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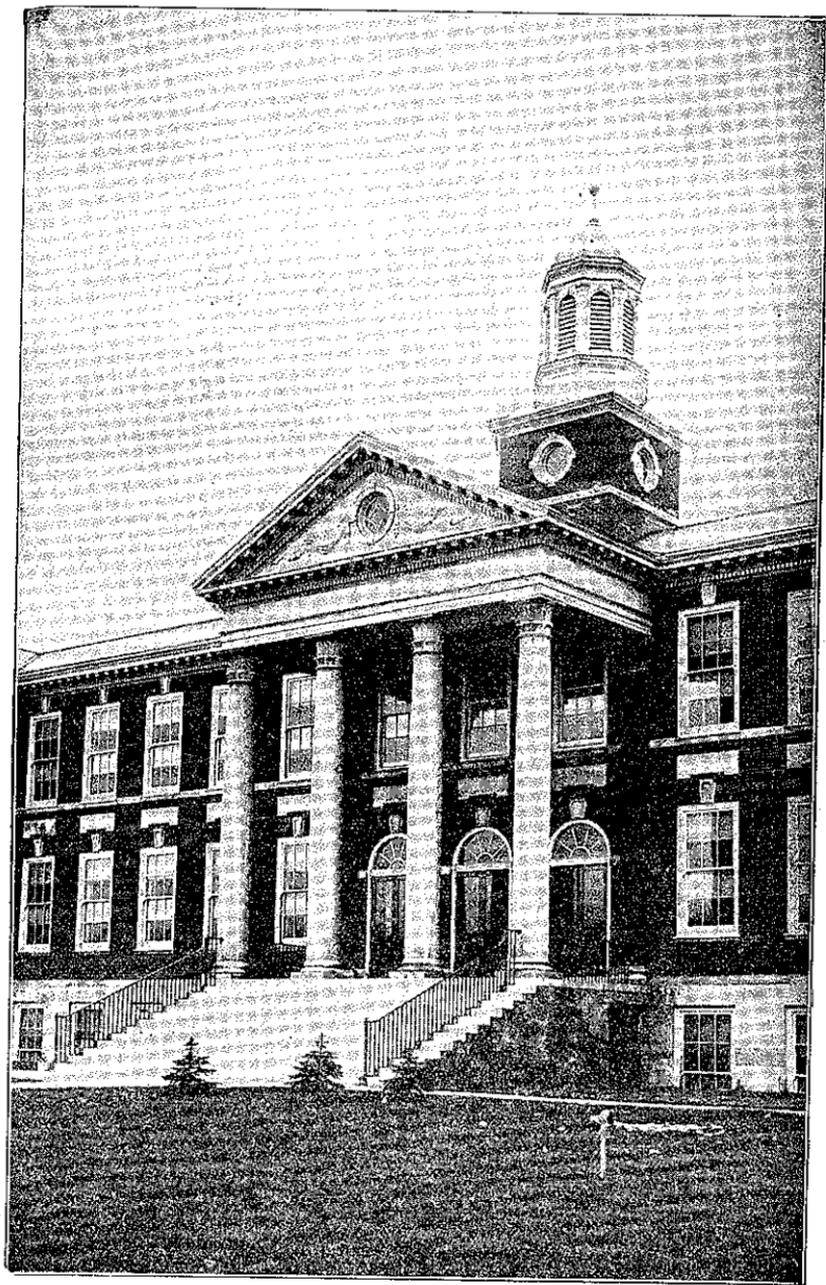
THEOLOGICAL SCHOOL AND
CALVIN COLLEGE

GRAND RAPIDS, MICH.

An Institution of the
Christian Reformed
Church

1928 -- 1929





Main Entrance, Calvin College

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The Rev. H. J. Kuiper.....	Secretary
The Rev. L. J. Lamberts.....	Assistant Secretary

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	Residence	Term Expires
The Rev. J. De Jong.....	Ripon, Cal.	1932
The Rev. M. M. Schans.....	Redlands, Cal.	1930

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The Rev. W. P. Van Wijk.....	Grand Rapids, Mich.	1930

CLASSIS GRAND RAPIDS WEST

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The Rev. Y. P. De Jong, Th. D.....	Grand Rapids, Mich.	1930

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The Rev. D. De Beer.....	Passaic, N. J.	1930

CLASSIS HOLLAND

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The Rev. D. Zwier.....	Holland, Mich.	1930

CLASSIS HUDSON

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

CLASSIS ILLINOIS

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The Rev. J. J. Weersing.....	Cicero, Ill.	1930

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The Rev. L. J. Lamberts.....	Fremont, Mich.	1930

CLASSIS ORANGE CITY

	Residence	Term Expires
The Rev. N. Monsma.....	Orange City, Iowa.....	1932
The Rev. T. Vander Ark.....	Edgerton, Minn.....	1930

CLASSIS OSTFRIESLAND

The Rev. D. H. Plesscher.....	Kanawha, Iowa.....	1932
The Rev. A. D. Folkema.....	Ackley, Iowa.....	1930

CLASSIS PACIFIC

The Rev. P. Jonker, Jr.....	Lynden, Wash.....	1932
The Rev. J. Mulder.....	Nobleford, Alta., Canada.....	1930

CLASSIS PELLA

The Rev. I. Van Dellen.....	Denver, Colo.....	1932
The Rev. J. M. Byleveld.....	Cawker City, Kans.....	1930

CLASSIS SIOUX CENTER

The Rev. J. K. Van Baalen, B. D. Pease, Minn.....	1932	
The Rev. J. H. Geerlings.....	New Holland, S. Dakota.....	1930

CLASSIS WISCONSIN

The Rev. H. Moes, B. D.....	Waupun, Wis.....	1932
The Rev. W. De Groot, B. D.....	Racine, Wis.....	1930

CLASSIS ZEELAND

The Rev. W. Kok.....	Zeeland, Mich.....	1932
The Rev. E. J. Krohne.....	Hudsonville, Mich.....	1930

SUPERVISORY COMMITTEE

The Rev. H. J. Kuiper, Pres.	The Rev. L. J. Lamberts, Sec'y
The Rev. L. Veltkamp	The Rev. J. Bruinooge
The Rev. E. J. Krohne	

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Mr. Fred L. Winter	Mr. John Hekman
Mr. G. J. Rooks	Mr. T. Noordewier
Dr. A. B. Poppen	

COMMITTEE ON BUILDINGS AND GROUNDS

Mr. B. W. Hertel	The Rev. W. P. Van Wijk	Mr. N. Brander
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The Rev. John Vander Mey, Educational Sec'y.....	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 Henrietta Korfker, Clerk.....	1032 Powers Ave., NW.

THE THEOLOGICAL SCHOOL

SEMINARY CALENDAR

1929

Beginning of Second Semester.....	January 14
Washington's Birthday.....	February 22
Day of Prayer.....	March 13
Spring Vacation.....	March 22, at noon, to April 1
Examination for Th. B. Candidates.....	April 1 and 2
Free Week for Seniors.....	May 6 to May 11
Second Semester Examinations.....	May 13 to May 24
Examinations before Board of Trustees.....	May 29 to May 31
Commencement.....	June 4

SUMMER VACATION

Matriculation of New Students.....	2 p. m., September 4
Registration for First Semester.....	September 5
Opening Exercises.....	2 p. m., September 5
Thanksgiving Recess.....	November 27, 28, 29
Christmas Vacation Begins.....	December 20, at noon

1930

Christmas Vacation Ends.....	January 7, at noon
First Semester Examinations.....	January 7 to 15
Registration for Second Semester.....	January 16
Beginning of Second Semester.....	January 17
Washington's Birthday.....	February 22
Day of Prayer.....	March 12
Spring Vacation.....	March 21, at noon, to March 31
Examination for Th. B. Candidates.....	March 31 and April 1 and 2
Free Week for Seniors.....	May 5 to May 10
Second Semester Examinations.....	May 12 to May 23
Examinations before Board of Trustees.....	May 28 to May 30
Commencement.....	June 3

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., SECRETARY
Professor of Dogmatic Theology
834 Worden Street, SE.
- The REV. SAMUEL VOLBEDA, Th. D.
Professor of Practical Theology
811 Geneva Avenue, SE.
- The REV. CLARENCE BOUMA, A. M., Th. D.
Professor of Ethics and Apologetics
1511 Seminole Road, SE.
- The REV. MARTIN J. WYNGAARDEN, A. M., B. D., Ph. D.,
REGISTRAR, RECTOR, 1928-1929.
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.
- The REV. DIEDRICH H. KROMMINGA, A. B.
Professor of Historical Theology
937 Alexander Street, SE.

STANDING COMMITTEES OF THE FACULTY

- On Discipline*—Professors Volbeda and Schultze.
- On Educational Policy, Credits and Registration*—Professors Wyngaarden, Bouma, and Schultze.
- On Library*—Professors Wyngaarden, Berkhof, and Bouma.
- On Dormitory*—Professors Schultze and Kromminga.
- On Commencement, Lectures and Entertainments*—Professors Volbeda and Kromminga.
- 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 Christian Reformed Church.

Opening.—The school year of 1929-'30 begins the first week in September. On Wednesday, September 4, 1929, all new students must present themselves for matriculation. The formal opening of the Seminary occurs in the afternoon of Thursday, September 5.

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 4, 1929.

- (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.

Special Graduate Students.—Anyone having finished a regular three year course of theological study may enroll as a special graduate student. Such special graduate students may pursue courses listed as electives (See courses numbered from 21 upward in the various departments), or also certain senior courses. The following rules apply to such students who have completed our three year course of theology and desire to obtain the Th. B. degree. (All other cases of special graduate students shall be taken up and passed upon by the Faculty on their own merits.)

- (1) All the conditions governing the granting of the Th. B. degree to regular students shall apply. (See below under heading Th. B. Degree.)
- (2) The oral examination before the Faculty shall be given on the curriculum as in force at the time of the granting of the degree.
- (3) All the regular seminary courses which the candidate for the degree has not had but which are included in the curriculum at the time of the granting of the degree, shall be required.
- (4) A minimum of twelve semester hours shall be required for the degree and the maximum shall be twenty-four semester hours.
- (5) The maximum shall be required in every case where Seminary work has been credited as the equivalent of one year of college work toward the A. B. degree.
- (6) In every case the course to be pursued is subject to the approval of the Faculty.
- (7) Tuition shall be paid at the rate of three dollars (\$3.00) per semester hour, as set by the Board of Trustees for individual courses.

Registration.—All students 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 date specified in the Calendar. 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 for regular students is fifty dollars a year, to be paid in two installments. It must be paid to the treasurer on the day of registration in September and January. For regular students living West of the Mississippi or East of the Ohio, tuition is only twenty-five dollars per year; and those from Montana, Wyoming, Colorado, New Mexico, and from points west of these states, have free tuition. For tuition of special students, see above under heading Special Students, point 4.

Examinations and Grades.—Written examinations are held at the close of both the first and the second semester in all subjects, Practice Preaching and Public Speaking only excepted. By a ruling of the Synod of 1920 the Theological Faculty decides on the promotion and graduation of Seminary students.

Report cards are sent out at the close of each semester. The following grading system is employed:

- A or A- = Exceptional.
- B or B- = Very good or good.
- C or C- = Fair.
- D or D- = Unsatisfactory.
- E = Condition. Re-examination.
- F = Failure. No re-examination.
- Inc. = Work not completed.

A condition must be removed by re-examination within two months from the date on which standings are released. Any condition not so removed automatically becomes a failure.

Incompletes must be removed within one month from date on which standings are released.

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) If a student has had a condition or a failure in a subject or any standings lower than D, it shall be in the discretion of the Faculty whether he is entitled to the degree or not.

- (5) 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 first year is permitted to preach. This privilege is granted under certain restrictions only to members of the second and third class. 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.

Information.—For further information apply to the Rector for the current school-year, Prof. M. J. Wyngaarden, Theological School and Calvin College, 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.

PRIZES AND AWARDS

Bethany, Muskegon, Mission Prize.—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 not only to the seminary students but also to those of the college. 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.

Manhattan Junior Prize.—During the school year 1928-'29 the Faculty received a gift of one hundred and twenty-five dollars (\$125.00) from the Young People's Society of the Christian Reformed Church of Manhattan, Montana, the income of which is to be used for an annual prize to Juniors, preferably to be awarded for work done in the History of Doctrine or in Theological Encyclopedia. The further conditions of this award are being drawn up by the Faculty.

Seminary Public Speaking Prize.—Through the kindness of a friend of the School, who desires to remain anonymous, the Faculty has for the school year 1929-'30 been promised the sum of thirty-five dollars to be used as an award in Public Speaking and to be divided into a first prize of twenty-five dollars (\$25.00) and a second prize of ten dollars (\$10.00). Prospects are that this award will be an annual affair, though the donor reserves the right to discontinue it at any time. This prize is open to all seminary students. The conditions governing its award are to be specified by the Faculty.

