

CALVIN COLLEGE

AN INSTITUTION OF THE
CHRISTIAN REFORMED
CHURCH



YEARBOOK
1934-1935

Academic Record for 1934-1935
Announcements for 1935-1936

GRAND RAPIDS, MICHIGAN

How to Address Correspondence

All correspondence should be sent to Calvin College, Grand Rapids, Michigan. In sending correspondence, the specific addresses given below should be used:

Regarding admission and graduation requirements, address the Dean.

Regarding records, transcripts, requests for literature, address the Registrar.

Regarding boarding or rooming places for girls, work for girl students, address the Dean of Women.

Regarding boarding or rooming places for men, whether or not in Calvin Dormitory, address the Committee on Dormitory and Boarding Places.

Regarding teaching positions after graduation, address the Placement Bureau.

Regarding alumni matters, address the Secretary of the Alumni Association.

All checks should be made payable and correspondence concerning them sent to the Treasurer, Calvin College.

Table of Contents

| | |
|---|----|
| How to Address Correspondence..... | 2 |
| Table of Contents..... | 3 |
| Calendar of the College..... | 5 |
| Board of Trustees..... | 6 |
| Faculty | 9 |
| Admission | 11 |
| Aim | 11 |
| Freshman Standing | 11 |
| Advanced Standing | 13 |
| Unclassified Students | 14 |
| Student Expenses | 15 |
| Tuition and Other Fees..... | 15 |
| Living Expenses | 16 |
| Board and Room with Private Families..... | 16 |
| Calvin Dormitory, Board and Room at..... | 17 |
| Student Aid | 18 |
| Scholarships and Prizes | 18 |
| Prizes and Awards | 19 |
| Placement Bureau | 20 |
| Administration | 21 |
| Religious Culture | 21 |
| Physical Education | 21 |
| Attendance | 21 |
| Grades and Honor Points | 21 |
| Examinations and Written Work | 22 |
| Dropping and Changing of Courses | 23 |
| Class Visitors | 23 |
| Dismission | 23 |
| Requirements for Graduation..... | 24 |
| General College | 24 |
| Pre-Seminary | 26 |
| Education | 26 |
| Pre-Medical and Pre-Dental | 28 |
| Four-Year Pre-Medical Course | 29 |
| Pre-Law | 30 |
| Pre-Engineering | 31 |
| Pre-Business Administration Course | 32 |
| Pre-Forestry | 32 |
| Pre-Nursing Course | 34 |

| | |
|---------------------------------------|----|
| Description of Courses | 35 |
| Art | 35 |
| Bible | 35 |
| Chemistry | 36 |
| Dutch | 36 |
| Economics and Sociology | 38 |
| Education | 39 |
| Engineering Drawing and Statics | 41 |
| English | 42 |
| French | 43 |
| German | 43 |
| Greek | 44 |
| History | 45 |
| Latin | 46 |
| Mathematics | 47 |
| Music | 48 |
| Organic Science | 49 |
| Philosophy | 50 |
| Physics | 51 |
| Political Science | 51 |
| Psychology | 51 |
| Public Speaking | 52 |
| Sociology | 52 |
| Register of Students | 53 |

CALENDAR

1935

| | |
|----------------------------|-----------------------------------|
| January 3, 7:00 A. M. | Christmas Vacation ends. |
| January 14-18. | Final Examinations. |
| January 18. | First Semester closes. |
| January 18-19. | Registration for Second Semester. |
| January 22. | Second Semester begins. |
| February 22. | Washington's Birthday. |
| March 13. | Day of Prayer. |
| March 22, 6:00 P. M. | Spring Vacation begins. |
| April 2, 7:00 A. M. | Spring Vacation ends. |
| April 3-4. | Re-examinations. |
| May 23-31. | Final Examinations. |
| June 4. | Commencement. |

Summer Vacation

| | |
|--------------------------------|----------------------------------|
| September 4, 9:00 A. M. | Enrolment of New Students. |
| September 4-5, 9:00 A. M. | Registration for First Semester. |
| September 5, 9:00 A. M. | Opening Exercises. |
| September 5-6. | Re-examinations. |
| November 28-29. | Thanksgiving Recess. |
| December 20, 6:00 P. M. | Christmas Vacation begins. |

1936

| | |
|----------------------------|-----------------------------------|
| January 7, 7:00 A. M. | Christmas Vacation ends. |
| January 16-24. | Final Examinations. |
| January 24. | First Semester closes. |
| January 18-19. | Registration for Second Semester. |
| January 28. | Second Semester begins. |
| March 11. | Day of Prayer. |
| March 20, 6:00 P. M. | Spring Vacation begins. |
| March 31, 7:00 A. M. | Spring Vacation ends. |
| April 1-2. | Re-examinations. |
| May 21 to 29. | Final Examinations. |
| June 2. | Commencement. |

BOARD OF TRUSTEES

OFFICERS

The Rev. Wm. P. Van Wyk.....President
 The Rev. Y. P. De Jong.....Vice-President
 The Rev. Lambertus J. Lamberts.....Secretary
 The Rev. Daniel Zwier.....Assistant Secretary

MEMBERS

CLASSIS CALIFORNIA

| | Term Expires |
|---|--------------|
| The Rev. Jacob Bolt.....Redlands, Calif. | 1938 |
| The Rev. Richard J. Frens.....Hanford, Calif. | 1936 |

CLASSIS GRAND RAPIDS, EAST

| | |
|---|------|
| The Rev. William P. Van Wyk.....Grand Rapids, Mich. | 1938 |
| The Rev. James Bruinooge.....Moline, Mich. | 1936 |

CLASSIS GRAND RAPIDS, WEST

| | |
|--|------|
| The Rev. Ymen P. De Jong, Th.D.....Grand Rapids, Mich. | 1938 |
| The Rev. Garret Hofmeyer.....Grand Rapids, Mich. | 1936 |

CLASSIS HACKENSACK

| | |
|---|------|
| The Rev. John J. Hiemenga.....Paterson, N. J. | 1938 |
| The Rev. Dirk De Beer.....Passaic, N. J. | 1936 |

CLASSIS HOLLAND

| | |
|--|------|
| The Rev. Daniel Zwier.....Holland, Mich. | 1938 |
| The Rev. Lambertus Veltkamp.....Holland, Mich. | 1936 |

CLASSIS HUDSON

| | |
|---|------|
| The Rev. James Holwerda.....Paterson, N. J. | 1938 |
| The Rev. John Walkotten.....Paterson, N. J. | 1936 |

CLASSIS ILLINOIS

| | |
|---|------|
| The Rev. Peter A. Hoekstra.....Cicero, Ill. | 1938 |
| The Rev. Gerrit Hoeksema.....Chicago, Ill. | 1936 |

CLASSIS MUSKEGON

| | |
|---|------|
| The Rev. Lambertus J. Lamberts.....Fremont, Mich. | 1938 |
| The Rev. John Dolfin.....Muskegon, Mich. | 1936 |

CLASSIS ORANGE CITY

| | |
|---|------|
| The Rev. Ralph Bronkema, Th.D.....Orange City, Iowa | 1938 |
| The Rev. William Bajema.....Sheldon, Iowa | 1936 |

CLASSIS OSTFRIESLAND

| | |
|---|------|
| The Rev. Anthony A. Koning.....Renville, Minn. | 1938 |
| The Rev. William Bode, Th.D.....Clara City, Minn. | 1936 |

CLASSIS PACIFIC

| | |
|--|------|
| The Rev. Jacob Mulder.....Nobleford, Alta., Canada | 1938 |
| The Rev. John M. Byleveld.....Oak Harbor, Wash. | 1936 |

CLASSIS PELLA

| | |
|--|------|
| The Rev. Paul De Koekoek.....Otley, Iowa | 1938 |
| The Rev. Idzert Van Dellen.....Denver, Colo. | 1936 |

BOARD OF TRUSTEES

7

CLASSIS SIOUX CENTER

| | Term Expires |
|--|--------------|
| The Rev. John H. Geerlings.....New Holland, So. Dak. | 1938 |
| The Rev. John M. Dykstra.....Sioux Center, Iowa | 1936 |

CLASSIS WISCONSIN

| | |
|--|------|
| The Rev. William Terpsma.....Sheboygan, Wis. | 1938 |
| The Rev. John C. Schaap.....Oostburg, Wis. | 1936 |

CLASSIS ZEELAND

| | |
|---|------|
| The Rev. Ebo J. Krohne.....Hudsonville, Mich. | 1938 |
| The Rev. William Kok.....Zeeland, Mich. | 1936 |

EXECUTIVE COMMITTEE

The Rev. Lambertus Veltkamp, President
 The Rev. Lambertus J. Lamberts, Secretary
 The Rev. James Bruinooge
 The Rev. Ymen P. De Jong, Th. D.
 The Rev. Ebo J. Krohne

COMMITTEE ON FINANCES

| | |
|----------------------------------|-----------------------------|
| Mr. Gerrit J. Rooks, President | The Rev. William Kok |
| The Rev. Daniel Zwier, Secretary | Mr. Tony Noordewier |
| Mr. Gerrit L. Dornbos | Dr. Albert B. Poppen |
| Mr. John Hekman | The Rev. William P. Van Wyk |
| Mr. Benjamin W. Hertel | Mr. Fred L. Winter |

| | |
|--|---------------------------|
| Mr. Tony Noordewier, Treasurer..... | 855 Kalamazoo Ave., S. E. |
| Mr. Henry Voss, Assistant Treasurer..... | 1117 Neland Ave., S. E. |
| Miss Caroline Veen, Clerk..... | 1020 Benjamin Ave., S. E. |
| Mr. E. J. Norden, Janitor..... | 1130 Thomas St., S. E. |

