrad R. Veenstra.....	Muskegon
Joe Zandstra.....	Dyer, Ind.

Total Enrolment 39

*Mr. Van Peursesem is a special student of Graduate-Senior standing.

**Mr. Haan is a special student taking part work in the College and part in the Seminary.