Dr. Yonker Mission Prize.—Dr. William J. Yonker, superintendent of the Nathanael Institute at Chicago, for the year 1928-'29 offers a prize of fifteen dollars (\$15.00) for the best, and of five dollars (\$5.00) for the second best essay of not less than two thousand words on the subject, "One Good Reason for Stressing the Evangelization of the Jews." This award is open to both college and seminary students and will close April 1, 1929.

DESCRIPTION OF COURSES

OLD TESTAMENT

PROFESSOR WYNGAARDEN

- OT¹ *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 Kuyper's "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 Archæological Methods."
For Juniors and Middlers. Two hours. Second Semester, 1929-'30.
- OT² *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, 1929-'30.
- OT³ *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 Sillevs 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 Noordtjij's "Gods Woord en der Eeuwen Getuigenis."

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

OT⁴ *Sacred History from Saul to Malachi*.—Lectures; discussions; quizzes; and collateral reading from Sillevs Smitt's "Handboek der Heilige Geschiedenis"; Barton's "Archæology and the Bible"; and Noordtjij's "Gods Woord en der Eeuwen Getuigenis."

For Juniors and Middlers. Two hours. First Semester, 1929-'30.

OT⁵ *Hebrew—Exegesis (Middlers)*.—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.

OT⁶ *O. T. Exegesis (Middlers)*.—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. Two hours. Second Semester. Every year.

OT⁷ *O. T. Exegesis (Seniors)*.—The course is similar to the Exegesis Course for Middlers.

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

OT⁸ *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 "The Theology of the Old Testament."

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

OT¹¹ *Hebrew, First Course*.—A careful study is made of the first part of Harper's "Method and Manual," and of his "Elements of Hebrew," as revised by J. M. Powis Smith.

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

OT¹² *Hebrew, Second Course*.—A continuation of the first course in Hebrew.

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

OT²¹ *Semitic Electives*.—Anyone of the following may be taken: Reading of Isajah 40-66; Textual Criticism; Arabic; Aramaic; Assyrian; Hebrew Inscriptions.

Offered as electives. Credit of three hours.

OT²² *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 hours.

OT²³ *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 hours.

OT²⁴ *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 hours.

NEW TESTAMENT

PROFESSOR SCHULTZE

NT¹ *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.

NT² *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.

NT³ *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, 1929-'30.

NT⁴ *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, 1929-'30.

NT⁵ *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.

NT⁶ *N. T. Exegesis (Middlers).*—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.

NT⁷ *N. T. Exegesis (Seniors).*—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.

NT⁸ *N. T. Biblical Theology.*—This course consists of a study of the history of the New Testament Revelation. It aims to show that the progress of doctrine in the New Testament is one of unfolding rather than of evolution. Assigned reading of Bernard's "The Progress of Doctrine in the N. T.," Moffatt's "The Theology of the Gospels," and Kennedy's "The Theology of the Epistles," or their equivalents. Lectures, discussions, and quizzes.

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

NT²¹ *The Period between the Old and New Testaments.*—The course deals with the political, social, religious, and literary history of the Jews from the Exile to the Advent. It is designed to give the student the background of the Gospels.

Offered as elective. Credit of three hours.

NT²² *Textual Criticism of the New Testament.*—A study of the material, methods, praxis, and history of N. T. textual criticism.

Offered as elective. Credit of three hours.

NT²³ *Studies in N. T. Biblical Theology.*—An exegetical study of such themes as: The Social Teachings of the N. T.; N. T. Eschatology; and, The N. T. Conception of Man.

Offered as elective. Credit of three hours.

HISTORICAL THEOLOGY

PROFESSOR KROMMINGA

H¹ *Ancient Church History.*—The history of the Christian Church from its beginning to the time of Pope Gregory the Great is covered. Textbook, collateral reading, lectures, and tests.

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

H² *Mediaeval Church History.*—This course deals with the period from Gregory the Great to the Reformation. Textbook, collateral reading, lectures, discussions, and tests.

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

H³ *Modern Church History.*—The aim is to trace the historical development from the Reformation till the present time. Textbook, collateral reading, lectures, tests.

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

H⁴ *General American Church History.*—A study of the establishment, expansion, and internal developments of the Church on American soil. Textbook, collateral reading, discussion and quizzes.

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

H⁵ *History of the Christian Reformed Church.*—A study of the antecedents, origin, and development of our own Church. Lectures, assigned readings, discussions, tests.

For Seniors. Two hours. Second Semester. Given every year.

H⁶ *History of Missions.*—A review of the Missionary activities of the Christian Church with emphasis on the Modern period. Textbook, collateral reading, lectures, discussions.

For Juniors. One hour. First Semester. Given every year.

H²¹ *The Early Church Fathers.*—The purpose of this course is to give the student a first-hand acquaintance with the early Patristic writings, antedating the conciliar period.

Offered as elective. Credit of three hours.

H²² *Precursors of the Reformation.*—A more detailed study of the movements that prepared for the Reformation, with special emphasis on Wyclif, Huss, and Savonarola.

Offered as elective. Credit of three hours.

DOGMATIC THEOLOGY

PROFESSOR BERKHOF

D¹ *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 central 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.

D² *Introduction to Dogmatics.*—This course deals with the fundamental problems underlying Dogmatics, such as those of religion and theology, or revelation and inspiration, and of faith and its certainty. It serves as a preparation for the study of Dog-

matics proper. Lectures, assigned reading, discussion, and quizzes. The work is largely based on Bavinck's "Gereformeerde Dogmatiek," vol. I.

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

D³ *Dogmatics: Theology Proper.*—This course is devoted to the doctrines that belong to the first locus of Dogmatics, such as, the names and attributes of God, the Trinity, the divine decrees. Due attention is paid to the Scriptural foundation of these doctrines, to their interrelation, and to their historical misrepresentations. Lectures, discussion, and collateral reading.

For Middlers and Seniors. Three hours. First Semester. Given in 1929-'30.

D⁴ *Dogmatics: Anthropology and Christology.*—A study of the doctrines concerning man and Christ. Creation and providence, the original condition of man, sin, the covenants, the Person of Christ in his humiliation and exaltation, and his atoning work. The same method is followed as in the preceding course. Lectures, discussion, and collateral reading.

For Middlers and Seniors. Three hours. Second Semester. Given in 1929-'30.

D⁵ *Dogmatics: Soteriology.*—This course is devoted to a study of such doctrines as, calling and regeneration, faith and conversion, justification and sanctification. The course stresses the Scriptural foundation of these doctrines, defends them against erroneous representations, and relates them to one another. Lectures, discussion, and collateral reading.

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

D⁶ *Dogmatics: Ecclesiology and Eschatology.*—In this course the doctrines belonging to the last two loci of Dogmatics are studied, such as the church, the means of grace, death and immortality, the return of Christ, the resurrection, and the judgment. The method pursued is similar to that of the preceding course. Lectures, discussion, and collateral reading.

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

D²¹ *Symbolics.*—This course aims at a historical and doctrinal study of the symbolical writings of the most important churches, and particularly of the standards of the Reformed churches. Textbook, lectures, discussions, and assigned reading.

Offered as elective. Credit of three hours.

D²² *The Doctrine of Premillennialism.*—The course deals with the premillennial doctrine of the return of Christ. It seeks to trace the history of this doctrine, inquires into its Scriptural foundation, and pays particular attention to some of its details, such as the kingdom of God and the kingship of Christ, the premillennial return of Christ and the millennium, the resurrection and the judgment. Lectures, discussion, and assigned reading.

Offered as elective. Credit of three hours.

ETHICS AND APOLOGETICS

PROFESSOR BOUMA

E¹ *Christian Ethics—Fundamental.*—Biblical Ethics. The Christian Ideal of life throughout the centuries, with particular reference to Reformed Ethics. The Christian Ideal and modern thought. The fundamental presuppositions of the Christian moral life. The Christian moral agent. The Christian Moral Ideal and its realization. Conscience.

For Middlers. Three hours. Second Semester, 1929-'30.

E² *Christian Ethics—Applied.*—Christian Virtues and Duties. Ethics of the individual Christian life. The Christian Ideal in its application to the various spheres of human life. Particular attention is paid to the study of the family and its modern problems. Marriage and divorce. The position of woman. The Christian Ideal and the service of God. The Sabbath and our modern Christian Sunday.

For Seniors. Three hours. Second Semester, 1929-'30.

AP¹ *Theological Encyclopedia.*—This course deals 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. First Semester. Given every year.

AP² *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 and philosophical thought. The distinctiveness and the adequacy of Christian Theism as the true and final world and life view.

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

AP³ *Comparative Religion*.—This course deals with the ethnic religions and the apologetic problem presented by such study. The Chinese religions, Buddhism, Hinduism, and Islam are studied geneticaly and comparatively. The current evolutionary view of the origin and development of the religious consciousness receives critical consideration in the light of the biblical view of the subject. The standpoint of the absoluteness of Christianity is maintained throughout and the implications of this position are discussed, also in their bearing on the Christian missionary enterprise.

For Middlers and Seniors. Three hours. First Semester, 1929-'30.

AP²¹ *Psychology of Religion*.—The value and limitations of the psychological point of view for the study of the Christian faith. Present-day psychologism in religion: Feuerbach, Leuba, etc. Psychologism and atheism. The behavioristic standpoint in religion and its present-day application to the Christian faith and to religious pedagogy. A study of the psychology of the Bible. The psychological implications of Christian theology.

Elective. Credit of three hours.

AP²² *Modern Idealistic Philosophy and the Christian Faith*.—By way of introduction, a brief survey of the movement of German Idealism from Kant to Hegel. A critical study of the "re-interpretation" of the great truths of the Christian system (such as, divine personality and the Trinity, Christ and the incarnation, sin and the atonement) in the Hegelian and Neo-Hegelian systems of thought. The ultimate incompatibility of Hegelian Pantheism (or, Neo-Hegelian semi-Pantheism) and Christian truth. The favorable aspect of the influence of nineteenth century Idealism on Christian theology.

Elective. Credit of three hours. Pre-requisite: Course in Christian Theism.

AP²³ *Movements and Currents in Present-Day Christianity*.—This is a course in what is less appropriately called Polemics, or Controversy. The true nature of Christianity and the pre-eminence of the Reformed system as the interpretation of Christian truth is vindicated over against various conflicting systems and movements within present-day historic Christianity. Modernism and Fundamentalism in the historic denominations. This course also deals critically and apologetically with such movements as Christian Science, Mormonism, Theosophy, Spiritism, and the like.

Elective. Credit of three hours.

E²¹ *The Ethics of Nietzsche and the Ethics of Christianity*.—A critical discussion of the most thoroughgoing of modern atheistic ethical thinkers. The purpose of this course is to study Nietzsche first-hand and criticize his naturalism, individualism, and aestheticism, with their implications, from the standpoint of Christian Ethics.

Elective. Credit of three hours. (This course is only open to students who have had the course in Fundamental Christian Ethics.)

E²² *Problems in Christian Social Ethics*.—Students desiring to take an elective in this field are offered the opportunity to make an intensive study from the point of view of Christian Ethics of some or any one of the following subjects. The work is

to be done by the students under the guidance and with the advice of the department. Prerequisite: Ethics, Course 1.

- (1) War and pacifism; Nationalism and Internationalism; the Peace Movement and the principles of Christianity.
- (2) Modern crime and criminal justice in the light of Christian Ethics. Penology and prison reform. Humanitarianism and justice. Capital punishment.
- (3) Socialism and the Labor Problem. The relation between employer and employee. Labor Organizations. Marxianism and Christianity.
- (4) The State. Christianity and Politics. Socialism, Anarchism, and the right of Free Speech. Patriotism, Nationalism, and Internationalism.
- (5) The Race Problem in the light of Christian principles. The race problem at home: Ku Klux Klan; immigration restriction. The race problem abroad: Racial problems in the Christian missionary enterprise.

PRACTICAL THEOLOGY

PROFESSOR VOLBEDA

- PT¹ *The Principles of Homiletical Technique.*—This course deals with the method of sermon-making that is best calculated to answer to the lofty purpose of the divine institution of preaching. Lectures, assigned reading, exercises, and tests.
For Juniors. One hour. First semester. Given every year.
- PT² *Public Worship.*—This course is designed to familiarize the student with the scriptural basis, religious significance and typical features of public worship, and to train him for the correct, dignified and edifying conduct of public worship. Lectures, assigned reading, discussions, exercises, and tests.
For Juniors. Two hours. First semester. Given every year.