THE FACULTY

- RALPH STOB, Ph. D., *President*
Professor of the Greek Language and Literature
1301 Calvin Avenue, S. E. Telephone 3-4803
- ALBERTUS ROOKS, A. M., *Dean*
Professor of the Latin Language and Literature
737 Benjamin Avenue, S. E. Telephone 5-1221
- KLAAS SCHOOLLAND
Professor Emeritus of the Greek Language and Literature
854 Worden Street, S. E. Telephone 5-7188
- JACOB G. VAN DEN BOSCH, A. M.
Professor of the English Language and Literature
857 Bates Street, S. E. Telephone 5-6054
- ALBERT E. BROENE, A. B.
Professor of Modern Languages
1417 Thomas Street, S. E. Telephone 3-3835
- JOHANNES BROENE, A. M.
Professor of Education and Psychology
1409 Fisk Street, S. E. Telephone 5-9930
- JOHN P. VAN HAITSMAN, Ph. D.
Professor of Organic Science
1027 Benjamin Avenue, S. E. Telephone 3-6826
- JAMES NIEUWDORP, B. S.
Professor of Mathematics
900 Benjamin Avenue, S. E. Telephone 5-3765
- HENRY J. G. VAN ANDEL, A. M.
Professor of the Holland Language and Literature
1231 Giddings Avenue, S. E. Telephone 5-5096
- PETER HOEKSTRA, Ph. D., *Secretary*
Professor of History and Political Science
1015 Worden Street, S. E. Telephone 3-4710
- HENRY J. RYSKAMP, Ph. D.
Professor of Economics and Sociology
1201 Sherman Street, S. E. Telephone 9-3857
- WILLIAM HARRY JELLEMA, Ph. D.
Professor of Philosophy
1312 Giddings Avenue, S. E. Telephone 5-3008
- HARRY G. DEKKER, M. S., *Registrar*
Professor of Chemistry
1309 Alexander Street, S. E. Telephone 3-4640
- THE REV. H. HENRY MEETER, Th. D.
Professor of Bible
1045 Fuller Avenue, S. E. Telephone 5-7692

| | |
|---|------------------|
| HENRY VAN ZYL, Ph. D. <i>Professor of Educational Methods</i> 1143 Fuller Avenue, S. E. | Telephone 5-6600 |
| SEYMOUR SWETS, A. M. <i>Professor of Public Speaking and Music</i> 1300 Underwood Avenue, S. E. | Telephone 5-1229 |
| JOHANNA TIMMER, A. M. <i>Dean of Women and Instructor in English</i> 1005 Bates Street, S. E. | Telephone 3-8383 |
| LAMBERT J. FLOKSTRA, A. M. <i>Instructor in Education</i> 1126 Alto Avenue, S. E. | Telephone 3-7089 |
| EDWIN Y. MONSMA, M. S. <i>Instructor in Biology</i> 1236 Allerton Avenue, S. E. | Telephone 5-9861 |
| HARRY J. WASSINK, A. B., B. S. <i>Instructor in Physics and Engineering</i> 1046 Toren Court, S. E. | Telephone 5-4578 |
| WILLIAM THOMAS RADIUS, A. M. <i>Assistant in Greek</i> 1202 Hall Street, S. E. | Telephone 5-6854 |
| <hr/> | |
| WILLIAM CORNELISSE <i>Director of Athletics</i> 1448 Hall Street, S. E. | Telephone 3-2704 |
| JOSEPHINE BAKER, A. B. <i>Librarian</i> 936 Twelfth Street, N. W. | |
| DANIEL DE VRIES, A. B., M. D. <i>Medical Examiner</i> 1001 Kalamazoo Avenue, S. E. | Telephone 3-8462 |

Standing Committees of the Faculty

ATHLETICS, BOARDING PLACES, AND DORMITORY—Ryskamp, Dekker, and Meeter.

SCHOLARSHIP AND DISCIPLINE—Jellema, Dekker, and Van den Bosch.

EDUCATIONAL POLICY AND NORMAL TRAINING—Rooks, A. E. Broene, J. Broene, Nieuwdorp, Ryskamp, Van Haitsma.

RELIGIOUS AND SOCIAL ACTIVITIES—Meeter, Swets, Miss Timmer, and Radius.

LIBRARY—Stob, Nieuwdorp, and Miss Timmer.

PUBLICATION—Van den Bosch, Van Haitsma, Monsma, Wassink.

PLACEMENT BUREAU—Van Zyl, Rooks, and Flokstra.

ADMISSION

Aim

CALVIN COLLEGE exists under the auspices of the Christian Reformed Church in America, 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 students' intellectual, emotional, and imaginative activities shall be permeated with the spirit and teaching of Christianity.

Admission

ALL APPLICATIONS for admission to Calvin College should be made to the Dean. Blanks will be furnished on request.

All applicants for admission must present a satisfactory written testimonial of good moral conduct. One who intends to study for the ministry must in addition present a recommendation from his consistory endorsing him for the ministry.

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. The Faculty has the right, however, to accept during the school year students that meet the requirements.

All certificates and testimonials should be submitted to the Dean as soon as possible, and not later than the day of registration.

Freshman Standing

STUDENTS are admitted to Freshman standing on one of the following three plans:

PLAN A. ADMISSION BY CERTIFICATE. To be admitted on this plan, the applicant must meet the following four requirements:

1. *Certification.* The applicant must submit a certificate from an accredited school.

2. *Amount of work.* This certificate must testify to the satisfactory completion of fifteen units of work. By a unit of work is meant the equivalent of five recitations a week for thirty-six weeks in one branch of study.

3. *Prescribed work.* Certain of these fifteen units are prescribed. How many and which units are prescribed depends on the college course to which the applicant seeks admission with Freshman standing, as follows:

For admission to the *General College* course, nine units prescribed:

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

For admission to the *Pre-Seminary* course, twelve units prescribed:

| | | | |
|----------------|---------|---------------|---------|
| Algebra | 1 unit | History | 2 units |
| English | 3 units | Latin | 2 units |
| Geometry | 1 unit | Science | 1 unit |
| German | 2 units | | |

For admission to the course in *Education*, nine units prescribed:

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

For admission to the *Pre-Medical* course (this applies also to such as intend later to study *Dental Surgery*), ten and one-half units prescribed:

| | | | |
|-----------------|----------|---------------|---------|
| Algebra | 1½ units | History | 1 unit |
| Chemistry | 1 unit | Latin | 2 units |
| English | 3 units | Physics | 1 unit |
| Geometry | 1 unit | | |

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

For admission to the *Pre-Law* course, nine units prescribed:

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

For admission to the *Pre-Engineering* course (this applies also to such as intend later to study *Architecture*), nine and one-half units are prescribed:

| | | | |
|-----------------------------|----------|------------------------------|----------|
| Algebra | 1½ units | Geometry | 1½ units |
| English | 3 units | History | 1 unit |
| Foreign Languages, any one: | | Laboratory Science, any one: | |
| Dutch, French, German, | | Biology, Botany, Chemistry, | |
| Greek, or Latin..... | 2 units | Physics, or Zoölogy..... | 1 unit |
| | | Trigonometry | ½ unit |

(If the applicant is unable to fulfil the requirement in Trigonometry, he may substitute one full additional unit of Foreign Languages. In that case, he will, however, be required to take Trigonometry in college in addition to the other requirements of the Pre-Engineering course.)

4. *Distribution of work.* After in each instance deducting the number of units prescribed, the remainder of the fifteen units must be distributed in the following list; except that two units *may* consist of subjects which, though not included in the following list, are counted toward graduation by the accrediting school.

| | | | |
|-----------------------|--------------|-------------------|---------------|
| Algebra | 1 to 2 units | Geometry | 1 to 1½ units |
| Bible | 1 unit | German | 2 to 4 units |
| Botany | ½ to 1 unit | Greek | 1 to 3 units |
| Chemistry | 1 unit | History | 1 to 3 units |
| Civics, Economics | | Introd. Science.. | ½ to 1 unit |
| and Sociology .. | ½ to 1 unit | Latin | 2 to 4 units |
| Dutch | 2 to 4 units | Physics | 1 unit |
| English | 3 to 4 units | Physiology | ½ unit |
| French | 2 to 4 units | Spanish | 2 to 4 units |
| Geography and Geology | | Trigonometry .. | ½ unit |
| | ½ to 1 unit | Zoölogy | ½ to 1 unit |

PLAN B. ADMISSION BY EXAMINATION. Applicants who are unable to furnish approved certificates and are therefore unable to meet the first requirement of PLAN A, may be admitted if by passing satisfactory examinations they can meet the other requirements of PLAN A. Further particulars regarding such examinations may be obtained from the Dean.

PLAN C. PROVISIONAL ADMISSION. An applicant for admission, whether on PLAN A or on PLAN B, who meets all the requirements save that he fails by not more than one unit to satisfy the requirements either as to prescribed work or as to distribution of work, may be admitted provisionally. Such deficiency must, however, be made good during the first year of residence.

Advanced Standing

ADVANCED STANDING (in other words, college credit), is granted in the following cases:

1. When the applicant submits from an accredited college, junior college, or normal school, a certificate of honorable dismissal and a transcript of the studies pursued. However, no applicant is allowed more than sixteen hours of credit for each semester of work taken at some other recognized institution.

2. When the applicant, at the time of entrance, passes satisfactory examinations in the subjects in which he desires advanced standing.

3. When the applicant, having at the time of entrance declared the subjects in which he desires advanced standing, then during his first year of residence at Calvin College creditably completes, in the respective departments of study concerned, courses which presuppose a satisfactory knowledge of the work for which advanced standing is asked.

4. When the applicant submits from an accredited high school, in excess of sixteen units for admission, credits in subjects which are also taught in college; provided that for at least one semester he successfully continues work in these subjects at Calvin College. The limit of such college credit allowance is six hours.

5. When the applicant submits credits from an accredited high school for work done after graduation, provided these credits are in courses taught in both high school and college. No more than ten hours will be allowed for a full semester's work.

Admission to advanced standing does not excuse the student from meeting the specified requirements for graduation from Calvin College. For example, students entering as sophomores in the General College course must for graduation earn ninety-four honor points, those entering as juniors sixty-two and one-half honor points, those entering as seniors thirty-one honor points.

To students coming from other colleges not more than sixteen hours of credit will be allowed for every full semester's work.

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

Students expecting advanced standing for work done at other institutions should bring full credentials, and should at the time of entrance consult the Dean.

Unclassified Students

APPlicants for admission who are not candidates for graduation may be enrolled for such studies as their preparation qualifies them to pursue with profit. Such applicants should consult the Dean regarding arrangements.

STUDENT EXPENSES

Tuition and Other Fees

ALL TUITION and other fees are charged by the semester, and must be paid to the College Treasurer during the first five days from the time of registration for the semester. To this rule there is one exception; as follows:

The graduation fee need not be paid till just before the time of admission to final examinations.

GYMNASIUM FEE. All students pay a gymnasium fee of two and one-half dollars each semester.

ORGANIZATION FEE. All students pay an organization fee of two and one-half dollars each semester for the benefit of all-school activities.

REGULAR TUITION FEE. The regular tuition is fifty dollars a semester. In certain instances, however, reductions are made; as follows:

For two students from one family residing west of the Ohio River and east of the Mississippi River, the tuition fee for each is thirty-seven and one-half dollars a semester.

For students residing east of the Ohio River, the tuition fee is thirty-three and one-half dollars a semester; for two students from one family residing in the region defined, the tuition fee for each is twenty-seven dollars a semester.

For students residing west of the Mississippi River but east of Montana, Wyoming, Colorado, and New Mexico, the tuition fee is thirty-three and one-half dollars a semester; for two students from one family residing in the region defined, the tuition fee for each is twenty-seven dollars a semester.

For students residing in Montana, Wyoming, Colorado, New Mexico, or in points west of these states, the tuition fee is seventeen and one-half dollars a semester.

For students in the pre-Seminary course the tuition will be the same as that charged students in other courses; upon admission to our Seminary, however, the excess paid over and above the rates specified in the College catalog of 1931 on page 21 (previously approved by the Board and Synod) will be credited toward tuition in the Seminary until absorbed.

In calculating the tuition fee, residence is determined as follows:

Residence of minors is that of their parents or legal guardians.

Residence of a married man is considered that of his established home during the semester preceding the date of registration.

Residence of all others is considered local.

EXCESS HOURS. Students taking in excess of seventeen semester hours will be charged an extra fee of six dollars for each such excess semester hour.

LESS THAN NINE HOURS. Students taking less than nine semester hours have their tuition fee computed at the rate of six dollars for each semester hour.

LABORATORY FEE. An extra fee is charged in some laboratory courses to cover cost of material, wear and tear of instruments, and the like. Amount of such laboratory fee is indicated in the catalog in the description of the specific courses.

PRACTICE FEE. A practice fee of six dollars a semester is paid by students who register for practice teaching.