- PT³ *The Principles of Presbyterian, or Reformed, Church Polity.*—The distinctive features, scriptural ground, and historical development of Presbyterianism. Lectures, assigned reading, discussions, and tests.
For Seniors. Two hours. First semester. Given every year.
- PT⁴ *Analytical Study of the Church Order of the Christian Reformed Church.*—This course aims at a thorough knowledge of the text, structure, statutes, principles, and spirit of the Church Order. Lectures, assigned reading, discussions, and tests.
For Seniors. Two hours. Second semester. Given every year.
- PT⁵ *Catechetics.*—This course is intended to exhibit the educational implications of the covenant membership of the children of believers, and to prepare the prospective minister for the efficient discharge of his catechetical duties. Lectures, assigned reading, discussions, and tests.
For Seniors. One hour. First semester. Given every year.
- PT⁶ *Pastoral Theology.*—This course deals with the scriptural principles governing the spiritual care over the flock of God to which ministers and elders are called, and aims at preparing the minister *in spe* for the wise, sympathetic and devout exercise of the shepherd's office. Lectures, assigned reading, discussions, and tests.
For Seniors. Two hours. Second semester. Given every year.
- PT⁷ *The Principles of Missions.*—This course deals with the scriptural concept and the ecclesiastical implications of missions. Lectures, assigned reading, discussions, and tests.
Three hours. First semester. Offered 1929-'30. (This or the following course is to be taken instead of the elective by prospective missionaries.)
- PT⁸ *Problems of Missionary Practice.*—This course is devoted to a study of missionary technique and methods. Lectures, assigned reading, discussions, and tests.

Three hours. First semester. Not offered 1929-'30. (This or the previous course is to be taken instead of the elective by prospective missionaries.)

Homiletical Exercises.—Preparation, delivery, and criticism of sermons. Assigned reading and criticism of published sermons.

- PT¹⁰J¹ For Juniors. One hour. First Semester.
 PT¹⁰J² For Juniors. One hour. Second Semester.
 PT¹⁰M¹ For Middlers. One hour. First Semester.
 PT¹⁰M² For Middlers. One hour. Second Semester.
 PT¹⁰S¹ For Seniors. One hour. First Semester.
 PT¹⁰S² For Seniors. One hour. Second Semester.

Public Speaking.—The course in Public Speaking is conducted by various other faculty members beside the professor of Practical Theology.

- PT¹¹J¹ For Juniors. One hour. First Semester.
 PT¹¹J² For Juniors. One hour. Second Semester.
 PT¹¹M¹ For Middlers. One hour. First Semester.
 PT¹¹M² For Middlers. One hour. Second Semester.

PT²¹ *The Polity and Government of the Apostolic and Ante-Nicene Church.*—This course aims at an intensive study of ecclesiastical origins. Lectures, assigned reading, discussions, and tests.

Offered as Elective. Credit of three hours.

THE CURRICULUM

for 1929-'30

The entire course of study is prescribed, with the exception of one three-hour elective in the first semester of the senior year. The 1929-'30 seniors having had their elective in their middler year, no elective will be offered in 1929-'30.

(NOTE: Owing to the shifting of certain courses in Historical and in Practical Theology, the curriculum for the year 1929-'30 differs in some points from the regular curriculum. For the year 1929-'30 the student is to follow the courses as listed below for the various classes. The notation used in each case characterizes the course, the further description of which is found elsewhere in this catalogue. See: Description of Courses.)

JUNIOR YEAR

First Semester

✓OT ¹¹	(Hebrew)	3 hrs.
✓OT ⁴	(O. T. History)	2 hrs.
NT ³	(N. T. History)	2 hrs.
H ⁶	(History of Missions)	1 hr.
D ¹	(History of Doctrine)	3 hrs.
AP ¹	(Theol. Encyclopedia)	3 hrs.
PT ¹	(Homiletics)	1 hr.
PT ²	(Liturgics)	2 hrs.
PT ¹⁰ J ¹	(Practice Preaching)	1 hr.
PT ¹¹ J ¹	(Public Speaking)	1 hr.

Second Semester

✓OT ¹²	(Hebrew)	3 hrs.
OT ²	(O. T. Introduction)	2 hrs. ✓
NT ⁴	(N. T. History)	2 hrs.
NT ⁵	(Hermeneutics)	3 hrs.
H ¹	(Ancient Church Hist.)	3 hrs.
D ²	(Introd. Dogmatics)	3 hrs.
PT ¹⁰ J ²	(Practice Preaching)	1 hr.
PT ¹¹ J ²	(Public Speaking)	1 hr.

MIDDLER YEAR

First Semester

OT ⁵	(Hebrew-Exegesis)	2 hrs.
OT ⁴	(O. T. History)	2 hrs.
NT ⁶	(N. T. Exegesis)	2 hrs.
NT ³	(N. T. History)	2 hrs.
H ²	(Med. Church Hist.)	3 hrs.
D ³	(Dogmatics)	3 hrs.
AP ³	(Comp. Religion)	3 hrs.
PT ¹⁰ M ¹	(Practice Preaching)	1 hr.
PT ¹¹ M ¹	(Public Speaking)	1 hr.

Second Semester

OT ⁶	(O. T. Exegesis)	2 hrs.
OT ²	(O. T. Introduction)	2 hrs.
NT ⁴	(N. T. History)	2 hrs.
H ³	(Mod. Church Hist.)	3 hrs.
D ⁴	(Dogmatics)	3 hrs.
E ¹	(Ethics)	3 hrs.
PT ³	(Church Polity)	2 hrs.
PT ^{10M2}	(Practice Preaching)	1 hr.
PT ^{11M2}	(Public Speaking)	1 hr.

SENIOR YEAR

First Semester

OT ⁸	(O. T. Bibl. Theology)	3 hrs.
NT ⁷	(N. T. Exegesis)	2 hrs.
H ²	* (Med. Church Hist.)	3 hrs.
D ³	(Dogmatics)	3 hrs.
AP ³	(Comp. Religion)	3 hrs.
PT ³	* (Church Polity)	2 hrs.
PT ⁵	(Catechetics)	1 hr.
PT ^{10S1}	(Practice Preaching)	1 hr.

Second Semester

OT ⁷	(O. T. Exegesis)	2 hrs.
NT ⁸	(N. T. Bibl. Theology)	3 hrs.
H ⁴	* (Amer. Church Hist.)	2 hrs.
D ⁴	(Dogmatics)	3 hrs.
E ²	(Ethics)	3 hrs.
PT ⁴	(Church Polity)	2 hrs.
PT ⁶	(Pastoral Theology)	2 hrs.
PT ^{10S2}	(Practice Preaching)	1 hr.

* The courses marked with an asterisk (*) are special in their place for 1929-'30. After that year Medieval Church History in the senior year will be displaced by American Church History, and American Church History in the second semester of the senior year will be displaced by Christian Reformed Church History. Church Polity in the first semester of the senior year will fall out and a three hour elective will take the place thereafter.

REGISTER OF STUDENTS

SPECIAL GRADUATE STUDENTS

	HOME ADDRESS	SCHOOL ADDRESS
Cornelius Hugo Bode	Wellsburg, Iowa. Grundy College, 1924.	1019 Prince St., SE.
	Th.B., Princeton Seminary, 1928.	
	Th.M., Princeton Seminary, 1928.	
Rev. E. Van Halsema	Grand Rapids	1315 Fisk St., SE.
	A.B., Calvin College, 1920.	
	Theol. School of the Chr. Ref. Church, 1921.	

SENIORS

Andrew Banning	Whitinsville, Mass.	422 Ethel Ave., SE.
	A.B., Calvin College, 1925.	
	A.M., University of Michigan, 1926.	
Reuben S. De Haan	Grand Rapids	908 Temple St., SE.
	A.B., Central College, 1926.	
Menzo Dornbush	Jenison	Jenison, Mich.
	A.B., Calvin College, 1926.	
John Geels	Orange City, Iowa	1346 Ewing Ave., SE.
	A.B., Calvin College, 1926.	
John Hanenburg	Grand Rapids	1010 Worden St., SE.
	A.B., Calvin College, 1926.	
Adam Persenaire	Grand Rapids	624 Eastern Ave., SE.
	A.B., Calvin College, 1925.	
	A.M., University of Michigan, 1926.	
Leonard Verduin	Grand Rapids	1131 Buffalo Ave., NE.
	A.B., Calvin College, 1926.	
John Weidenaar	Grand Rapids	1127 Niagara Ave., SE.
	A.B., Calvin College, 1926.	
Cornelius Witt	Grand Rapids	1346 Butler Ave., SE.
	A.B., Calvin College, 1926.	

MIDDLEERS

Martin A. Bolt	Raymond, Minn.	Calvin Dormitory
	A.B., Calvin College, 1927.	
Jack Boerman	Hudsonville	Hudsonville, Mich.
	A.B., Calvin College, 1927.	
Brant Bruxvoort	Sully, Iowa	Calvin Dormitory
	A.B., Calvin College, 1927.	
John Henry De Groot	Passaic, N. J.	1129 Fountain St., NE.
	A.B., Calvin College, 1926.	
	A.M., University of Michigan, 1927.	
Frank De Jong	Orange City, Iowa	Calvin Dormitory
	A.B., Calvin College, 1926.	

Nick De Vries	Grand Rapids	840 Oakhill St., SE.
A.B., Calvin College, 1927.		
Arie Disselkoen	Grand Rapids	715 Dykema Ct., SE.
A.B., Calvin College, 1927.		
John Guichelaar	Prairie View, Kans.	Calvin Dormitory
A.B., Calvin College, 1927.		
Peter Holwerda	Grand Rapids	1731 Newark Ave., SE.
A.B., Calvin College, 1927.		
Jacob Hoogland	Manhattan, Mont.	Calvin Dormitory
A.B., Calvin College, 1927.		
Rens H. Hooker	Grand Rapids	617 Bates St., SE.
A.B., Calvin College, 1927.		
Gareth S. Kok	Randolph, Wis.	1019 Prince St., SE.
A.B., Calvin College, 1927.		
C. E. F. DeW. Malefijt	Grand Rapids	852 Oakhill St., SE.
A.B., Calvin College, 1927.		
John F. Schuurmann	Middelburg, Iowa	Calvin Dormitory
A.B., Calvin College, 1927.		
Ring Star	Corsica, S. D.	Calvin Dormitory
A.B., Calvin College, 1927.		
William Van de Kieft	Grand Rapids	427 Thomas St., SE.
A.B., Calvin College, 1927.		
Bert Van den Brink	Grand Rapids	1340 Kalamazoo Ave.
A.B., Calvin College, 1927.		
Corn. B. Van der Hart	Pella, Iowa	1346 Ewing Ave., SE.
A.B., Central College, 1927.		
John Van der Ploeg	Grand Rapids	910 Burton St., SW.
A.B., Calvin College, 1927.		
Conrad R. Veenstra	Muskegon	631 Oakland Ave., SW.
A.B., Calvin College, 1927.		
Thomas Yff	Chicago, Ill.	Calvin Dormitory
A.B., Calvin College, 1927.		

JUNIORS

Nicholas Beute	Grant	Elmbrook, Grandville
A.B., Calvin College, 1928.		
Peter Francis Dahm	Pella, Iowa	Calvin Dormitory
A.B., Calvin College, 1928.		
Raymond Haan	Kalamazoo	1129 Fountain St., NE.
A.B., Western State Teachers' College, 1926.		
John T. Holwerda	Grand Rapids	833 College Ave., NE.
A.B., Calvin College, 1928.		
John J. Kenbeek	Detroit	Calvin Dormitory
A.B., Calvin College, 1928.		
Bert Kruithof	Grand Rapids	526 "B" St., SW.
A.B., Calvin College, 1927.		
Dirk Mellema	Marion, N. Y.	Calvin Dormitory
A.B., Calvin College, 1928.		
Cornelius Oldenburg	Lakewood, Ohio	Calvin Dormitory
A.B., Calvin College, 1928.		
Richard Rienstra	Paterson, N. J.	Calvin Dormitory
A.B., Calvin College, 1927.		

Evert Tanis	Fremont,	Calvin Dormitory
A.B., Calvin College, 1928.		
Jacob Van Bruggen	Chicago, Ill.	Calvin Dormitory
A.B., Calvin College, 1928.		
Casper Van Dyke	Little Falls, N. J.	Calvin Dormitory
A.B., Calvin College, 1927.		
John Van Laar	Rock Valley, Iowa	1162 Cromwell Av., SE.
A.B., Calvin College, 1928.		
Corn. Van Schouwen	Lansing, Ill.	Calvin Dormitory
A.B., Calvin College, 1928.		

SPECIAL PART-TIME STUDENT

Johanna Timmer	Holland	946 Virginia St., SE.
A.B., Calvin College, 1924.		
A.M., University of Michigan, 1925.		

SUMMARY

Special Graduate Students.....	2
Seniors	9
Middlers	21
Juniors	14
Special Part-Time Students.....	1
Total Enrolment.....	47

THE COLLEGE

CALENDAR

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 22
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

SUMMER VACATION

Entrance Examinations.....	9 A. M., September 4
Enrolment of New Students.....	9 A. M., September 4
Registration for First Semester.....	9 A. M., September 4 and 5
Re-examinations.....	September 6 and 7
Thanksgiving Recess.....	November 28 and 29
Christmas Vacation begins.....	December 20

1930

Classes Resumed.....	January 7
Final Examinations.....	January 13 to 17
First Semester closes.....	January 17
Registration for Second Semester.....	January 16 and 17
Second Semester begins.....	January 21
Washington's Birthday.....	February 22
Day of Prayer.....	March 12
Spring Vacation.....	March 22 to 31
Re-examinations.....	April 1 and 2
Final Examinations.....	May 23 to June 2
Commencement.....	June 3

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, Ph. D.
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, M. S., REGISTRAR
Professor of Chemistry
1309 Alexander Street, SE.

The REV. H. HENRY MEETER, Th. D.
Professor of Bible
1045 Fuller Avenue, SE.

HENRY VAN ZYL, A. M.
*Associate Professor of Educational Methods and
Director of Normal Training*
1143 Fuller Avenue, SE.

SEYMOUR SWETS, A. M.
Instructor in Public Speaking and Music
1326 Calvin Avenue, SE.

JOHANNA TIMMER, A. M.
Adviser to the Girls
946 Virginia Street, SE.

LAMBERT J. FLOKSTRA, Ph. B.
Instructor in Education
1158 Marshall Avenue, SE.

EDWIN Y. MONSMA, M. S.
Assistant in Biology and in charge of Physics
1236 Allerton Avenue, SE.

WILLIAM CORNELISSE
Director of Athletics
1448 Hall Street, SE.

ELIZABETH VERTREGT, A. B.
Assistant Librarian
1147 Sherman Street, SE.

JOHN HENRY DE GROOT, A. M.
Assistant in English
1129 Fountain Street, NE.

JOHN FREDERICK SCHUURMANN, A. B.
Assistant in German
701 Giddings Avenue, SE.

SADIE GUSTA ROELOFS
Assistant in German
1169 Hall Street, SE.

ANNA HOLKEBOER
Assistant in Education
1026 Caulfield Avenue, SW.

STANDING COMMITTEES OF THE FACULTY

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

Discipline—Rooks, Hoekstra, Jellema, and Ryskamp.

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

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

Library—Nieuwdorp, Stob, and Van Anandel.

Publication—Vanden Bosch, Jellema, and Monsma.

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

Committees—Hoekstra, Nieuwdorp, and Van Haitsma.

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 three-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 *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 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 labora-

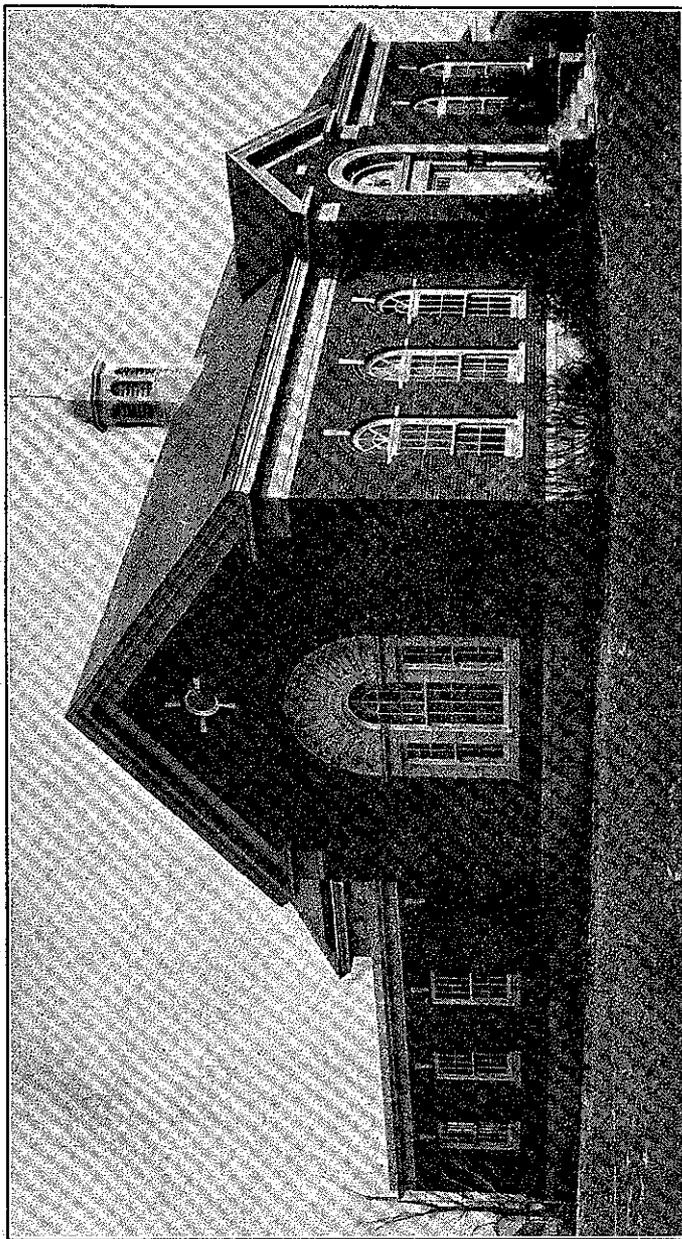
tory; connected with the basement, but in a separate building, is the chemical laboratory; on the main floor are found the administrative offices, committee room, faculty room, biological laboratory, four lecture rooms, and the auditorium, with a seating capacity of seven hundred twenty-five people; 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.



Hekman Memorial Library

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 microscopic 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 Alberenc 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. A quarterly known as the *Alumni Letter* is published by the Association. Offices of the Association at Calvin College.

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

"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 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.

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.

EXCELSIOR CLUB.—The club aims at a better understanding and a more thorough knowledge of the Holland language.

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.

GAMMA PI SIGMA.—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.

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.

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

GIRLS' KNICKER CLUB.—An organization of girls interested in hikes and other forms of outdoor activities.

GIRLS' LEAGUE.—The membership includes all Calvin College girls. Its purpose is to initiate and supervise such social functions as are sponsored by the girls as a body.

MISSION SOCIETY.—The purpose is to stimulate missionary interests and to provide opportunity for practical mission work.

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

PHYTOZON 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.

PRISM.—An organization of the Junior Class for publishing the *Calvin College Prism*.

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 \$100.00 a year; for two from the same family, \$150.00. For students living west of the Mississippi River and east of the Ohio River the fee is \$67.00, and for two from one family in the same region the rate is \$54.00; while for those coming from Montana, Wyoming, Colorado, and New Mexico, and points west of these states, the fee is \$35.00.

For pre-seminary students the fee is \$75.00, or \$50.00 for two from the same family, with corresponding reductions for those coming from west of the Mississippi and east of the Ohio and from the far West.

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 \$5.00 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 \$6.00 a week and upward.

Expenses, including board, room rent, fuel, light, washing, and text books are from \$300 up.

Board in private families will cost from \$7.00 to \$9.00 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, 1929.

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 College \$200.00 from which prizes are to be given annually to the student doing the best work in some subject specifically included in the Pre-Law Course. Freshmen and all Pre-Seminary students are not eligible.

PRIZE ESSAY IN MISSIONS.—Through the courtesy of the Men's Bible Class of the Bethany Church at Muskegon a prize of \$25.00 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.

THE WM. J. YONKER PRIZE.—Dr. Wm. J. Yonker of Chicago, for the year 1928-29, offers a prize of \$15.00 for the best essay and a prize of \$5.00 for the second best essay on the subject: "One Good Reason for Stressing the Evangelization of the Jews." The contest is open to students of both college and seminary.

THE BEETS' CALVINISM PRIZE.—Dr. and Mrs. Henry Beets have presented the College with \$300.00, the income of which is to constitute a prize for the best essay or term paper on Calvinism, in any of its bearings, written each year by Calvin College students and to be awarded at the discretion of the professor holding the chair of Calvinism, in consultation with the president of Calvin College, provided that if during any given year the professor named above does not consider the essays or papers submitted of sufficient merit to deserve the prize, the interest of such a year, or years, be added to the principal.

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 60.

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.

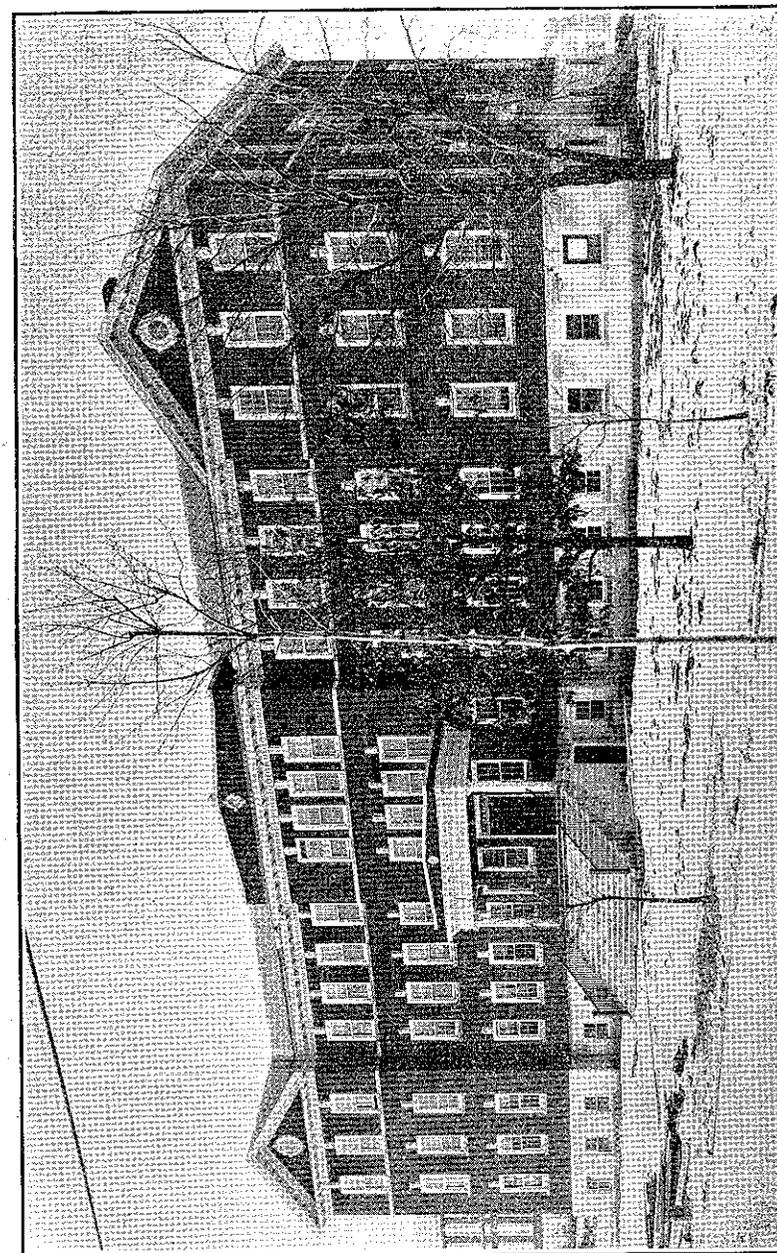
Two vacations are given during the year: a vacation of two weeks at the Christmas holidays, and a spring vacation of one week. Students are required to remain on duty until the last school exercise preceding a vacation is completed, and to be present at the hour of opening, after a vacation.

DORMITORY AND BOARDING PLACES

Students are admitted to the Dormitory by application. Application should be made to the Committee on Dormitory and Boarding Places, in care of the College office, as soon as the applicant has made up his mind to enter the Dormitory. There is usually a long waiting list. Applicants who are accepted are responsible for their rooms for one semester.

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

Students desiring private boarding places should apply to the above mentioned committee also. Correspondence is cordially invited.



Calvin Dormitory

Those who engage private rooming places are expected, unless good reasons prevent their doing so, to retain their rooms for one semester.

Girl students who wish to work for board and room should correspond with the Girls' Adviser, in care of the College Office.

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.

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 Zoology	1

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

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 Zoology.)