GRADUATION FEE. The general graduation fee, including diploma, is five dollars.

LATE REGISTRATION. A fee of one dollar will be charged for late registration.

REFUNDMENT. No refunds will be made to any student expelled, suspended, or requested to withdraw on account of conduct or poor scholarship.

If a student withdraws voluntarily, and in good standing, within two weeks after the first day of enrolment, tuition and all fees except \$5 to cover registration, will be refunded; if before the end of eight weeks, one-half of the total fees (tuition and miscellaneous fees) will be returned; and after eight weeks, no part will be refunded.

Living Expenses

LIVING EXPENSES, including board, room rent, fuel, light, laundry, and text books, are from \$200.00 up.

Board and Room with Private Families

BOARD in private families will cost from four to eight dollars a week.

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

Any student or prospective student who desires assistance in procuring a private rooming or boarding place, should apply to the Committee on Dormitory and Boarding Places, Calvin College. This committee constantly keeps on file a list of such places, and will do all in its power to obtain for the student the kind of place desired. Correspondence is cordially invited.

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.

Girl students who wish to work for board and room should correspond with the Dean of Women, Calvin College, who will gladly render all possible assistance.

Board and Room at Calvin Dormitory

MALE STUDENTS may obtain board and room at the college dormitory for five dollars a week and upward. Application for admission should be made to the Committee on Dormitory and Boarding Places, Calvin College. Since new applications are given preference according to time of filing, the applicant is advised to correspond with the committee as soon as he has made up his mind to reside at the Dormitory.

Applicants accepted for admission to the Dormitory are responsible for their rooms for one semester.

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

STUDENT AID

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 members 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, 1935.

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

FRESHMAN SCHOLARSHIPS. Each year Calvin College offers a scholarship, consisting of free tuition for the Freshman year, to a member of the graduating class in each of the five Christian High Schools (Eastern, Chicago, Grand Rapids, Holland, and Western), who is recommended thereto by the faculty of that school, in accordance with the following conditions:

1. The recommendation shall be on the basis of scholarship, Christian character, personality, and promise of growth.
2. The recipient must have fulfilled regular college admission requirements.
3. The recipient should expect to complete the course at Calvin.
4. The recipient should have been in residence at the high school from which he graduates for at least his junior and senior years.
5. If in the opinion of the faculty of any of these schools no suitable candidate is available, no award shall be made in that particular year.

BROODMAN ORATORICAL PRIZES.—Through the generosity of Dr. G. J. Broodman of Grand Rapids, Michigan, gold, silver, and bronze

PRIZES AND AWARDS

19

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. 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 women, of \$15.00, \$10.00, and \$5.00. The first prize winner represents Calvin in the state oratorical contest of the Michigan Intercollegiate Speech 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."

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 some missionary subject. Competition for these prizes is open not only to the college students, but also to those of the seminary. 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 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.

Placement Bureau

A PLACEMENT BUREAU which will effect the placing of prospective teachers, graduates from Calvin College, 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.

ADMINISTRATION

Religious Culture

IN ACCORD with its specific aim and with its belief that this aim cannot be attained unless the religious side of the student's life receives due attention, the College makes religious instruction, either doctrinal or historical, compulsory for all classes of students. Ten hours of such religious instruction must be taken during the four college years in accordance with a set program.

Furthermore, all students are required to attend the devotional exercises held in the auditorium each school day at 9:40 A. M.

It is understood, too, that on the Sabbath every student worships regularly at some church of his own selection.

At least once in a school year each student is visited by some professor, the object of this visit being 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.

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.

Attendance

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.

Grades and Honor Points

REPORT CARDS are sent out at the end of each semester.

In grading the work of students a literal system equivalent in honor points is used; as follows:

| MARK | 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 by re-examination. | Minus 1 |
| F | Failure. No re-examination. | Minus 2 |
| Inc. | Work not completed. | |

The mark E can be removed only by a re-examination passed with a grade of C or better. Such re-examination must be taken at the appointed time within the next semester. Responsibility for arranging for re-examination at the appointed time, for securing from the instructor concerned a signed removal slip without which no change is made in the Registrar's entries, and for presenting such removal slip to the Registrar, lies with the student. Should the student fail to remove his condition, the mark E is automatically graded F.

For a course marked F a student can receive credit only by satisfactorily repeating the whole course.

To remove a mark Inc. the student must secure credit for the course by satisfying the instructor, within two semesters. Responsibility for securing such credit and for obtaining from the instructor concerned a signed removal slip without which no change is made in the Registrar's entries, and for presenting such removal slip to the Registrar, lies with the student. Should a student fail to remove the mark Inc. within the allotted time, the mark automatically becomes F.

When the record of a student suggests doubt as to his fitness to do more advanced work in a particular department, his case is determined jointly by the Dean and the instructors concerned.

Examinations and Written Work

REGULAR examinations, in writing, are held at the close of each semester. In addition, tests and written recitations are given frequently during the year, with or without previous notice, at the option of the instructor.

Supplementary examinations for admission and for the removal of conditions are held on the first Thursday, Friday, and Saturday of the school year, and on the first Tuesday and Wednesday after the spring vacation.

Term papers and book reports (not including weekly or bi-weekly assignments) shall be in three weeks before the final examinations. Students who fail to submit such written work on time will receive an Inc. in that course unless a written excuse be obtained from the Dean. Removal of such an Inc. may be made in the regular way (see page 22), but with a demerit of at least one point on the semester's standing. Thus A becomes B, B becomes C, and so forth.

Any student found guilty of dishonesty in any examination or test or required written work of any character, will be graded F in the course, besides being subject to discipline.

Dropping and Changing of Courses

AFTER a student has enrolled for a study, he may not drop it without written permission of the Dean. A student may not change his course of study without permission from the Dean.

Class Visitors

UNDER certain conditions, students may attend classes as visitors or auditors. Permission to do so must be obtained from the office.

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.

REQUIREMENTS FOR GRADUATION

THE COLLEGE graduates or certifies students from the following courses: General College, pre-Seminary, Education, pre-Medical, pre-Law, pre-Engineering, Business Administration, Forestry, and Nursing.

Every student (except those few who register as "Unclassified") must, in addition to the physical education required of freshmen and sophomores, fulfill the requirements of the course from which he elects to graduate. The requirements in each course are listed below.

By an hour of credit is meant in each case the equivalent of one recitation a week in one subject for one semester. The number of hours of credit given for a particular subject is indicated in the description of that subject to be found under DESCRIPTION OF COURSES.

By department is meant any one of the following: Art, Bible, Chemistry, Dutch, Economics and Sociology, Education, English, French, German, Greek, History, Latin, Mathematics, Music, Organic Science, Philosophy, Physics, Political Science, Public Speaking.

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

When no full course is completed, a statement is given of the studies which the student has successfully completed.

General College

1. AMOUNT OF WORK. The student must complete 125 hours of work.

2. GRADE OF WORK. The student must obtain a total of 125 honor points; in other words, must obtain an average grade of C.

3. PRESCRIBED WORK. Of the 125 hours required, the following are prescribed:

| | |
|--|----------|
| Bible 101, 102, 201, 202, 301 | 10 hours |
| English 103, 104 | 6 hours |
| French or German | 12 hours |
| History | 6 hours |
| Philosophy (not including Psychology or Logic) | 6 hours |
| Natural Science | 10 hours |
| Latin 10 hours or Greek 14 hours | |

If the student has had French or German in high school, the number of hours prescribed in the College may be reduced by six hours for a unit of work. But every student is required to take in the College at least six hours of either French or German.

If, choosing between Latin and Greek, the student elects Latin and has had Latin in high school, the number of hours prescribed in the College may be reduced by five hours for every unit of high school work. If he elects Greek and has had Greek in high school, the number of hours prescribed in the College may be reduced by eight hours for a unit of first-year work, and by six hours for a unit of second-year work.

4. DISTRIBUTION OF WORK. MAJORS AND MINORS. To insure proper distribution of the student's work, the departments of study have been divided into three groups; as follows:

- Group I. Art, Dutch, English, French, German, Greek, Latin, Music, Public Speaking.
- Group II. Chemistry, Mathematics, Physics, Organic Science, Psychology.
- Group III. Bible, Economics and Sociology, Education, History, Philosophy, Political Science.

The student must so distribute the total 125 hours (including, therefore, those prescribed) among the three groups that he complies with the following restrictions:

- a. The student must choose one of these three groups as his major and another group as his minor.
- b. In his major group the student must choose two departments in one of which he completes a sequence of at least twenty-one hours and in the other of which he completes a sequence of at least twelve hours (or fifteen hours if he desires a Teachers' Certificate). Besides, he must take an additional three hours in either of these two departments. The total number of hours required in the major group is, therefore, thirty-six.
- c. In his minor group the student must choose one department in which he completes a sequence of twelve hours. Besides, he must take an additional six hours within his minor group. The total number of hours required in the minor group is, therefore, eighteen.
- d. Should a student choose Group II as his major or his minor group, and should he further choose Psychology as a sequence in this group, nine hours of Psychology and three hours of Logic will be accepted as a twelve-hour sequence.
- e. At least one-half of the work taken in residence beyond the sophomore year must be in courses not open to freshmen.

5. DEGREE. On satisfactory completion of this course, the student will receive the degree of bachelor of arts.

6. STATE TEACHERS' LIFE CERTIFICATE. To be eligible for recommendation for a State Teachers' Life Certificate the student must on graduation have to his credit a total of 125 hours. In this total there must be included the required courses in the subject or subjects of his preference and twenty hours of Education including the following courses:

Education 101 or Philosophy 201.
 Education 102.
 Education 303, or 305 and 306, or 309.
 Education 221 or 223 or 225.
 A Method Course selected from Education 230-240, or 310, or 320.
 Education 321 or 324, 325, and 330m.

Pre-Seminary

1. AMOUNT OF WORK. The student must complete 125 hours of work.

2. GRADE OF WORK. The student must obtain a total of 125 honor points; in other words, must obtain an average grade of C. To receive in addition the faculty's recommendation for admission to Calvin Seminary, the student must obtain one and one-third times as many honor points as hours of credit.

3. PRESCRIBED WORK. The following 121 hours of work are prescribed:

| | | | |
|--------------------------|----------|-----------------------|----------|
| Bible 201, 202, 301, 302 | 8 hours | Dutch History | 3 hours |
| Dutch | 20 hours | Latin | 12 hours |
| Education 301 | 3 hours | Organic Science | 6 hours |
| English | 12 hours | Philosophy (including | |
| German 202 | 3 hours | Psychology and | |
| Greek | 20 hours | Logic) | 12 hours |
| New Testament Greek | 4 hours | Public Speaking | 6 hours |
| History | 6 hours | Sociology | 6 hours |

The student who is deficient in the two units of high school German required for admission to the pre-Seminary course, and who to make good this deficiency takes German in the College, will not be required to take three additional hours of college German.

4. ELECTIVES. None of the elective hours may be applied for meeting any deficiencies in high school subjects which the student may have on admission to the course.

5. DEGREE. On satisfactory completion of this course, the student will receive the degree of bachelor of arts.

Education

1. AMOUNT OF WORK. The student must complete 125 hours of work.

2. GRADE OF WORK. The student must obtain a total of 125 honor points; in other words, must obtain an average grade of C.