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 Zoology	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 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 to 4 units.	Geometry, 1 to 1½ units.
Greek, 1 to 3 units.	Trigonometry, ½ unit.
Latin, 2 to 4 units.	Physics, 1 unit.
French, 2 to 4 units.	Chemistry, 1 unit.
German, 2 to 4 units.	Botany, ½ to 1 unit.
Dutch, 2 to 4 units.	Zoology, ½ to 1 unit.
Spanish, 2 to 4 units.	Physiology, ½ unit.
History, 1 to 3 units.	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.

* 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.

Group II. (Two units may be chosen from this group.)
This group comprises any subjects not included in Group

I, which are counted towards graduation by the accredited school.

PROVISIONAL ADMISSION

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

ADMISSION WITH ADVANCED CREDITS

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

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

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. 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, and 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 67 to 97.

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

Of the remaining 9 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.

* 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 Archæology, 2 hours; Studies in Calvinism, 2 hours.

THREE-YEAR PRE-MEDICAL COURSE

FRESHMAN

First Semester	Second Semester
Rhetoric 3	Rhetoric 3
Modern Language 4 *	Modern Language 4
Chemistry 4	Chemistry 4
Fundamentals of Zoölogy 4	Trigonometry 3 †
Introduction to Bible 2	Introduction to Bible 2

SOPHOMORE

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

JUNIOR

Economics-Sociology 3 or	} Same as first semester 3
History 3 or	
Philosophy 3 or	} Vertebrate Zoölogy 4
English 3	
Psychology 3	Calvinism 2
Quantitative Analysis 2	Quantitative Analysis 2
Electives 6 to 8 ‡	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, 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 Language	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.

THREE-YEAR NORMAL COURSE

FRESHMAN YEAR

First Semester

English Grammar 3 hrs.
 Int. Psychology 3 hrs.
 Int. Bible 2 hrs.
 Human & Econ. Geog. 3 hrs.
 Story Telling 2 hrs.
 (R) Electives..... 2, 3 or 4 hrs.

Second Semester

English (Norm. Dept.) 3 hrs.
 Ed. Psychology..... 3 hrs.
 Int. Bible 2 hrs.
 Penmanship 2 hrs.
 Physiol. & Hygiene..... 4 hrs.
 Electives 2 or 3 hrs.

or
 (J) Junior High School..... 2 hrs.

SOPHOMORE YEAR

English (Dept. of Eng.) 3 hrs.
 Prin. of Education..... 3 hrs.
 (R) Prin. of Teach. El.
Schools 3 hrs.
 or
 (J) Prin. of Teach. Sec.
Schools 3 hrs.

English (Dept. of Eng.) 3 hrs.
 Methods of Teach. Hist.,
including a Review of
Am. Hist. 3 hrs.
 (R) Methods of Teaching
Reading, Geography,
and Bible 3 hrs.

or
 (K) Kindergarten Course... 3 hrs.
 Ref. Doctrine 2 hrs.
 Music (Content course) 2 hrs.
 Electives..... 2, 3 or 4 hrs.

or
 (J) Methods of Teaching
Sec. Schools 3 hrs.
 Ref. Doctrine 2 hrs.
 Music (Method course) .2 hrs.
 Electives..... 2, 3 or 4 hrs.

JUNIOR YEAR

History of Ed.....	3 hrs.	Methods of Teaching	
Observation Teaching.....	4 hrs.	Arith., including Re-	
Calvinism	2 hrs.	view of Arith.....	3 hrs.
Art (Theory)	2 hrs.	Observation & Practice	
Electives	4, 5 or 6 hrs.	Teaching	4 hrs.
		Bible Archæology.....	2 hrs.
		Art (Practice)	2 hrs.
		Educational Sociology.....	3 hrs.
		Electives	2 or 3 hrs.

Notes on this three year course:

1. Courses not marked (R), (J), or (K), are required of all Normal students; those marked (R) are for students looking for positions in the regular elementary grades; those marked (J) are for Normal and College students looking for positions in the upper elementary grades and Junior and Senior High Schools. At the end of the second and third semesters the (R) student, may, if he so desires, become a (J) student, and the (J) student may become an (R) student.
2. The sum total of required hours and electives must be at least ninety-four in order to graduate from the three year course and to be entitled to a State Teachers' Life Certificate.
3. All electives must be taken in two departments, but at least twelve hours in one department.
4. Ninety semester hours of credit toward the A. B. in education will be allowed for the ninety-four hours of this three year Normal Course.
5. Students taking electives in foreign languages should bear in mind that their total credits earned in any one foreign language in High School and in College should amount to at least 24 semester hours.

DESCRIPTION OF COURSES

BEGINNING with the academic year 1929-1930, new numbers were assigned to all courses. In each case the new number is given first and the old number is given second, in parenthesis.

Each course runs for one semester. Courses numbered from 101 to 199 are primarily for Freshmen; those numbered from 201 to 299 for Sophomores; those numbered from 301 to 399 are open to Juniors and Seniors.

First semester courses are represented by odd numbers; second semester by even numbers.

Unless otherwise indicated college credit is given for all courses.

ART

PROFESSORS VAN ANDEL AND VAN ZYL

227. PENMANSHIP *Two hours**
Theory and practice. Freeman System. Black-board writing also included.
301. THEORY OF ART *Two hours**
An education in the elementary schools will be treated in the manner of Winslow's *Organization of Teaching Art: A Program for Art Education in the Schools* and Mathca's *The Beginnings of Art in the Public Schools*.
302. ART (PRACTICE) *Two hours**
The application of fundamental principles with a book like Sargent and Miller's *How Children Learn to Draw* as a guide.
331. (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.

* No College credit given for this course.

332. (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: 331.

Courses 331 and 332 may be credited in the Dutch department. They are of great benefit to teachers and students of history and literature.

BIBLE

PROFESSOR MEETER

101. (11.) INTRODUCTION TO THE BOOKS OF THE BIBLE *Two hours*

A general introduction to the Bible as a whole, in which the origin, nature, canonicity, authority, organic unity of the Bible and related subjects are investigated. A special introduction, inquiring into the contents, historical setting, literary form, and permanent ethical and religious values of each book.

102. (12.) INTRODUCTION TO THE BOOKS OF THE BIBLE *Two hours*

Continuation of 101.

201. (5.) 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.

202. (6.) REFORMED DOCTRINE *Two hours*

Continuation of 201.

301. (10.) STUDIES IN CALVINISM *Two hours*

After a brief inquiry into the origin and nature of Calvinism, its influence upon the development of religion, ethics, political life, society, science and art, as well as the proper application of its principles in these spheres is investigated. The course consists of lectures, assigned readings, and essays. Open to Juniors and Seniors. To others only by special permission.

302. (9.) BIBLICAL ARCHÆOLOGY *Two hours*

A study of the geographic, social, civic and religious conditions of the peoples, especially of the Hebrews, among whom the Bible arose. Course for Juniors and Seniors. Others not admitted, except by special permission.

304. (13.) THE ORIGIN AND DEVELOPMENT OF CHRISTIANITY *Three hours*

The historic development of Christianity, including a survey of such facts as have either directly or indirectly issued from Christianity, is considered. Course consists of the study of a text, lectures, and library assignments. Open to Juniors and Seniors. Not offered in 1929-30.

CHEMISTRY

PROFESSOR DEKKER

101. (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.

102. (2b.) GENERAL INORGANIC CHEMISTRY *Four hours*

Continuation of 101. Hours, text, and fees the same.

103. (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.

104. (2.) GENERAL INORGANIC CHEMISTRY *Four hours*

Continuation of 103. Hours, text, and fees the same.

201. (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: 103 and 104 or 101 and 102.

202. (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: 103 and 104 or 101 and 102.

301. (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: 201.

302. (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 201, and preferably Physics 1 and 2.

330m. (10.) TEACHERS' COURSE *One hour*

Methods of teaching Chemistry in secondary schools. Prerequisite: Two years of Chemistry.

DUTCH

PROFESSOR VAN ANDEL

A. DUTCH LANGUAGE

101. (11.) ELEMENTARY GRAMMAR *Four hours*

Conjugations and declensions. Required outside reading.

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

102. (12.) ADVANCED GRAMMAR *Four hours*

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

203. (15.) ROMANTIC PROSE *Three hours*

Review of Grammar. Weekly compositions. Required outside reading. In class some outstanding authors are discussed.

204. ROMANTIC POETRY *Three hours*

Weekly compositions. Required outside reading. The prose authors are finished and the Romantic poets are discussed. Special study is made of Bilderdijk and Da Costa as originators of the revival of Calvinism in the Netherlands.

301. (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. Courses 323 to 325 form the background of this course.

302. (18.) MODERN LITERATURE *Three hours*

The modern movements of Naturalism, Symbolism, and Neo-Classicism. Assigned reading and term papers. Courses 301 and 302 are of Senior character.

Only courses 101 and 102 are open to Freshmen. The above six courses are required of all students taking the pre-Seminary Course. Courses 323 to 326 under Mediaeval and Dutch History and courses 331 and 332 under Dutch Art may be credited in the department of Dutch. They cannot, however, be substituted for language courses.

B. MEDIAEVAL AND DUTCH HISTORY

323. (23.) THE EARLY MIDDLE AGES (400-1000) *Three hours*

The development of the Roman Empire, of the Church, of Monasticism, of Feudalism, and of the Western European States up to 1000. Special at-

tion is paid to the condition of the Netherlands during the Roman and Frankish periods. Lectures, collateral reading, term papers, maps, and class exercises. Given 1928-'29.

324. (24.) FIRST RENAISSANCE (1000-1400) *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: 323. Given 1928-'29.

325. (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 its intensive character in the Netherlands. Given 1929-'30.

326. (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 Netherlands since 1821 and its victory over Liberalism. The triumph of the free Christian School as a national institution. Prerequisite: 325. Given 1929-'30.

Courses 323 to 326 are credited either as Dutch or as History. 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. They are open to Juniors and Seniors.

C. DUTCH ART

331. (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.

332. (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. Prerequisite: 331.

Courses 331 and 332 may be credited as Dutch or as Art. All students taking these courses are urged to consider courses 323 to 326 as the background for Dutch Art. At the same time these Art courses illustrate in a concrete fashion the movements in literature and philosophy of the later Middle Ages and of the Dutch Renaissance. They are open to Juniors and Seniors.

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 101 and 102, introductory to both Economics and Sociology.

101. (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.

102. (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.

201. (3.) PRINCIPLES OF ECONOMICS *Three hours*

A review of the fundamental principles underlying modern economic life. Not open to Freshmen, except by special permission.

202. (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 201 are expected to take 202.

203. (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.

204. (6.) SOCIAL PROBLEMS *Three hours*

A continuation of 203 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.

301. (7.) (*Economics*) THE FINANCIAL ORGANIZATION OF SOCIETY *Three hours*

A study of the nature and functions of money, with a view to the understanding of the complex rôle of currency systems in our national and international life. A detailed study of the functions of banking, the Federal Reserve, private financial institutions, foreign trade, and so forth. Prerequisite: 201 and 202 or their equivalents.

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

A continuation of 301. The financial promotion of corporations and of trusts; the trust problem.

303. (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: 201 and 202, or 203 and 204.

304. (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 and other problems connected with modern family life.

Prerequisites: 102, 203, and 204, or their equivalents.

EDUCATION

PROFESSORS J. BROENE AND VAN ZYL, MR. FLOKSTRA,
AND MISS HOLKEBOER

101. (1.) INTRODUCTORY PSYCHOLOGY *Three hours*

A general course in psychology for beginners with some reference to the implications of psychology for pedagogy.

102. (2.) EDUCATIONAL PSYCHOLOGY *Three hours*

A second course in psychology for prospective teachers, discussing the psychological facts and principles involved in the solution of educational problems. Special emphasis is given to the psychology of the various school branches. Also open to college students.

103. THE JUNIOR HIGH SCHOOL *Two hours*

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

301. (3.) PRINCIPLES OF EDUCATION *Three hours*

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

302. (4.) THE PRACTICE OF EDUCATION *Three hours*

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

303. HISTORY OF EDUCATION *Three hours*

A brief survey in one semester of the history of education since the Middle Ages. Educational development will be viewed in the light of religious, social, economic, and political changes. Students taking this course should in their first or second year take one or two courses in history.

305. (5.) HISTORY OF EDUCATION *Three hours*

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

306. (6.) HISTORY OF EDUCATION *Three hours*

A continuation of 305 covering the modern period.

307. (7.) SCHOOL ADMINISTRATION *Two hours*

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

308. (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 METHODS

221. PRINCIPLES OF TEACHING IN ELEMENTARY SCHOOLS *Three hours*

Various units of work will be presented, such as characteristics of method, the problem of individual differences, controlling principles of the Public School and the Christian School in the United States, etc.

223. PRINCIPLES OF TEACHING IN SECONDARY SCHOOLS *Three hours*

The principles of teaching will be discussed in the light of Morrison's *The Practice of Teaching in the Secondary Schools*. This course is intended especially for students looking for teaching positions in the junior and senior high schools.