3. PRESCRIBED WORK. Of the 125 hours required, the following are prescribed:

| | |
|--|----------|
| Bible 101, 102, 201, 202, 301 | 10 hours |
| Education 101 | 3 hours |
| English 103, 104, preferably 201 and 202 | 12 hours |
| History 101, 102 | 6 hours |
| History 323-326, Greek 315, Latin 320 | 6 hours |
| | <hr/> |
| | 37 hours |

In addition to the foregoing, a student has choice between the following sets of requirements:

a. For teaching in Elementary Schools:

| | |
|--|----------|
| Art 227 (no credit), 301 | 3 hours |
| Economics 101 | 3 hours |
| Education 102, 303 or 309 (or 305 and 306), 221 or 225, 230, 234, 232 or 236 or 238, 301 or 320, 321, 325 | 26 hours |
| Foreign Language | 12 hours |
| Music 201 | 2 hours |
| Organic Science 102, 103 or 104 | 4 hours |
| Public Speaking 101 or 103 | 2 hours |
| | <hr/> |
| | 52 hours |
| | 36 hours |

Electives

b. For teaching in Junior and Senior High Schools:

| | |
|---|----------------|
| Education 102, 223, 232-240 (3 hours), 308, 303 or 309 or (305 and 306), 324, 325, 330m | 20 hours |
| French or German | 12 hours |
| Greek 101, 102, 313, 314 (12 hours) or Latin 101-102, 103-104 (10 hours) or Natural Science | 10 or 12 hours |
| Mathematics or Philosophy 203, 204 | 6 hours |
| Sociology | 6 hours |
| | <hr/> |
| | 54 or 56 hours |
| | 34 or 32 hours |

Electives

Prospective teachers in elementary schools may offer 6 hours of mathematics or 6 additional hours of natural science instead of the 6 required hours in history.

Students are strongly advised also to take Bible 302 or 304.

If the student has had a foreign language in high school, the number of hours prescribed in the College may be reduced by six hours for each unit. But every student is required to take in the College at least six hours of a foreign language.

4. DISTRIBUTION OF ELECTIVES. The student must so distribute his electives that at the end of his course he will have a total of at least fifteen hours in each of two departments other than Education.

5. DEGREE. On satisfactory completion of this course the student will receive the degree of bachelor of arts in education, and will be recommended for a State Teachers' Life Certificate.

Pre-Medical and Pre-Dental

1. AMOUNT OF WORK. The student must complete 95 hours of work.

2. GRADE OF WORK. The student must obtain a total of 95 honor points; in other words, must obtain an average grade of C; except that to be eligible for the degree of bachelor of arts he must in the three years of residence obtain a total of 127 honor points, representing an average of C+.

3. PRESCRIBED WORK. The following courses are prescribed:

Freshman Year

| FIRST SEMESTER | | SECOND SEMESTER | |
|-----------------------------|----------|----------------------------|----------|
| Bible 101 | 2 hours | Chemistry 104 | 4 hours |
| Chemistry 103 | 4 hours | English 104 | 3 hours |
| English 103 | 3 hours | Mathematics 104 | 3 hours |
| Organic Science 101..... | 4 hours | Organic Science 106..... | 4 hours |
| Hist. 101 or Econ. 101..... | 3 hours | Hist. 102 or Soc. 102..... | 3 hours |
| | <hr/> | | <hr/> |
| | 16 hours | | 17 hours |

Sophomore Year

| | | | |
|--------------------------|----------|---------------------------|----------|
| Bible 201 | 2 hours | Bible 202 | 2 hours |
| Chemistry 201 | 4 hours | Chemistry 202 | 4 hours |
| French or German | 3 hours | French or German | 3 hours |
| Phil. 201 (Psych.) | 3 hours | Organic Science 202 | 4 hours |
| Physics 201 | 4 hours | Physics 202 | 4 hours |
| | <hr/> | | <hr/> |
| | 16 hours | | 17 hours |

Junior Year

| | | | |
|---------------------------|----------|-------------------------------|----------|
| Bible 301 | 2 hours | Chemistry 301 | 2 hours |
| Chemistry 301 | 2 hours | English | 3 hours |
| English | 3 hours | French or Scientific Ger..... | 1 hour |
| French or German 301..... | 3 hours | Organic Science 302 | 4 hours |
| Organic Science 305 | 3 hours | Educ. 312 (Abn. Psych.)..... | 3 hours |
| Organic Science 309 | 3 hours | | |
| | <hr/> | | <hr/> |
| | 16 hours | | 13 hours |

Pre-Medical students are strongly advised to take a full college course.

Trigonometry presupposes one and one-half units of Algebra.

If the student has had French or German in high school, the number of hours prescribed in the College may be reduced by six hours for a unit of work. But six hours of either French or German must be taken in college.

Since modern language requirements for admission into medical schools vary widely, medical students are advised to consult the office in respect to them.

4. DISTRIBUTION OF ELECTIVES. The number of hours of electives will vary according to the nature of the student's high school preparation in French or German. For their electives students should choose such subjects as are required for admission to the medical school which they expect eventually to attend.

5. DIPLOMA. On satisfactory completion of this course the student will receive a three-year diploma.

6. DEGREE. On satisfactorily completing this course plus two additional hours of Bible with a record of not less than 127 honor points received in the required ninety-five hours, the student is eligible for the degree of bachelor of arts. He will receive this degree after one year of successful work in a recognized medical school.

A two-year pre-dental course is provided for those who desire it, but universities give preference for admission to students who have completed the three-year pre-dental course.

Four-Year Pre-Medical Course

1. AMOUNT OF WORK. The student must complete 125 hours of work.

2. GRADE OF WORK. The student must obtain a total of 125 honor points; in other words, must obtain an average grade of C. However, for admission to some Medical Schools an average grade equivalent to one and one-half honor points is required.

3. PRESCRIBED WORK.

a. The student must meet the prescribed course requirement as well as the major and minor group requirement for the General College A. B. course.

b. The student must meet the prescribed course requirement of the Three-Year Pre-Medical Course, and, if possible, in the same order.

4. DISTRIBUTION OF ELECTIVES. The number of electives will vary according to the nature of the student's high school preparation in French and German. Not less than 12 hours of his elected courses over and above the courses prescribed under 3 (above), but including Philosophy, must be in Groups I and III. The student is urged to elect Organic Sciences 201, 203-4, and Chemistry 304.

Pre-Law

1. AMOUNT OF WORK. The student must complete 94 hours of work.

2. GRADE OF WORK. The students must obtain a total of 94 honor points; in other words, must obtain an average of C; except that to be eligible for the degree of bachelor of arts the student must obtain 125 honor points, representing an average of C+.

3. PRESCRIBED WORK. Of the 94 hours required, certain hours are prescribed; as follows:

Freshman Year

| FIRST SEMESTER | SECOND SEMESTER |
|------------------------------------|------------------------------------|
| Bible 1012 hours | Bible 1022 hours |
| English 1033 hours | English 1043 hours |
| Latin3 hours | Latin3 hours |
| Mathematics or Science.....3 hours | Logic3 hours |
| Psychology3 hours | Mathematics or Science.....3 hours |
| Public Speaking3 hours | Public Speaking3 hours |

Sophomore Year

| | |
|---|---|
| Bible 2012 hours | Bible 2022 hours |
| English3 hours | English3 hours |
| History 2033 hours | History 2043 hours |
| Latin 3 hours; or French or German.....3 hours | Latin 3 hours; or French or German.....3 hours |
| Political Science3 hours | Political Science3 hours |
| Sociology 2033 hours | Sociology 2043 hours |

Junior Year

| | |
|--------------------------------|--------------------------------|
| Bible 3012 hours | English3 hours |
| English3 hours | History 3023 hours |
| History 3013 hours | Political Science3 hours |
| Political Science3 hours | |

If the student has had French or German in high school, the number of hours prescribed in the College may be reduced by six hours for a unit of work.

Since modern language requirements for admission into law schools vary widely, law students are advised to consult the office with respect to them.

4. DISTRIBUTION OF ELECTIVES. The number of hours of electives will vary according to the student's high school preparation in languages. For their electives students should choose such subjects as are required for admission in the law school which they expect eventually to attend.

5. DIPLOMA. On satisfactory completion of this course the student will receive a three-year diploma.

6. DEGREE. On satisfactorily completing this course with a record of not less than 125 honor points received in the required 94 hours, the student is eligible for the degree of bachelor of arts. He will receive this degree after one year of successful work in a recognized law school.

7. Some Law Schools require an average grade equivalent to one and one-half honor points per hour of credit.

Pre-Engineering

Normally three years of work at a recognized school of engineering, in addition to the two-year course here outlined, are necessary to finish a regular engineering course.

1. AMOUNT OF WORK. The student must complete 70 hours of work.

2. GRADE OF WORK. The student must obtain a total of 70 honor points; in other words, must obtain an average grade of C.

3. PRESCRIBED WORK. Of the 70 hours required, the following are prescribed:

Freshman Year

| FIRST SEMESTER | SECOND SEMESTER |
|--|--|
| Bible 1012 hours | Bible 1022 hours |
| Chemistry 101 or 103.....4 hours | Chemistry 102 or 104.....4 hours |
| English 1033 hours | English 1043 hours |
| Mathematics 1032 hours | Mathematics 2024 hours |
| Mathematics 2013 hours | Drawing (Descriptive Geometry)3 hours |
| Drawing (Mechanical Drawing)3 hours | Public Speaking or Elective2 hours |

Sophomore Year

| | |
|---|--|
| Bible 2012 hours | Bible 2022 hours |
| Mathematics 3015 hours | Mathematics 302 (Differ- ential Calculus, 2 hours; Integral Calculus, 3 hours)5 hours |
| Physics 2015 hours | Physics 2025 hours |
| Drawing (Mechanics and Sketching)2 hours | Economics 2023 hours |
| Economics 2013 hours | Statics3 hours |

4. DISTRIBUTION OF ELECTIVES. The student may select his electives from the following list: Botany, Economics, English, Foreign Language, History, Music, Philosophy, Public Speaking, Sociology, Zoölogy.

5. DIPLOMA. On satisfactory completion of this course the student will receive a two-year diploma.

Pre-Business Administration Course

For students interested in Business Administration the following two-year course has been arranged:

Freshman Year

| FIRST SEMESTER | | SECOND SEMESTER | |
|------------------------|--------------|--------------------------|--------------|
| *Bible | 2 hours | *Bible | 2 hours |
| *English 103 | 3 hours | *English 104 | 3 hours |
| *Lab. Science | 4 or 5 hours | *Lab. Science | 4 or 5 hours |
| Econ. Geog. | 3 hours | Sociology 102 or 204.... | 3 hours |
| One of the following: | | One of the following | |
| Mathematics, Foreign | | continued: | |
| Language, History | 3 hours | Mathematics, Foreign | |
| | | Language, History | 3 hours |

Sophomore Year

| | | | |
|---------------------------|---------|---------------------------|---------|
| *Bible | 2 hours | *Bible | 2 hours |
| *Economics 201 | 3 hours | *Economics 202 | 3 hours |
| *Economics 301 or 303.... | 3 hours | *Economics 302 or 308.... | 3 hours |
| Phil. (Psych.) 201 | 3 hours | Logic 202 | 3 hours |
| Public Speaking 103 | 2 hours | Public Speaking 104 | 2 hours |
| Electives | 3 hours | Electives | 3 hours |

NOTE: This course is arranged to enable the student to meet the requirements of schools such as the Northwestern School of Commerce which begin their commerce courses in the Junior Year. Students who wish to remain at Calvin three years and to enter Northwestern in their Senior year will have to take certain courses at the Grand Rapids Junior College and will have to attend one summer session at Northwestern in order to get their degree there at the end of the Senior year. Such institutions as the University of Michigan and Harvard University require an A. B. degree for admission to their Commerce Schools. Graduates of Calvin can enter such schools without any real deficiency. The starred subjects represent the required courses.

Pre-Forestry

1. AMOUNT OF WORK. The student must complete 94 hours of work.

2. GRADE OF WORK. The student must obtain a total of 94 honor points; i. e., must obtain an average grade of C; except that to be eligible for the degree of bachelor of arts he must in the three years of residence obtain a total of 125 honor points, representing an average of C+.

3. PRESCRIBED WORK. Of the 94 hours required, certain hours are prescribed; as follows:

THREE-YEAR COURSE

Freshman Year

| FIRST SEMESTER | | SECOND SEMESTER | |
|---------------------------|---------|---------------------------|---------|
| Chemistry 101 or 103.... | 4 hours | Bible 102 | 2 hours |
| Drawing 101 | 3 hours | Chemistry 102 or 104.... | 4 hours |
| English 103 | 3 hours | English 104 | 3 hours |
| Mathematics 103 | 3 hours | Mathematics 104 | 3 hours |
| Organic Science 101 | 4 hours | Organic Science 202 | 4 hours |

Sophomore Year

| | | | |
|---------------------------|---------|-------------------------|---------|
| Bible 201 | 2 hours | Bible 202 | 2 hours |
| Economics 201 | 3 hours | Economics 202 | 3 hours |
| French or German 101 | | French or German 102 | |
| (3 hours), or, | | (3 hours), or, | |
| Organic Science 201.... | 4 hours | Organic Science 302.... | 4 hours |
| Mathematics 201 | 4 hours | Mathematics 202 | 4 hours |
| Public Speaking 103 | 2 hours | Public Speaking 104.... | 2 hours |

Junior Year

| | | | |
|--------------------------|--------------|---------------------------|---------|
| Bible 301 | 2 hours | English 302 or 304 | 3 hours |
| English 301 or 302 | 3 hours | French or German 202 | |
| French or German 201 | | or Elective | 3 hours |
| (3 hours), or, | | Organic Science 204 | 2 hours |
| Organic Science 305.... | 3 hours | Physics 202 | 4 hours |
| Organic Science 203.... | 2 hours | | |
| Physics 201 | 4 hours | | |
| Electives | 2 or 3 hours | | |

If the student has had French or German in high school, the number of hours prescribed in the college may be reduced by six hours for each unit completed in high school.

4. DISTRIBUTION OF ELECTIVES. For their electives students should choose such subjects as are required for admission to the particular school of forestry which they expect eventually to attend. For example, the School of Forestry of the University of Michigan recommends that students elect French or German; the School of Forestry of Michigan State College advises them not to do this.

5. DIPLOMA. On satisfactory completion of this course the student will receive a three-year diploma.

6. DEGREE. On satisfactorily completing this course with a record of not less than 125 honor points received in the required 94 hours, the student is eligible for the degree of bachelor of arts. He will receive this degree after one year of successful work in a recognized school of forestry.

7. In addition to the above course, two years of study in a Forestry School are required for professional forestry. The satis-

factory completion of this five-year program entitles the student to the degree of Master of Science in Forestry.

Pre-Nursing Course

For students interested in Nursing, the following one-year course has been arranged to meet the requirements for admission to local hospitals:

| FIRST SEMESTER | SECOND SEMESTER |
|----------------------------------|---|
| Organic Science 1014 hours | Bible 1022 hours |
| Chemistry 1014 hours | Organic Science 1064 hours |
| English 1033 hours | Chemistry (Special)1 hour |
| Public Speaking 1032 hours | Sociology 1023 hours |
| Intro. Bacteriology3 hours | Phil. (Psych.) 2013 hours |
| 16 hours | 13 hours |
| | Nutrition (at Grand Rapids Junior College)....3 hours |
| | 16 hours |

DESCRIPTION OF COURSES

Art

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

227. PENMANSHIP *Two hours*
Theory and practice. Freeman system. Blackboard writing also included. No college credit given for this course.
301. INDUSTRIAL ART *Three hours*
Art education in the elementary school will be treated in the manner of Winslow's *Organization of Teaching Art: A Program for Art Education in the Schools.*
331. 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.
332. 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.

Bible

101. INTRODUCTION TO THE BOOKS OF THE BIBLE *Two hours*
A general introduction to the Bible as a whole, in which its origin, nature, canonicity, authority, organic unity, revelation and inspiration, and related subjects are investigated. A specific introduction, inquiring into the contents, historical setting, literary form, and especially the permanent ethical and religious values of each book.
102. INTRODUCTION TO THE BOOKS OF THE BIBLE *Two hours*
Continuation of 101.
201. REFORMED DOCTRINE *Two hours*
The aim is an advanced course of study in the doctrines of the Christian religion as contained in the Bible and as reflected in the confessional standards of the Reformed Churches.
202. REFORMED DOCTRINE *Two hours*
Continuation of 201.
301. STUDIES IN CALVINISM *Two hours*
An inquiry into the origin and nature of Calvinism, its influence upon the development of religion, ethics, political life, social life, science, art, as well as the proper application of its principles to these spheres. The course consists of lectures, assigned readings, and essays. Open to Juniors and Seniors. To others only by special permission.

302. HEBREW CULTURE *Two hours*
A study of the geographical, social, civic, and religious customs of the Hebrews, and of the peoples among whom they lived when the Bible arose.

Chemistry

101. GENERAL INORGANIC CHEMISTRY *Four hours*
Three hours in class-room and one laboratory period of 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. GENERAL INORGANIC CHEMISTRY *Four hours*
Continuation of 101. Hours, texts, and fees the same.
103. GENERAL INORGANIC CHEMISTRY *Four hours*
Three hours in class-room and one laboratory period of four hours per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. Prerequisite: high school chemistry.
104. GENERAL INORGANIC CHEMISTRY *Four hours*
Continuation of 103. Hours, texts, and fees the same.
201. 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. Prerequisites: 103 and 104, or 101 and 102.
202. ORGANIC CHEMISTRY *Four hours**
Two or three 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. Prerequisite: General Inorganic Chemistry.
301. 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. Prerequisite: 201.
302. 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 201 and 202.
304. ORGANIC CHEMISTRY *Three hours*
Three lecture hours per week. A continuation of 202, stressing particularly the aromatic compounds. Prerequisites: General Inorganic Chemistry and 202.
- 330m. TEACHERS' COURSE *One hour*
Methods of teaching chemistry in secondary schools. Prerequisite: two years of chemistry.

Dutch

A. DUTCH LANGUAGE

101. ELEMENTARY GRAMMAR *Three or four hours*
Conjugations and declensions. Required outside reading. Four hours is required of those whose reading knowledge of Dutch is deficient.

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

102. ADVANCED GRAMMAR *Three or four hours*
Review. Full declensions. Syntax. Required outside reading. In class some Dutch works are read.
201. READING (ELEMENTARY) *Three hours*
A course in the reading of Dutch folklore and simple literature. Required outside reading.
202. READING (ADVANCED) *Three hours*
A course in the reading of simple and more advanced literature. Required outside reading. Oral composition.
303. FLEMISH RENAISSANCE *Three or four hours*
History of Flemish and Dutch literature between 1100 and 1600. Required outside reading and essays. Composition. Given in 1934-'35.
304. DUTCH RENAISSANCE *Three or four hours*
History of Dutch literature between 1600 and 1800. The spirit of Dutch Humanism, Calvinism, and Rationalism is discussed. Required outside reading and essays. Composition. Given in 1934-'35.
305. DUTCH ROMANTICISM *Three or four hours*
Special study of Bilderdijk and Da Costa. Required outside reading and essays. Given 1935-'36.
306. MODERN LITERATURE *Three or four hours*
The modern movements of Naturalism, Symbolism, and Neoclassicism. Required outside reading and essays. Given in 1935-'36.
- NOTE: Courses 101, 102, 303, 304, 305, and 306 and one of the Dutch history courses are required of those who take the pre-Seminary course.

B. MEDIÆVAL AND DUTCH HISTORY

323. THE EARLY MIDDLE AGES (400-1000) *Three hours*
The rise of Christianity and the Carolingian Empire and the rise of Mohammedanism are discussed after a short review of Greek and Roman civilization. Special attention is paid to the Netherlands during the Roman and Frankish periods. Given in 1934-'35.
324. FIRST RENAISSANCE (1000-1350) *Three hours*
The Central Middle Ages: Feudalism; France, Germany, and Italy in the feudal period; Crusades, rise of cities especially in Italy and the Netherlands; rise of guilds and democracy; rise of universities, new monasticism, Gothic art, and Romantic literature; Dante. Given in 1934-'35.
325. SECOND RENAISSANCE AND REFORMATION (1350-1568) *Three hours*
A short review of the history of the Netherlands up to 1350. The age of unrest. The Christian and the Flemish Renaissance; the Italian Renaissance, and its distribution over Western Europe through the Brethren of the Common Life. The Renaissance spirit. The Reformation and its intensive character in the Netherlands. Given in 1935-'36.
326. THIRD RENAISSANCE AND REVOLUTION (1568-1815) *Three hours*
The eighty years' war. The Dutch Golden Age and its influence on Europe. Dutch commerce and colonization. Wars between the Netherlands and other countries for religious and commercial purposes. The triumph of plutocracy and Rationalism in the eighteenth century. The Spirit of the French Revolution as manifested in Holland. The rebirth of Calvinism as a political and cultural power after 1815. Given in 1935-'36.

C. DUTCH ART

331. FLEMISH PAINTING *Three hours*
The Flemish and Dutch Primitives and Italianizers between 1400 and 1600; Rubens and Van Dyck and their schools. The course is analytical as well as historical.
332. DUTCH PAINTING *Three hours*
The Dutch Renaissance (1600-1700) and the modern Dutch painters. Prerequisite: 331.

Economics and Sociology

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. (*Economics and Sociology*) 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 effect 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 specializing in education. A Freshman course.
102. (*Sociology*) INTRODUCTION TO SOCIOLOGY *Three hours*
An orientation course, including a brief discussion of the principles of sociology and of some of the modern social problems. A Freshman course.
201. PRINCIPLES OF ECONOMICS *Three hours*
A review of the fundamental principles underlying modern economic life. Not open to Freshmen except by special permission. Students electing 201 are expected to take 202.
202. PRINCIPLES OF ECONOMICS *Three hours*
A continuation of the principles of economics and an application of the same to current industrial problems and institutions.
203. 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. 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. (*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. (*Economics*) BUSINESS ORGANIZATION AND COMBINATION (Corporation Finance) *Three hours*
A continuation of 301. The financial promotion of corporations and of trusts; the trust problem. Given in 1935-'36.
303. (*Economics and Sociology*) 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. (*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.
309. (*Sociology*) EDUCATIONAL SOCIOLOGY *Three hours*
This course is offered in the department of Education.
308. (*Economics*) PRINCIPLES OF MARKETING *Three hours*
A study of the marketing functions, the marketing of particular commodities, the functions and modes of operation of middlemen, associative activities affecting marketing, price policies, etc. Given in 1934-'35.
- SOCIAL CASE WORK *One hour*
Sociology students interested in social work have the opportunity of doing volunteer case work for agencies affiliated with the Grand Rapids Community Chest. Where satisfactory arrangements have been made the College allows one hour of credit per semester for such work.