225. PRINCIPLES OF KINDERGARTEN-PRIMARY GRADES TEACHING *Three hours*

The following units will be taken up: a brief history of the kindergarten past and present; the capital of the child in kindergarten and primary grades; and the content of the curriculum with special emphasis on project teaching.

230. METHODS OF TEACHING READING, GEOGRAPHY AND BIBLE *Three hours*

The new approaches in teaching reading and geography with emphasis on the experimental phase will be taken up. Bible teaching will be viewed in the light of the principles of story telling.

232. METHODS OF TEACHING HISTORY *Three hours*

Two hours per week will be devoted to content and one to method. The content aspect of the course will consist of a survey of the history of the United States. In the method hour, methods of teaching history from the lower grades through those of the junior high school will be discussed. The method hour is intended also for four-year college students majoring in History.

234. METHODS OF TEACHING ARITHMETIC *Three hours*

Both content and methods in arithmetic throughout the grades will be considered.

236. MUSIC (*Method Course*) *Two hours*

The student will get practice to lead a class in the elementary school in singing as the major part of teaching technique in elementary school music. Demonstration lessons will be observed by the class as a whole.

321. OBSERVATION OF TEACHING

Four hours

Two hours are spent in the schools of Grand Rapids with specific instructions for directed observation. The other two hours are devoted to conferences and class discussion of reports. Each student is required to write five intensive reports.

322. PRACTICE OF TEACHING

Four hours

One of the four hours is set aside for practice teaching in our Practice School. The second and third hours are used in class for lesson planning and class discussions. The fourth hour is given to individual observation in the grade or grades where the student intends to teach. Written reports of a specific type are required.

324. DIRECTED OBSERVATION AND LESSON PLANNING

Three hours

This course is required of all students looking forward to graduation from the four year college course with a Michigan State Teachers' Life Certificate. It should be taken the second semester of their Junior year. The course consists of two hours of directed observation with specific instructions, and one hour of lesson planning.

325. PRACTICE TEACHING

One hour

The three hour course in *Directed Observation and Lesson Planning* is a prerequisite. This one hour consists of actual teaching in our Practice School during the first semester of the Senior year.

326. METHODS OF TEACHING IN SECONDARY SCHOOLS

Three hours

A course in general aspects and specific methods of teaching for prospective upper grade and secondary school teachers. Parker's and Douglas' books on teaching technique in secondary schools are the basic texts. This course, like 223, is especially for college students.

330m. THE TEACHING OF LATIN OR ENGLISH, ETC.

Teachers' courses offered in the various departments are all indicated by the number 330 followed by the letter *m*. For description see under the department wanted.

ENGLISH

PROFESSORS VANDENBOSCH AND VAN ZYL, MISS TIMMER,
AND MR. DE GROOT

101. 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. 101 and 102 are for those who take the three year teacher's course.

102. ENGLISH COMPOSITION

Three hours

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

103. (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. 103 and 104 are required of all Freshmen, and are prerequisite to all other courses in English.

104. (2.) COMPOSITION AND RHETORIC

Three hours

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

201. (11.) AMERICAN LITERATURE

Three hours

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

202. (12.) AMERICAN LITERATURE

Three hours

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

207. (15.) THE ELIZABETHAN PERIOD

Three hours

A study is made of the Renaissance as it manifests itself in literature, particularly in drama. Given 1929-'30.

208. (16.) THE SEVENTEENTH CENTURY *Three hours*

The Cavalier and the religious poets, Milton and Bunyan, and the restoration authors. Given 1929-'30.

301. (17.) THE ROMANTIC MOVEMENT *Three hours*

History and characteristics of Romanticism. Emphasis upon Wordsworth, Coleridge, Byron, Shelley, and Keats.

302. (18.) THE VICTORIAN PERIOD *Three hours*

Introduction to the period and survey of leading authors, with special attention to Tennyson and Browning.

303. (19.) CONTEMPORARY LITERATURE OF ENGLAND
Two or three hours

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

304. (20.) CONTEMPORARY LITERATURE OF ENGLAND
Two or three hours

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

305. (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. Given in alternate years.

306. (4.) ADVANCED RHETORIC *Three hours*

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

330m. (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

101. (1.) ELEMENTARY FRENCH *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.

102. (2.) CONTINUATION OF 101 *Four hours*

Text in both courses: Olmsted and Sirich, *Beginners' French Grammar*. This is followed by the reading of easy prose.

201. (3.) INTERMEDIATE FRENCH *Three hours*

Reading of about two hundred pages of easy nineteenth century text. Special stress on idiom. Composition based on text read. Prerequisite: 101 and 102.

202. (4.) CONTINUATION OF 201 *Three hours*

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

301. (5.) THE ROMANTIC MOVEMENT *Three hours*

A history of French literature of the first half of the nineteenth century. Collateral reading and reports. Prerequisite: 101 to 202.

302. (6.) NINETEENTH CENTURY—SECOND HALF *Three hours*

A history of French literature since the middle of the nineteenth century. Collateral reading and reports. Prerequisite: 101 to 202.

303. (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: 202.

304. (8.) THE CLASSIC PERIOD *Three hours*

A continuation of 303, 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: 202 and 303. Courses 303 and 304 are not offered during 1929-'30.

330m. 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, MR. SCHUURMANN,
AND MISS ROELOFS

101. (1.) ELEMENTARY GERMAN *Four hours*
Grammar and Composition. Text: Vos's *Essentials*.

102. (2.) CONTINUATION OF 101 *Four hours*
Completing first thirty-two lessons of Vos's *Essentials*. Reading of at least one hundred pages of modern prose and poetry.

201. (3.) INTERMEDIATE GERMAN *Three hours*

Reading of nineteenth century prose. Vos's *Essentials* completed. Review of the more important parts of grammar. Composition and dictation. Prerequisite: 101 and 102.

202. (4.) INTERMEDIATE GERMAN 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: 201.

301. (5.) THE ROMANTIC PERIOD *Three hours*

A survey of German literature of the first half of the nineteenth century. Collateral reading and reports. Prerequisite: 202.

302. (6.) REALISM *Three hours*

History of German literature since the middle of the nineteenth century. Collateral reading and reports. Prerequisite: 202.

Courses 301 and 302 are not offered during 1929-'30.

303. (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: 202.

304. (8.) LATER NINETEENTH CENTURY DRAMA *Three hours*

A study of Hauptmann and Sudermann and their times. Assigned readings and reports. Prerequisite: 202 and 303.

Courses 303 and 304 are not offered during 1929-'30.

305. (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: 202.

306. (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: 202 and 305.

330m. 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

101. (1.) BEGINNERS' GREEK *Four hours*

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

102. (2.) BEGINNERS' GREEK *Four hours*

Continuation of Course 101. Completion of the text and the reading of the first book of Xenophon's *Anabasis*, or its equivalent.

201. (3.) XENOPHON *Three hours*

Translation of selections from the *Anabasis*. Prerequisite: 101 and 102.

202. XENOPHON'S MEMORABILIA *Three hours*

Text: Marshall.

301. (5.) PLATO *Three hours*

The *Republic*.

302. (6.) PLATO *Three hours*

The *Republic* continued.

313. (13.) NEW TESTAMENT GREEK *Two hours*

Readings in the Gospels of Mark and Luke. Prerequisite: 101 and 102.

314. (14.) NEW TESTAMENT GREEK *Two hours*

Study is made of some of the Pauline epistles. Prerequisite: 101, 102, and 313.

315. (25.) GREEK CULTURE *Three hours*

An elective course. No knowledge of Greek is required. The main features of Greek culture are discussed. Not open to Freshmen.

HISTORY

PROFESSOR HOEKSTRA

101. (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.

102. (2a.) EUROPE SINCE 1815 *Three hours*

A continuation of Course 1a, which is prerequisite. Courses 101 and 102 are for Freshmen; open to Sophomores by special arrangement.

201. (3.) EASTERN EUROPE SINCE 1815 *Three hours*

Russia from 1815 to the near present. Lectures, readings, and reports. Prerequisites: 101 and 102. For Sophomores and Juniors. Not given 1929-'30.

202. (4b.) EASTERN EUROPE SINCE 1815 *Three hours*

The Balkan States: Austria, Hungary, and Czechoslovakia. Lectures, readings, and reports. Prerequisites: Same as 201.

203. (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 Cheyney's *Short History of England*. Prerequisites: 101 and 102. For Sophomore or Junior year.

204. (6.) ENGLISH HISTORY SINCE 1600 *Three hours*

Continuation of 203, which is prerequisite.

301. (7.) AMERICAN CONSTITUTIONAL HISTORY *Three hours*

Lectures and readings. Prerequisite: A high school course in American History.

302. (10.) AMERICAN CONSTITUTIONAL HISTORY *Three hours*
Continuation of 301, which is prerequisite.
Courses 301 and 302 are open to Juniors and Seniors.
304. (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 1929-'30.
305. (12.) AMERICAN FOREIGN RELATIONS *Three hours*
Diplomatic relations with South American countries. Origin and development of the Monroe Doctrine. Courses 304 and 305 open to Juniors and Seniors.
323. THE EARLY MIDDLE AGES (400-1000) *Three hours*
See page 71.
324. FIRST RENAISSANCE (1000-1400) *Three hours*
See page 72.
325. SECOND RENAISSANCE AND REFORMATION (1400-1568) *Three hours*
See page 72.
326. THIRD RENAISSANCE AND REVOLUTION (1568-1815) *Three hours*
See page 72.
- 330m. (9.) TEACHERS' COURSE *One hour*
Methods of teaching history in secondary schools. Prerequisite: twenty-one to twenty-four hours of history.

LATIN

PROFESSOR BOOKS

Students who expect to teach Latin and are candidates for a State Teacher's 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 320, 328, 330m.

Students who wish to graduate from the four-year pre-Seminary Course must complete fifteen semester hours beyond the two units of Latin required for admission, and must include Courses 301, 302 or 304. 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.

101-102. (1a and 2a.) 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 101 unless credit has been earned for 102, 103 and 104.

These courses may be withdrawn if the number of students desiring them is very small.

103-104. (1b and 2b.) CÆSAR *Three hours each*

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

No credit is given for 103 unless credit is earned for 104. Equivalent to one unit of Latin for admission.

105. (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 first century before Christ. This course is offered for those students who present two units of Latin for admission.

106. (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.

201. (3.) POETRY *Three hours*

Selections from the various works of Ovid. Study of Latin prosody and Roman mythology.

202. (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.

301. (5.) PHILOSOPHICAL TREATISES *Three hours*

Cicero's *De Senectute* and *De Amicitia*. Papers by the students on assigned subjects.

302. (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.

303. (7.) ROMAN HISTORIANS *Two or three hours*

Livy, Book XXI: the history and the life of Rome during the period of the Punic Wars.

304. (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. Not offered in 1929-'30.

305. (9.) ROMAN COMEDY *Two or three hours*

Terence: The *Adelphi* and the *Andria*. Not offered in 1929-'30.

306. (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. Selected parts of Ovid, Horace and Catullus.

307. (11.) HORACE: ODES AND EPODES *Two or three hours*

This course may be offered in place of Courses 305 and 306 to meet the needs of students interested.

320. (10.) ROMAN CULTURE *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. 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.

328. (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 and reviewed.

330m. (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 twenty semester hours in addition to two units of high school Latin. In this course study will be made of the problems and methods of teaching secondary Latin. Students should combine 328 and 330m. Not offered in 1929-'30.

MATHEMATICS

PROFESSOR NIEUWDORP

101. (1.) ALGEBRA *Three hours*

For those who have had only one year of Algebra in the High School.

102. (2.) SOLID GEOMETRY *Three hours*

103. (3.) COLLEGE ALGEBRA *Three hours*

Prerequisite: 101.

104. (4.) PLANE TRIGONOMETRY *Three hours*
Prerequisite: 101 and 103.
201. (5.) PLANE ANALYTIC GEOMETRY *Four hours*
Prerequisite: 103 and 104.
202. (6.) CONTINUATION OF 201 *Four hours*
Plane Analytical Geometry completed and introduction to Solid Analytical Geometry.
301. (7.) DIFFERENTIAL CALCULUS *Five hours*
Prerequisite: 201 and 202.
302. (8.) INTEGRAL CALCULUS *Five hours*
Completion of Integral Calculus and introduction to Differential Equations.
303. (9.) DIFFERENTIAL EQUATIONS *Three hours*
Prerequisite: 301 and 302.
304. (10.) THEORY OF EQUATIONS *Three hours*
Prerequisite: 103, 201 and 202.
305. (11.) PROJECTIVE GEOMETRY *Three hours*
This will be offered if one of the other courses for this semester is not elected by enough students.
307. (13.) SOLID ANALYTICAL GEOMETRY *Three hours*
Prerequisite: 301 and 302.
- 330m. (12.) TEACHERS' COURSE *One hour*
Discussion of methods of teaching Mathematics in secondary schools. Twenty hours of observation work are required.