Education

101. EDUCATIONAL PSYCHOLOGY *Three hours*
A general course in psychology for beginners with some reference to the implications of psychology for pedagogy.
102. EDUCATIONAL PSYCHOLOGY *Three hours*
Course 101, or its equivalent, is a prerequisite.
104. GENETIC PSYCHOLOGY *Three hours*
A study of the psychology of the child. Course 101, or its equivalent, is a prerequisite. Not offered in 1935-'36.
301. PRINCIPLES OF EDUCATION *Three hours*
A study of the aim of education and of the various underlying problems.
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. HISTORY OF EDUCATION *Three hours*
A survey of the growth of educational theory and practice during the ancient and mediæval periods.
306. HISTORY OF EDUCATION *Three hours*
A continuation of 305 covering the modern period.

40. SCHOOL ADMINISTRATION *Two hours*
This course aims to discuss the organization and management of state and local school systems.
307. PRINCIPLES AND METHODS OF SECONDARY EDUCATION *Three hours*
A study of secondary school problems. Special attention is given to the phenomena and problems of adolescence.
308. EDUCATIONAL SOCIOLOGY *Three hours*
A study of social structure and educational practice with emphasis on present-day problems. Accepted by State authorities as equivalent to 303. Sociology 102 is a prerequisite.
309. ABNORMAL PSYCHOLOGY *Three hours*
A study of disorders of sensation, perception, association, etc. Some study is made of hypnosis, hysteria, and other subjects usually considered under the heading Abnormal Psychology, especially, too, the phenomena and problems of insanity. Either Education 101, or Philosophy 201, or their equivalent, is a prerequisite. This course is open only to seniors and to pre-medical and pre-law students of the junior year who are in their last year of residence.

COURSES IN METHODS

221. PRINCIPLES OF TEACHING IN ELEMENTARY SCHOOLS *Three hours*
Principles governing the directing of learning of children in the elementary school will be taken up.
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 *Two 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 considered with reference to elementary schools.
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. METHODS OF TEACHING MUSIC *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.

238. METHODS OF TEACHING ENGLISH *One, two, or three hours*
Content as well as method receives attention. Same as English 330m. Two hours devoted to content; one to method.
240. METHODS OF TEACHING LATIN *Three hours*
Same as Latin 327 and 330m combined.
310. EDUCATIONAL MEASUREMENTS *Three hours*
A survey course of present-day practices of measuring the results of teaching and of mental testing.
320. CURRICULUM ELEMENTARY SCHOOL *Two or three hours*
An investigation into the technique of teaching language usages, grammar, and composition receives the main emphasis. In addition the student receives a brief survey of the elementary school curriculum.
321. DIRECTED OBSERVATION OF TEACHING AND LESSON PLANNING *Three hours*
About eighteen hours are spent in the schools of Grand Rapids with specific instructions for directed observation. The three class-hours are devoted to conferences and class discussion of reports. Each student is required to write four intensive reports. For students planning to teach in the elementary schools. To be taken the first semester of their Senior year.
324. DIRECTED OBSERVATION AND LESSON PLANNING *Three hours*
This course is like Education 321 and is for students looking for positions in the junior and senior high schools. To be taken the second semester of their Junior year.
325. PRACTICE TEACHING *Five hours*
Course 321 or 324 is a prerequisite. Offered both semesters.
- 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.

Engineering Drawing and Statics

101. MECHANICAL AND MACHINE DRAWING *Three hours*
The principles of orthographic projection; practice in the making of working drawings; practice in lettering; and tracing. Three two-hour drafting-room periods, three hours home work a week.
102. DESCRIPTIVE GEOMETRY *Three hours*
Exercises, instruction, and drill through the medium of 80 printed plates of problems. Three two-hour drafting-room periods, three hours home work a week. Prerequisite: 101.
201. MECHANISM AND SKETCHING *Two hours*
Sketching of models in orthographic, isometric, and oblique projection; practice in the making of working drawings from sketches; free-hand lettering. Two two-hour drafting-room periods, two hours home work a week. Prerequisite: 101.
302. STATICS *Three hours*
Study of fundamental principles of mechanics and their application to the simpler problems of engineering. Forces, components, moments, cables, friction, centroids, moments of inertia. Recitations, lectures, problems. Must be preceded or accompanied by Mathematics 302 and Physics 202.

English

103. FRESHMEN ENGLISH *Three hours*
This is a basic course required of all Freshmen.
104. FRESHMEN ENGLISH *Three hours*
This is a continuation of the preceding course. Both 103 and 104 are prerequisites to all other courses in English.
201. AMERICAN LITERATURE *Three hours*
From the beginning to 1840. A study of the religious, political, social, and artistic background of our national culture.
202. AMERICAN LITERATURE *Three hours*
The New England group, post-bellum realism, the historical romance, naturalism, and the new poetry.
205. FROM THE BEGINNING TO 1600 *Three hours*
Emphasis upon Beowulf, the metrical romance, Chaucer, the humanists, and the non-dramatic writers of the Elizabethan age. Not given in 1935-'36.
207. THE ELIZABETHAN PERIOD *Three hours*
A study is made of the Renaissance as it manifests itself in literature, particularly in drama.
208. THE SEVENTEENTH CENTURY *Three hours*
The Cavalier and the religious poets, Milton and Bunyan, and the restoration authors.
301. THE ROMANTIC MOVEMENT *Three hours*
History and characteristics of Romanticism. Emphasis upon Wordsworth, Coleridge, Byron, Shelley, and Keats.
302. THE VICTORIAN PERIOD *Three hours*
Survey of the period with special attention to Tennyson, Browning, and Matthew Arnold.
303. CONTEMPORARY LITERATURE OF ENGLAND *Two or three hours*
Fiction from 1890 to the present day. The work is related to continental fiction. Open to Seniors.
304. 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.
305. PRINCIPLES OF LITERATURE *Three hours*
Literature: its place in philological encyclopedia and aesthetics, its nature, its various forms, and kindred topics.
306. ADVANCED RHETORIC *Three hours*
Open only to those who receive special permission. Not offered in 1934-'35.
309. DEBATING *One or two hours*
Two hours of credit are given to students who take part in inter-collegiate debating, and one hour to those who serve as substitutes in the intercollegiate contests.
310. NINETEENTH CENTURY PROSE *Three hours*
A study of the prose of the nineteenth century, fiction excluded. Not offered in 1934-'35.
312. THE NOVEL *Three hours*
A survey of the English novel from the beginning to Meredith.
- 330m. TEACHERS' COURSE *One, two, or three hours*
Review of English Grammar, and a study of the methods of teaching English in secondary schools. Prerequisite: at least seven of the courses offered in this department.

French

101. ELEMENTARY FRENCH *Three hours*
Grammar, pronunciation, composition, dictation, oral drill, and conversation are intended to impart a certain amount of ear-training and ability to understand simple spoken French.
102. CONTINUATION OF 101 *Three hours*
Text in both courses: Olmsted and Sirich, *A Practical French Grammar*. This is followed by the reading of easy prose.
201. 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. 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. 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. 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. 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. 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 1935-'36.
- 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

101. ELEMENTARY GERMAN *Three hours*
Grammar and composition. Text: Vos's *Essentials*, and Evans and Röseler's *College German*.
102. CONTINUATION OF 101 *Three hours*
Completing first thirty-two lessons of Vos's *Essentials*. Reading of at least one hundred pages of *modern prose and poetry*.
201. 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. 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. 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. 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 1935-'36.
303. EARLY NINETEENTH CENTURY DRAMA *Three hours*
A comprehensive study of the lives and works of leading German dramatists of the early nineteenth century. Assigned readings. Papers on related subjects. Prerequisite: 202.
304. LATER NINETEENTH CENTURY DRAMA *Three hours*
A study of Hauptmann and Sudermann and their times. Assigned readings and reports. Prerequisites: 202 and 303.
305. 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. 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.
Courses 305 and 306 are not offered during 1935-'36.
- 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

101. BEGINNERS' GREEK *Four hours*
Text: Burgess and Bonner, *Elementary Greek*.
102. BEGINNERS' GREEK *Four hours*
Continuation of 101. Completion of the text and the reading of the first book of Xenophon's *Anabasis*, or its equivalent.
201. XENOPHON *Three hours*
Selections from the *Anabasis*. Prerequisite: 101-102.
202. HOMER'S ILIAD *Three hours*
Text: Leaf and Bayfield, Books I-XII.
301. PLATO *Three hours*
The *Apology*, *Crito*, and *Phaedo* are read.
302. PLATO *Three hours*
The *Republic* is read.
313. NEW TESTAMENT GREEK *Two hours*
The Gospel according to Mark is read. Prerequisite: 101-102.

314. NEW TESTAMENT GREEK *Two hours*
Study is made of some of the Pauline Epistles. Prerequisite: 101, 102, and 313.
315. 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.
316. GREEK THOUGHT AND THE NEW TESTAMENT *Three hours*
No knowledge of Greek is required. Open to Juniors and Seniors.

History

101. 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. EUROPE SINCE 1815 *Three hours*
A continuation of 101, which is prerequisite. Courses 101 and 102 are for Freshmen; open to Sophomores by special arrangement.
201. 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. Given in 1934-'35 and 1936-'37.
202. EASTERN EUROPE SINCE 1815 *Three hours*
The Balkan States, Austria, Hungary, and Czecho-Slovakia. Lectures, readings, and reports. Prerequisites: same as 201.
203. ENGLISH HISTORY TO 1600 *Three hours*
An outline of the Political and Constitutional History of England. Prerequisites: 101 and 102. For Sophomore and Junior year.
204. ENGLISH HISTORY SINCE 1600 *Three hours*
Continuation of 203, which is prerequisite.
301. AMERICAN HISTORY *Three hours*
Lectures and readings. Prerequisite: A high school course in American History.
302. AMERICAN HISTORY *Three hours*
Continuation of 301, which is prerequisite. Courses 301 and 302 are open to Juniors and Seniors.
303. 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 in 1935-'36.
304. AMERICAN FOREIGN RELATIONS *Three hours*
Diplomatic relations with South American countries. Origin and development of the Monroe Doctrine. Courses 303 and 304 open to Juniors and Seniors.
323. THE EARLY MIDDLE AGES (400-1000) *Three hours*
See page 37.
324. THE FIRST RENAISSANCE (1000-1400) *Three hours*
See page 37.

325. SECOND RENAISSANCE AND REFORMATION (1400-1568) *Three hours*
See page 37.
326. THIRD RENAISSANCE AND REVOLUTION (1568-1815) *Three hours*
See page 37.
- 330m. TEACHERS' COURSE
Methods of teaching history in secondary schools. Prerequisite:
twenty-one to twenty-two hours of history.

Latin

Students who expect to teach Latin and are candidates for a State Teachers' Certificate, must have completed at least twenty-two hours of work in this department beyond the two units required for admission, and must include Courses 320, 327, 330m.

Students who expect to graduate from the four-year pre-Seminary Course must complete ten semester hours beyond the two units of Latin required for admission, and must include Courses 202, 301, and 308. Those who with admission offer more than two units of Latin may reduce the requirements by three semester hours for every unit taken in the high school beyond the two units.

- 101-102. ELEMENTARY LATIN *Five hours first semester*
This course covers one unit of Latin for entrance to college and is intended for those who have had no Latin in their high school course. No credit is granted for 101-102 unless credit has been earned for 103-104.
- 103-104. SECOND YEAR LATIN *Five hours second semester*
The equivalent of four books of Caesar's *Gallic Wars* is read. Equivalent to one unit of Latin for admission.
105. ROMAN ORATORY *Three hours*
Catilinarian orations of Cicero and Latin prose composition. This course is offered for those students who present two units of Latin for admission.
200. POETRY *Three hours*
Selections from the various works of Ovid. Study of Latin prosody and Roman mythology.
Students will be given the privilege to select this course or Horace 306.
202. POETRY (Continued) *Three hours*
Parts of Books I to VI of Virgil's *Aeneid*. Translation and interpretation, metrical reading, and studies in Roman mythology.
301. PHILOSOPHICAL TREATISES *Two or three hours*
Cicero's *De Senectute* and *De Amicitia*. Papers by the students on assigned subjects.
303. ROMAN HISTORIANS *Two or three hours*
Livy, Book XXI: the history and the life of Rome during the period of the Punic Wars.
305. ROMAN COMEDY *Two or three hours*
Terence: *The Adelphi* and *the Andria*. Not offered in 1935-'36.
306. HORACE: *Odes and Epodes* *Two or three hours*
See note under 200.

308. CHRISTIAN AND MEDIEVAL LATIN LITERATURE *Two or three hours*
It comprises several Christian Latin hymns, part of Augustine's *Confessions*, and selections from various writers of Latin prose and poetry from the fifth century to the Renaissance.
320. ROMAN CULTURE *Two or three 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-books, assigned readings, term papers. Illustrated with slides.
327. LATIN GRAMMAR AND WRITING *Two hours*
In this course a thorough review of Latin grammar and syntax will be made, and attention will be given to Latin writing. Parts of Caesar and Cicero will be carefully studied and reviewed.
This course and 330m may be offered as a three hour Methods Course in the department of Education. Same as Education 240.
- 330m. 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.
This course will be offered either the first or second semester to meet the convenience of the students interested.

Mathematics

101. ALGEBRA *Three hours*
For those who have had only one year of Algebra in high school.
102. SOLID GEOMETRY *Three hours*
103. COLLEGE ALGEBRA *Three hours*
Prerequisite: 101.
104. PLANE TRIGONOMETRY *Three hours*
Prerequisite: 101 and 103.
201. PLANE ANALYTIC GEOMETRY *Four hours*
Prerequisite: 103 and 104.
202. CONTINUATION OF 201 *Four hours*
Plane Analytical Geometry completed and introduction to Solid Analytical Geometry.
301. DIFFERENTIAL CALCULUS *Five hours*
Prerequisite: 201 and 202.
302. INTEGRAL CALCULUS *Five hours*
Completion of Integral Calculus and introduction to Differential Equations.
303. DIFFERENTIAL EQUATIONS *Three hours*
Prerequisite: 301 and 302.
304. THEORY OF EQUATIONS *Three hours*
Prerequisite: 103, 201, and 202.
305. PROJECTIVE GEOMETRY *Three hours*
This will be offered if one of the other courses for this semester is not elected by enough students.

307. SOLID ANALYTICAL GEOMETRY *Three hours*
Prerequisite: 301 and 302.
- 330m. TEACHERS' COURSE *One hour*
Discussion of methods of teaching Mathematics in secondary schools. Twenty hours of observation work are required.

Music

- 101-102. CHORUS *One hour*
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 *Two hours*
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 rote 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. Primary triads, dominant seventh.
204. HARMONY (Continuation of 203) *Two hours*
Secondary triads, dominant seventh, dominant ninth, and their inversions.
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 reading, term papers, and text-book work.
206. HISTORY OF MUSIC *Three hours*
Continuation of 205.
- 207-208. 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.
209. ORGAN *One hour*
Individual lessons in pipe organ, beginning with the fundamental principles of organ touch, pedal technique, hymn-tune playing and registration, and followed by preparation for concert playing and for church service. Professor Van Andel in charge.
210. ORGAN *One hour*
Continuation of 209.

211. MUSIC APPRECIATION *Three hours*
General course designed to develop intelligent discrimination in the listener. Structural principles and aesthetic content of music with reference to the various forms and styles will be considered. The course is planned to give a general idea of the entire realm of music and is intended alike for the technical musician and those who wish to become merely intelligent listeners. Not offered during 1935-'36.
212. CONTINUATION OF 211.

Organic Science

101. 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. HUMAN PHYSIOLOGY *Two hours*
A study of some vital phenomena occurring in man. Course 101 is a desirable antecedent.
103. PERSONAL HYGIENE *Two hours*
A study of the proper care of the body and of approved practices for the prevention of disease. Credit for this course will be given only after the satisfactory completion of Course 102.
104. PERSONAL HYGIENE *Two hours*
A repetition of 103.
105. INTRODUCTORY BACTERIOLOGY *Three hours*
The history of bacteriology, and the cultural and morphological characteristics of bacteria, yeasts, and molds are considered. Special emphasis is placed on communicable diseases, their causal agents, and the hygienic applications of bacteriology.
Discussions, quizzes, and demonstrations. This course yields credit only to students of the pre-Nursing course.
106. HUMAN ANATOMY AND PHYSIOLOGY *Four hours*
A general introduction to human embryology, anatomy, histology, and physiology. This course attempts to meet the needs of students of physical education, and of pre-medical, pre-dental, and pre-nursing students. It is also recommended to students who expect to major in Organic Science. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00. Prerequisite: 101.
201. INVERTEBRATE ZOÖLOGY *Four hours*
Anatomy, physiology, behavior, and classification of animals representative of the invertebrate groups. Insects and disease-causing forms are emphasized. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00. Prerequisite: 101.
202. INTRODUCTION TO BOTANY *Four hours*
Anatomy, physiology, and classification of seed plants. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00.
- 203-204. PLANT MORPHOLOGY *Four hours*
The classification of plants based upon a comparative study of their flowers. Frequent trips will be made to greenhouses, parks, and fields. Two hours each semester. Prerequisite: 202.

302. VERTEBRATE ZOOLOGY *Four hours*
Comparative anatomy and natural history of vertebrates. Evolution problems are emphasized. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00. Prerequisites: 106 and 201. Courses 305 and 309 are desirable antecedents.
- 303-304. LABORATORY METHODS *One or 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, zoology, and physiology. Laboratory fee, \$3.00. Three hours of laboratory work a week during the first semester.
305. 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: 101.
- 307-308. SPECIAL BIOLOGY *Three hours*
A more intensive study of biological problems selected to meet the needs of advanced students. This course will be offered only when there are no students for 309.
309. 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. Not to be elected at the same time with 303.
- 330m. TEACHING OF BIOLOGY *One hour*
The point of view, contents, and methods of teaching secondary school botany, zoology, and human physiology and hygiene. Prerequisites: all preceding courses in Organic Science.

Philosophy

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

201. PSYCHOLOGY *Three hours*
A general course in psychology with special attention to the philosophical implications. Exercises. Open to Freshmen by permission. This course is given also during the second semester.
202. LOGIC *Three hours*
A course in traditional and elementary symbolic logic. Text and exercises. This is a semester course which is offered both in the first semester and in the second.
203. 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. 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. HISTORY OF PHILOSOPHY FROM ST. AUGUSTINE TO KANT *Three hours*
Continuation of 204. Prerequisite: 203 and 204.
302. 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. ETHICS *Three hours*
Lectures, discussions, and papers on the problems and methods in ethics with emphasis on the relation of religion and metaphysics. Papers. Prerequisite: 302.
304. METAPHYSICS *Three hours*
Lectures, discussions, and papers. Text: Bradley's *Appearance and Reality*, Taylor's *Elements of Metaphysics*. Prerequisite: 303.
306. METAPHYSICAL IMPLICATIONS OF CHRISTIANITY *Three hours*
Lectures, readings, discussions, and papers on the view of reality expressed and implied in Christianity. Prerequisite: 303. Either 304 or 306 will be offered during 1935-'36.

Physics

201. GENERAL PHYSICS *Four hours*
Mechanics, molecular physics, heat. Prerequisite: high school physics and a course in plane trigonometry. Three class periods and one laboratory period. Laboratory fee, \$3.00.
202. GENERAL PHYSICS *Four hours*
Electricity, sound, and light. Three class periods and one laboratory period per week. Laboratory fee, \$3.00.
203. PROBLEM COURSE *One hour*
A course required of engineering students. It should accompany 201.
204. PROBLEM COURSE *One hour*
Continuation of 203. This course should accompany 202.

Political Science

301. 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 1934-'35.
302. INTRODUCTION TO POLITICAL SCIENCE *Three hours*
Continuation of 301, which is prerequisite.
303. 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 1935-'36.
304. AMERICAN CONSTITUTIONAL LAW *Three hours*
Continuation of 303, which is prerequisite. Courses 301 to 304 are open to Juniors and Seniors.

Psychology

See Education 101, 102, 312, and Philosophy 201.

Public Speaking

ORATORY. One hour of credit for not more than one semester is offered to students who participate in intercollegiate speaking contests.