MUSIC

SEYMOUR SWETS

101-102. CHORUS

The study of representative works of the great masters of choral writing with a view to public performance. Handel's *Messiah* is rendered annually at Christmas time.

Open to all who meet the requirements of voice and musicianship.

201. MUSIC THEORY

The elements of music. Drill in notation, time, and rhythmic values, scales, and signatures. The course aims to acquaint the student with elementary school music, both in content and organization.

236. MUSIC METHODS

Two hours

Methods of teaching elementary school music. Teaching of rate songs and simple art songs. Each student has practice in directing the class in singing. Demonstration lessons.

203. HARMONY

Two hours

A threefold approach to the elements of harmony through the ear, eye, and hand or keyboard. Written work and class exercises. The writing and analysis of simple hymn tunes and a study of their chords.

204. HARMONY (Continuation of 203)

Two hours

205. 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.

206. HISTORY OF MUSIC

Three hours

Continuation of 205.

207. 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.

208. SINGING

Continuation of 207. Semester fee: \$18.00.

ORGANIC SCIENCE

PROFESSOR VAN HAITSMAN AND MR. MONSMA

101. (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.

102. (2.) HUMAN PHYSIOLOGY* *Two hours*

A study of some vital phenomena occurring in man. Course 101 is a desirable antecedent.

104. (4.) PERSONAL HYGIENE* *Two hours*

The care of the human body. This course must be preceded or accompanied by 102.

201. (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.

202. (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.

301. (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. Prerequisite: 202.

* The courses in Organic Science are arranged to correspond with the curriculum of Pre-Medical students. Students of the general college course who expect to major in Organic Science are advised to elect courses 102 and 202 during the second semester of the first year and courses 104 and 302 during the second semester of the second year.

302. (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. Prerequisite: 101 and 201. Course 102 is a desirable antecedent.

303-304. (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. Laboratory fee, \$3.00. Three hours of laboratory work a week throughout the year.

305. (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: 11.

306. (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.

307-308. (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 303 and 304.

330m. (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.

PHILOSOPHY

PROFESSOR JELLEMA

Courses 201 and 202 are not considered as Philosophy in the hours prescribed for the General College Course.

201. (1.) PSYCHOLOGY *Three hours*

A general course in psychology with special attention to the philosophical implications. Exercises. Open to Freshmen by permission.

202. (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*.

203. (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.

204. (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. Prerequisite: 203.

301. (5.) HISTORY OF PHILOSOPHY FROM ST. AUGUSTINE TO KANT *Three hours*

Continuation of 204. Prerequisite: 203 and 204.

302. (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. Prerequisite: 301.

303. (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. Prerequisite: 302.

304. (8.) METAPHYSICS *Three hours*

Lectures, discussions, and papers. Text: Bradley's *Appearance and Reality*, Taylor's *Elements of Metaphysics*. Prerequisite: 303. Not offered during 1928-'29.

306. (10) METAPHYSICAL IMPLICATIONS OF CHRISTIANITY *Three hours*

Lectures, readings, discussions and papers on the view of reality expressed and implied in Christianity. Prerequisite: 303.

PHYSICS

MR. MONSMA

201. (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.

202. (2.) GENERAL PHYSICS *Four hours*

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

203. (5.) PROBLEM COURSE *One hour*

A course required of engineering students. It should accompany 201.

204. (6.) PROBLEM COURSE *One hour*

Continuation of Course 203. This course should accompany 202.

POLITICAL SCIENCE

PROFESSOR HOEKSTRA

301. (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.

302. (2.) INTRODUCTION TO POLITICAL SCIENCE *Three hours*

Continuation of 301, which is prerequisite.

303. (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 1929-'30.

304. (4.) AMERICAN CONSTITUTIONAL LAW *Three hours*

Continuation of 303, which is prerequisite.
Courses 301 to 304 are open to Juniors and Seniors.

PUBLIC SPEAKING

MR. SWETS

101. STORY TELLING *Three hours*

Throughout the course the major emphasis will fall on practice in story telling in view of elementary school needs.

103. SPEECH-MAKING *Two hours*

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

104. SPEECH-MAKING *Two hours*

Continuation of 103, together with a study of speech form and speech qualities.

201. INTERPRETATIVE READING *One hour*

The principles of interpretation and expression. Oral interpretation of representative selections before the class. Not offered during 1929-'30.

202. INTERPRETATIVE READING *One hour*

Continuation of 201.

203. GREAT ORATORS *One hour*

Study of great English orators. Declamations and topical speeches.

204. GREAT ORATORS *One hour*

Study of great American orators. Declamations and topical speeches.

ORATORY. 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 Broodman contest and as substitute in the inter-collegiate contest.

SOCIOLOGY

PROFESSOR RYSKAMP

(See page 73.)

REGISTER OF STUDENTS

SENIORS

Bachman, Marie Rosalie.....	Grand Rapids, Mich.
Batts, Martin Jr.....	Grand Rapids, Mich.
Berg, Marinus Anthony.....	Grand Rapids, Mich.
Bielema, Roy Martin.....	Fulton, Ill.
Bolt, John A.....	Raymond, Minn.
Bontekoe, Julius Harold.....	Holland, Mich.
Brinks, Marguerite E.....	Grand Rapids, Mich.
Buddingh, G. John.....	Byron Center, Mich.
Bult, John Lucus.....	Rochester, N. Y.
De Vries, John.....	Grand Rapids, Mich.
De Young, David Cornell.....	Grand Rapids, Mich.
Freriks, Dick Jacob.....	Orange City, Iowa
Fridsma, Bernard.....	Clifton, N. J.
Fryling, Sophia Bouwena.....	Zuni, New Mexico
Greenway, Leonard.....	Grand Rapids, Mich.
Griffioen, John.....	Grand Rapids, Mich.
Hanenburg, Dewey Peter.....	Edgerton, Minn.
Heckman, Evelyn Louise.....	Grand Rapids, Mich.
Hoekstra, Henry.....	Detroit, Mich.
Hoekzema, Jack.....	Grand Rapids, Mich.
Holstein, Louise Veldman.....	Chicago, Ill.
Keegstra, Enne.....	Allendale, Mich.
Kortman, Alberta.....	Lucas, Mich.
Ledeboer, Henry John.....	Prinsburg, Minn.
Oudersluys, Richard Clare.....	Grand Rapids, Mich.
Roelofs, Sadie Gusta.....	Raymond, Minn.
Rozeboom, Garrett Gene.....	Hull, Iowa
Schoolland, Cornelius Matthew.....	Grand Rapids, Mich.
Schripsema, Herman.....	McBain, Mich.
Slingerland, Pauline.....	Grand Rapids, Mich.
Stuck, Sidney.....	Grand Rapids, Mich.
Tinklenberg, Anthony A.....	Edgerton, Minn.
Tinklenberg, Richard J.....	Harrison, S. D.
Tubergon, Marie.....	Grand Rapids, Mich.
Van der Mey, Jacob.....	Grand Rapids, Mich.
Van der Schalie, Henry.....	Paterson, N. J.
Van der Stoep, Floris.....	Oak Harbor, Wash.

Van Rees, William.....	Lynnville, Iowa
Venhuizen, Aldert.....	Manhattan, Mont.
Vertregt, Wilhelmina.....	Grand Rapids, Mich.
Voskuil, Louis Frederick.....	Baldwin, Wis.
Vroon, Simon.....	Grand Rapids, Mich.
Westra, Jacob John.....	Grand Rapids, Mich.
Yff, George.....	Chicago, Ill.
Zierleyn, Katherine Janie.....	East Orange, N. J.
Zwaanstra, Henry.....	Shepherd, Mont.
Zwaanstra, John.....	Shepherd, Mont.

JUNIORS

Baas, Menno.....	Falmouth, Mich
Bakker, Andrew.....	East Saugatuck, Mich.
Beeuwkes, Bernice Adel.....	Holland, Mich.
Beukema, Henrietta Johanna.....	Holland, Mich.
Boelema, Jacob.....	Grand Rapids, Mich.
Boersma, Jean.....	Grand Rapids, Mich.
Bouma, Peter H.....	Larchwood, Iowa
Brink, J. Herbert.....	Shaker Heights, Ohio
Cooper, Grace.....	Whitinsville, Mass.
Curva, Reynaldo Raciles.....	Philippine Islands
De Boe, Cornelius Marinus.....	Holland, Mich.
De Groot, Renzl.....	Volga, S. D.
De Vries, Jack.....	Grand Rapids, Mich.
Dolfin, John Jr.....	Muskegon, Mich.
Drost, Donald Joseph.....	Holland, Mich.
Faber, Morris Henry.....	Redlands, Calif.
Feenstra, Ruth.....	Grand Rapids, Mich.
Frankena, William.....	Zeeland, Mich.
Fynewever, Glenn Julius.....	Holland, Mich.
Haan, Enno Ralph.....	Grand Rapids, Mich.
Hager, Ralph.....	Grand Rapids, Mich.
Hamberg, John Philip.....	Holland, Mich.
Heynen, Ralph.....	Hudsonville, Mich.
Heynen, Tony.....	Hudsonville, Mich.
Hollander, James John.....	Sioux Center, Iowa
Holwerda, Raymond.....	Grand Rapids, Mich.
Honderd, Peter.....	Grandville, Mich.
Huizenga, Fred Martin.....	Dutton, Mich.
Huizenga, Martin.....	Zeeland, Mich.
Huizinga, John.....	Grand Rapids, Mich.
Hulstein, Neal.....	Sioux Center, Iowa
James, Freburn Watson.....	Grand Rapids, Mich.
Kalsbeek, Helen.....	Grand Rapids, Mich.
Keuning, Maynard.....	Harrison, S. D.
Klunder, Anne.....	Grand Rapids, Mich.

Koopman, August John.....	Cleveland, Ohio
Lieffers, Jewel.....	Grand Rapids, Mich.
Meyer, Henry.....	Grand Rapids, Mich.
Miersma, Sidney Peter.....	Grand Rapids, Mich.
Muller, William V.....	Clifton, N. J.
Oosterheert, Grace.....	Santa Ana, Calif.
Orth, Anna Katharene.....	Grand Rapids, Mich.
Paauwe, Adrian Dingness.....	West Sayville, N. Y.
Radius, Henry.....	Chicago, Ill.
Roelofs, Vernon William.....	Renville, Minn.
Rottier, Adrian Ralph.....	Highlands, Ind.
Rüster, Jeannette.....	Grand Rapids, Mich.
Schram, Henry Leonard.....	Grand Rapids, Mich.
Selles, Catherine Eulonda.....	Holland, Mich.
Slotmacher, Wilhelmina.....	Coopersville, Mich.
Smith, Jacob Peter.....	Grand Rapids, Mich.
Spoelstra, Peter Andrew.....	Shepherd, Mont.
Steenland, William Cornelius.....	Grand Rapids, Mich.
Stehouwer, Orrie William.....	Hull, Iowa
Stob, George.....	Chicago, Ill.
Van der Jagt, Peter.....	Grand Rapids, Mich.
Van der Molen, Joan Victorie.....	Grand Rapids, Mich.
Van der Ziel, Gerrit.....	Maurice, Iowa
Van Dongen, Arthur.....	Grand Rapids, Mich.
Van Vuuren, Marius.....	Compton, Calif.
Van Wesep, Gerard Leonard.....	Grand Rapids, Mich.
Volbeda, Frederick.....	Grand Rapids, Mich.
Walters, Dick.....	Zeeland, Mich.
Westfield, John F.....	Grand Rapids, Mich.
Westra, Jasper D.....	Randolph, Wis.
Wezeman, Richard.....	Nunica, Mich.
Wilderom, Morris.....	Grand Rapids, Mich.
Wolters, Simon Lloyd.....	Byron Center, Mich.
Workman, Grace.....	Whitinsville, Mass.
Wybenga, Edward.....	Manhattan, Mont.
Zuidema, Peter Richard.....	Grand Rapids, Mich.

SOPHOMORES

Berghouse, Ida.....	Falmouth, Mich.
Bloem, Frederick Henry.....	Prairie View, Kansas
Blystra, Nicholas.....	Chicago, Illinois
Bosker, Janet.....	Jenison, Mich.
Bossenbroek, Gertrude W.....	Waupun, Wis.
Botts, Helen, Theresa.....	Grand Rapids, Mich.
Brat, Hero.....	Holland, Mich.
Brat, John Harold.....	Holland, Mich.
Brink, Dorothy Jeannette.....	Cleveland, Ohio

Brink, John E.....	Holland, Mich.
Bruinooge, James Gerard Egbert.....	Moline, Mich.
Christian, Esther Caruthers.....	Grand Rapids, Mich.
Cooper, Anne.....	Whitinsville, Mass.
Damkot, Alice.....	Oostburg, Wis.
De Jonge, James John.....	Grand Rapids, Mich.
De Mooy, Crystine Elizabeth.....	Chicago, Ill.
De Vries, Jacob.....	Hull, Iowa
De Vries, Peter.....	Chicago, Ill.
Dirkse, Paul.....	Grand Haven, Mich.
Dragt, Gerrit.....	Grand Rapids, Mich.
Drost, Vincent Myrenus.....	Fremont, Mich.
Engels, Gerbrand.....	Grand Rapids, Mich.
Ezinga, Flora.....	Grand Rapids, Mich.
Gesink, Christian.....	Denver, Colo.
Goldsword, Norman Meerman.....	Shaker Heights, Ohio
Goudzward, Marguerite Ruth.....	Grand Rapids, Mich.
Grevengoed, Donald James.....	Holland, Mich.
Grotenhuis, Lewis John.....	Cedar Grove, Wis.
Hamersma, John.....	Ridgewood, N. J.
Hansma, Kenneth Peter.....	Grand Rapids, Mich.
Haverkamp, William.....	Grand Rapids, Mich.
Heyboer, Connie C.....	Grand Rapids, Mich.
Huisken, Frances J.....	Edgerton, Minn.
Jelles, Nicholas.....	Grand Rapids, Mich.
Kamper, Katie Ruth.....	Rudyard, Mich.
Kamper, Russell John.....	Holland, Mich.
Keessen, Philip Wesley.....	Lansing, Ill.
Kickert, Helen Sarah.....	South Holland, Ill.
Koning, Fanne P.....	Grand Rapids, Mich.
Koops, Anna Marie.....	Grand Rapids, Mich.
Kreulen, Henry.....	Grand Rapids, Mich.
Kromminga, Johanna Antonia.....	Grand Rapids, Mich.
Kuizema, Harmon John.....	Grand Rapids, Mich.
Lamberts, Jacob Justin.....	Fremont, Mich.
Lieffers, Marguerite W.....	Grand Rapids, Mich.
Medendorp, Jacob.....	Grand Rapids, Mich.
Molenbeck, Marie Joanne.....	Grand Rapids, Mich.
Mulder, Boyd Julius Russell.....	Grand Rapids, Mich.
Nieuwdorp, John.....	Grand Rapids, Mich.
Noordewier, Jeannette Anne.....	Grand Rapids, Mich.
Oosterhouse, Alice Johanna.....	Shepherd, Mont.
Paauwe, Maude Mary.....	West Sayville, N. Y.
Piersma, Henry.....	Grand Rapids, Mich.
Plantinga, Cornelius A.....	Holland, Mich.
Poel, Abel.....	Grand Haven, Mich.
Pott, Jerry.....	Byron Center, Mich.

Prins, Luwiena Kathryn.....	Grand Rapids, Mich.
Ronda, Chester.....	Grand Haven, Mich.
Rooks, Henry Corbyn.....	Grand Rapids, Mich.
Rottier, John Martin.....	Highlands, Ind.
Schaap, Marie C.....	Lucas, Mich.
Schuurmann, Augusta Joan.....	Orange City, Iowa
Smilde, John C.....	Oak Lawn, Ill.
Spoelhof, William.....	Paterson, N. J.
Steen, Sam Lambert.....	Paterson, N. J.
Steggerda, Orville Dale.....	Holland, Mich.
Sterenber, John.....	Holland, Mich.
Storm, Tressa Joan.....	Grand Rapids, Mich.
Stuurman, Don.....	Lynden, Wash.
Timmer, John Marvin.....	Holland, Mich.
Timmermann, John Johnson.....	Paterson, N. J.
Van Appeldorn, John Louis.....	Holland, Mich.
Van Dam, Hilda.....	Grand Rapids, Mich.
Van de Burgt, Jennie.....	Rock Valley, Iowa
Van de Burgt, Sophie.....	Rock Valley, Iowa
Van den Akker, Madeline.....	Whitinsville, Mass.
Van den Berg, Jay.....	Grand Rapids, Mich.
Van der Heide, Henriette Catherine.....	Sioux Center, Iowa
Van der Meer, John.....	Chicago, Ill.
Van der Ploeg, James.....	Oostburg, Wis.
Van der Schalie, John.....	Paterson, N. J.
Van der Vennen, Herman.....	Grand Rapids, Mich.
Van der Vennen, Senetta.....	Grand Rapids, Mich.
Van der Vliet, Teresa.....	Grand Rapids, Mich.
Van der Waal, Gertrude Lena.....	Grand Rapids, Mich.
Van der Zee, Gertrude.....	Whitinsville, Mass.
Van der Zwaag, Marinus.....	Spring Lake, Mich.
Van Dyke, Dorothy Anne.....	Grand Rapids, Mich.
Van Kuiken, Sophia.....	Grand Rapids, Mich.
Van Laar, Gerard.....	Grand Rapids, Mich.
Van Laar, Helen.....	Rock Valley, Iowa
Van Liere, Cora.....	Holland, Mich.
Van Til, Claire.....	Fremont, Mich.
Van Valkenburg, Cornelius.....	Grand Rapids, Mich.
Van Vliet, Elizabeth Petronella.....	Holland, Mich.
Van Buren, John.....	Hebron, Ill.
Van Wijk, Cornelia.....	Grand Rapids, Mich.
Venema, Jay.....	Grand Rapids, Mich.
Verbrugge, John Cornelius.....	Chandler, Minn.
Verhulst, Theodore Peter.....	Sheboygan, Wis.
Vertregt, Marcellus.....	Grand Rapids, Mich.
Werkema, Sidney Andrew.....	Grand Rapids, Mich.
Westveer, Anna.....	Grand Rapids, Mich.

Weyenberg, Henry.....	Hudsonville, Mich.
Yntema, Magdalena.....	Byron Center, Mich.
Youngs, George Roderick.....	Grand Rapids, Mich.
Zandstra, Jack.....	Dyer, Ind.
Zylstra, Andrew.....	Grand Rapids, Mich.
Zylstra, Henry.....	Platte, S. D.

FRESHMEN

Beckering, Jene.....	Leota, Minn.
Berkhof, John.....	Grand Rapids, Mich.
Blankers, Ernest Zeger.....	Lynden, Wash.
Bolt, Kathryn Cordelia.....	Grand Rapids, Mich.
Borst, Edward Benjamin.....	Grand Rapids, Mich.
Bos, Sidney J.....	Grand Rapids, Mich.
Bosma, Anna Mae.....	Grand Rapids, Mich.
Bouma, Jean Sylvia.....	Grand Rapids, Mich.
Brown, Wilver Ida.....	Grand Rapids, Mich.
Crawford, Evelyn Grace.....	Grand Rapids, Mich.
Dahm, John.....	Quincy, Ill.
Dams, Lester.....	Holland, Mich.
De Leeuw, Anita.....	Grand Rapids, Mich.
Dobbin, Henry Harold.....	Holland, Mich.
Duimstra, Fred.....	Sioux Falls, S. D.
Ekema, Sue.....	Orange City, Iowa
Eldersveld, Peter Herman.....	Muskegon, Mich.
Entingh, John.....	Grand Rapids, Mich.
Evenhouse, Henry John.....	Chicago, Ill.
Fennema, Lena Mae.....	Grand Rapids, Mich.
Frankena, August.....	Zeeland, Mich.
Geisel, John Bernard.....	Grand Rapids, Mich.
George, Floyd Enos.....	Grand Rapids, Mich.
Geurkink, Frederick John.....	Pease, Minn.
Gezon, Ruth Virginia.....	Grand Rapids, Mich.
Goudzwaard, Earl.....	Grand Rapids, Mich.
Harkema, Reinard.....	Grand Rapids, Mich.
Havinga, Anna.....	Grand Rapids, Mich.
Helmus, Winifred.....	Grand Rapids, Mich.
Hoffmaster, James Kenneth.....	Grand Rapids, Mich.
Hulst, Kathryn.....	Grand Rapids, Mich.
Jager, Carl.....	Jenison, Mich.
Jansen, Hermina.....	Hallock, Minn.
Jellema, Joe.....	Chicago, Ill.
Jelsma, Oscar.....	Grand Rapids, Mich.
Kemink, Claude.....	Shelby, Mich.
Kenyon, Harold Clifton.....	Merrit, Mich.
Klinge, Gertrude.....	Lucas, Mich.
Kloet, Cornelia.....	Grand Rapids, Mich.

Kos, Elizabeth.....	Grand Rapids, Mich.
Kramer, Henrietta.....	Chicago, Ill.
Lamberts, Peter.....	Fremont, Mich.
London, Mary.....	Grand Rapids, Mich.
Manni, Lawrence Charles.....	Grand Rapids, Mich.
Meerse, Levene.....	Cincinnati, Ohio
Meyering, Richard R.....	Lucas, Mich.
Minderhout, Arnold Christopher.....	North Olmstead, Ohio
Moes, Sadie.....	Gary, Ind.
Mulder, Walter Jr.....	Grand Rapids, Mich.
Muller, James William.....	Grand Rapids, Mich.
Nibbelink, William.....	Pella, Iowa
Oostendorp, Elco Herman.....	Zeeland, Mich.
Ottenhoff, Elizabeth Alice.....	Chicago, Ill.
Petter, Andrew.....	Ellsworth, Mich.
Ploeg, Katie Louise.....	Grand Rapids, Mich.
Quist, Arthur.....	McBain, Mich.
Reitsema, Mildred Louise.....	Grand Rapids, Mich.
Rooks, Julia Elizabeth.....	Grand Rapids, Mich.
Rubingh, John Henry.....	Ellsworth, Mich.
Rypkema, Beatrice Jeannette.....	Bay City, Mich.
Schaaf, Anna.....	Falmouth, Mich.
Schaap, Gertrude J.....	Lucas, Mich.
Schoolland, Marian Maggie.....	Grand Rapids, Mich.
Schuring, John Ofrein.....	Rochester, N. Y.
Sonnema, Harriet Jane.....	Grand Rapids, Mich.
Spoelstra, Anthony James.....	Shepherd, Mont.
Spyker, Albert.....	Grandville, Mich.
Stob, Henry.....	Chicago, Ill.
Ten Bos, Elsie.....	Garie, Minn.
Top, Annette Ruth.....	Grand Rapids, Mich.
Van Appeldoorn, Chester John.....	Holland, Mich.
Van Dellen, Theodore.....	Plainfield, Mich.
Van der Kooi, George.....	Vona, Colo.
Van der Meer, Jonathan Harry.....	Grand Rapids, Mich.
Van der Molen, Herman.....	Grand Rapids, Mich.
Van der Molen, Herman.....	Cicero, Ill.
Van de Werken, George.....	Chicago, Ill.
Van Hemert, Gertrude Caroline.....	Holland, Mich.
Van Kooten, Tunis.....	Prairie View, Kans.
Van Sloten, Annetta.....	Rock Valley, Iowa
Van Zee, Ada Florence.....	Corsica, S. D.
Ver Hoef, Marguerite Winifred.....	Holland, Mich.
Visscher, Bernard.....	Fremont, Mich.
Visser, Edward.....	Holland, Mich.
Visser, Pearl Nellie.....	Grand Rapids, Mich.
Vogel, Leroy.....	Corsica, S. D.

Warners, Joanne Marguerite.....	Grand Rapids, Mich.
Wassenaar, Nicholas.....	Byron Center, Mich.
Westing, Howard.....	Grand Rapids, Mich.
Wickstra, Peter Edward.....	New Era, Mich.
Wolthuis, Enno.....	Grand Rapids, Mich.
Wykhuis, Walter Arnold.....	Oostburg, Wis.
Zylstra, Anne.....	Orange City, Iowa
Zylstra, Clarence.....	Grand Rapids, Mich.

UNCLASSIFIED

Abma, Harry.....	Grand Rapids, Mich.
Butler, Cecelia Jane.....	Grand Rapids, Mich.
Haan, Raymond H.....	Kalamazoo, Mich.
Hanson, Hildur Naomi.....	Grand Rapids, Mich.
Hekman, Henrietta.....	Grand Rapids, Mich.
Huizenga, Ann Harriet.....	Grand Rapids, Mich.
Ludwig, Cornelius Emmet.....	Grand Rapids, Mich.
Van den Berg, Mabel.....	Grand Rapids, Mich.
Vos, Jennie.....	Grand Rapids, Mich.
Weeber, George.....	Grand Rapids, Mich.