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

- | | | |
|------|---|------------------|
| 101. | STORY TELLING | <i>Two hours</i> |
| | Throughout the course the major emphasis will fall on practice in story telling in view of elementary school needs. | |
| 103. | SPEECH-MAKING | <i>Two hours</i> |
| | The writing and delivery of short original speeches and orations to develop a direct, forceful, conversational style. | |
| 104. | SPEECH-MAKING | <i>Two hours</i> |
| | Continuation of 103, together with a study of speech form and speech qualities. | |
| 201. | INTERPRETATIVE READING | <i>One hour</i> |
| | The principles of interpretation and expression. Oral interpretation of representative selections before the class. Not offered during 1935-'36. | |
| 202. | INTERPRETATIVE READING | <i>One hour</i> |
| | Continuation of 201. | |
| 203. | GREAT ORATORS | <i>One hour</i> |
| | Study of great English orators. Declamations and topical speeches. | |
| 204. | GREAT ORATORS | <i>One hour</i> |
| | Study of great American orators. Declamations and topical speeches. | |
| 301. | ADVANCED SPEECH COMPOSITION | <i>Two hours</i> |
| | A study of the psychological techniques involved in effective speech composition. Speeches and orations. Intended for seniors of the pre-Seminary course. | |
| 303. | INTERCOLLEGIATE EXTEMPORE SPEAKING | <i>One hour</i> |
| 305. | INTERCOLLEGIATE PEACE ORATORY | <i>One hour</i> |
| 307. | INTERCOLLEGIATE ORATORY (M. I. S. L.) | <i>One hour</i> |

Sociology

See Economics and Sociology

REGISTER OF STUDENTS

FRESHMEN

| NAME | ADDRESS |
|-----------------------------------|-----------------------------|
| Alkema, Melvin..... | Grand Rapids |
| Baker, Clazina..... | Grand Rapids |
| Baker, Marjorie..... | Grand Rapids |
| Bale, Mary Jean..... | Grand Rapids |
| Battjes, Gerald Nicholas..... | Grand Rapids |
| Bel, Tennyson Raymond..... | Grand Rapids |
| Boer, Lois Barbara..... | Grand Rapids |
| Boerwinkle, James Job..... | Cleveland, Ohio |
| Bos, Jacoba..... | Grand Rapids |
| Bouma, Dick..... | Passaic, New Jersey |
| Bouma, Donald G..... | Grand Rapids |
| Bouma, Grace H..... | Thoreau, New Mexico |
| Bouwman, Frederick Ludwig..... | Grand Rapids |
| Erink, Mildred Alberdyne..... | Cleveland, Ohio |
| Cooper, Peter Sidney..... | Whitinsville, Massachusetts |
| Danhof, Theresa Anna..... | Kalamazoo |
| De Jong, Cornelia Eleanora..... | Rochester, New York |
| Dekker, Harold..... | Chicago, Illinois |
| De Korne, Baldwin Lewis..... | Wellsburg, Iowa |
| De Loof, Donald Jay..... | Grand Rapids |
| De Voogd, Adrian James..... | Comstock Park |
| Doezema, William Charles..... | Grand Rapids |
| Dolfin, Frances..... | Muskegon |
| Draves, Evelyn Whillemina..... | Marine City |
| Drukker, Dow R..... | Passaic, New Jersey |
| Duthler, William..... | Grand Rapids |
| Edwards, Jane Carolyne..... | Grand Rapids |
| Frens, Wilma Harriet..... | Grand Rapids |
| Garrett, Florence Rose..... | Grand Rapids |
| Goldsword, Robert Cornelius..... | Cleveland, Ohio |
| Goris, Louise Jeanette..... | Lafayette, Indiana |
| Griffioen, Alexander..... | Grand Rapids |
| Haan, Bernard John..... | Grand Rapids |
| Ham, John Benjamin..... | Denver, Colorado |
| Heeren, William..... | Grand Rapids |
| Heetderks, Barbara Jane..... | Grand Rapids |
| Heyns, Joan Henrietta..... | Grand Rapids |
| Hoekstra, Richard Clarence..... | Grand Rapids |
| Hollander, John..... | Ripon, California |
| Holst, Merlin James..... | Grand Rapids |
| Hoogsteen, Harold..... | Grand Rapids |
| Hoogstrate, Arthur William..... | Morrisville, Pennsylvania |
| Horstmanshof, Henry Clarence..... | Grand Rapids |
| Houseman, Maurice Martin..... | Grand Rapids |
| Ibershof, John Bernard..... | Grand Rapids |
| Johnson, Sidney Hare..... | Grand Rapids |
| Joppe, Ruth Frances..... | Grand Rapids |
| Jurgens, Ray..... | Grand Rapids |
| Koert, Florence Evelyn..... | Grand Rapids |
| Kok, Jacoba..... | Grand Rapids |
| Kok, William..... | Zeeland |
| Konyndyk, Lambert Paul..... | Grand Rapids |

| NAME | ADDRESS |
|----------------------------------|-----------------------------|
| Kramer, Siebert | Grand Rapids |
| Krause, Elowyn June | Grand Rapids |
| Kress, Richard Gordon | Grand Rapids |
| Kuipers, James Clarence | Grand Rapids |
| Kuipers, Nelly Louise | Grand Rapids |
| Leys, William J. | Sheboygan, Wisconsin |
| McCann, Eva Marie | Newaygo |
| Michmershuizen, Marian Helen | Grand Rapids |
| Muilenberg, Bernard James | Corsica, South Dakota |
| Mulder, Donald William | Grand Rapids |
| Netz, Frederick Ludwig | Paterson, New Jersey |
| Oom, Robert | Grand Rapids |
| Pals, Irene | Hull, Iowa |
| Petroelje, Harold | Byron Center |
| Posthuma, Millard | Grand Rapids |
| Prince, Hattie | Chicago, Illinois |
| Prins, James | Holland |
| Reynhout, Robert James | Grand Rapids |
| Roelofs, Robert Tromp | Grand Rapids |
| Rooks, RhineDale | Grand Rapids |
| Rottschaffer, Walter Cornelius | Grand Rapids |
| Rozeboom, Henry | Fulton, Illinois |
| Schaap, Jay Edward | Oostburg, Wisconsin |
| Schildhouse, Tressa | Grand Rapids |
| Schoonbeek, Earl | Grand Rapids |
| Schuil, Ko | Paterson, New Jersey |
| Sevensma, Berton | Grand Rapids |
| Sharpe, Bernard Jay | Zeeland |
| Simerink, John R. | Grand Rapids |
| Smith, Margaret Gladys | Grand Rapids |
| Smits, William Alden | Grand Rapids |
| Steen, Eleanor | Paterson, New Jersey |
| Temple, Jean Gertrude | Grand Rapids |
| Van Andel, John Rembrand | Grand Rapids |
| Vanden Berg, Albert | Grand Rapids |
| Vanden Berg, Marian | Grand Rapids |
| Vanden Berge, Florence | Grand Rapids |
| Vanderbrug, Elsie | Whitinsville, Massachusetts |
| Vander Haak, William | Holland, Minnesota |
| Vander Heide, Anthony | Denver, Colorado |
| Vander Kooy, Helene | Grand Rapids |
| Vander Meer, Diemer | Grand Rapids |
| Vander Ploeg, Frederick John | Grand Rapids |
| Vander Ploeg, William Harry | Grand Rapids |
| Vander Pol, Alvin | Corsica, South Dakota |
| Vander Spoel, Henry Marinus | Hull, Iowa |
| Vander Vennen, Earl John | Grand Rapids |
| Vander Werp, William D. | Grand Rapids |
| Van Dyke, Martha | Hawthorne, New Jersey |
| Van Eck, William Cornelius | Grand Rapids |
| Van Haitzma, Gladys | Zeeland |
| Van Harn, Johanna | Grand Rapids |
| Van Opynen, Catherine Wilhelmina | Grand Haven |
| Van Stensel, Eugenia Lois | Grand Rapids |
| Van Vliet, Harold | Grand Rapids |
| Van Zwoll, Cornelius | Grand Rapids |
| Vellenga, Tillie | Chicago, Illinois |
| Veltman, Frederick Jerome | Holland |
| Voorman, Martha | Wortendyke, New Jersey |
| Weidenaar, Jeanette Clarissa | Grand Rapids |

| NAME | ADDRESS |
|---------------------------|--------------------|
| Westveer, Cora | Jenison |
| Wierenga, Alice Edna | Chicago, Illinois |
| Wierenga, Dorothy Pauline | Lafayette, Indiana |
| Worst, William Albertus | Grand Rapids |

SOPHOMORES

| | |
|---------------------------------|------------------------|
| Anema, Gerald | Grand Rapids |
| Beukema, Harriet | Grand Haven |
| Bierma, Clarence | Sioux Center, Iowa |
| Blocksma, Douglas Dewey | Grand Rapids |
| Boerefyn, Gerrit Bastian | Pella, Iowa |
| Boermans, Pierson Gerald | Grand Rapids |
| Bolt, Orië | Grand Rapids |
| Bosma, James F. | Grand Rapids |
| Botting, John Abraham | Grand Rapids |
| Brandt, Frederic H. | Grand Rapids |
| Brink, Edward Stevens | Farmington, New Mexico |
| Broene, Everett | Grand Rapids |
| Broene, Richard George | Grand Rapids |
| Bylsma, Barthel | Grand Rapids |
| Daane, James | Grand Haven |
| De Haan, Ruth Myrtle | Grand Rapids |
| De Hoog, Henry | Grand Rapids |
| Dekker, Annette Hilda | Ada |
| Dekker, Marian Joan | Grand Rapids |
| Dekker, Sylvia E. | Ada |
| De Koster, Lester | Zeeland |
| De Mots, William | Grand Rapids |
| De Vos, Adrian Francis | Grand Rapids |
| De Vries, Henry | Grand Rapids |
| De Vries, Kathryn Frances | Grand Rapids |
| Dick, Rudolph Peter | Grand Rapids |
| Dornbos, Marjorie Lois | Grand Haven |
| Edson, James | Paterson, New Jersey |
| Eelkema, Nellie | Oak Harbor, Washington |
| Eldersveld, Wilma Louise | Muskegon |
| Etheridge, Daane | Grand Rapids |
| Ezinga, Tena | Grand Rapids |
| Frieling, Arthur Thomas | Paterson, New Jersey |
| Geelhoed, Stewart | Byron Center |
| Gezon, Horace Martin | Grand Rapids |
| Goote, Marinus | Grand Rapids |
| Groteler, Pearl J. | Grand Rapids |
| Hall, Douglas | Grand Rapids |
| Harkema, James | Grand Rapids |
| Hartger, Harold Vos | Grand Rapids |
| Heerspink, Joe | Holland |
| Heetderks, Willis Gerald | Zeeland |
| Hekman, Freda C. | Grand Rapids |
| Hekman, Gabriel David | Grand Rapids |
| Hekman, Grace Lois | Grand Rapids |
| Hirschberg, Cotter | Grand Rapids |
| Hofmann, Elizabeth Helen Martha | Zeeland |
| Holtluwer, J. Henry | Grand Rapids |
| Hoogerland, Andrew William | Grand Rapids |
| Huizingh, Herman William | Grand Rapids |
| Jelsma, Carolyn Antoinette | Grand Rapids |
| King, Marian Grace | Grand Rapids |
| Kuiper, Klaire Van Zanten | Grand Rapids |
| Lubbers, Edward | Grand Rapids |

| NAME | ADDRESS |
|-----------------------------|--------------------------|
| Lundberg, Andrew Frederick | Minneapolis, Minnesota |
| Marlink, Richard | Jamestown |
| Merkus, Alice | Hull, Iowa |
| Pleune, Frances Ruth | Grand Rapids |
| Postema, George | Grand Rapids |
| Riepma, Gerrit | Grand Rapids |
| Roelofs, Richard | Hull, Iowa |
| Rosema, Robert | Grand Haven |
| Rus, Aletta Johanna | Byron Center |
| Rypkema, John Alfred | Lodi, New Jersey |
| Schiebout, Joe | Sioux Center, Iowa |
| Sevensma, Ruth Carolyn | Grand Rapids |
| Sieswerda, Richard Edward | Grand Rapids |
| Smith, Mildred Irene | Grand Rapids |
| Spalink, Anne Marie | Grand Rapids |
| Stehouwer, Miriam Elizabeth | Grand Rapids |
| Streelman, Gerard | Grand Rapids |
| Ten Hoor, Henry | Holland |
| Thomasma, Ruth | Grand Rapids |
| Tiemens, Herman John | Platte, South Dakota |
| Van Beek, Edith Grace | Maquoketa, Iowa |
| Van Dellen, Lubbert William | Chicago, Illinois |
| Vanden Berg, Angie | Grand Rapids |
| Vanden Berge, Ruth | Grand Rapids |
| Vander Ark, Harry G. | Ellsworth |
| Van Heyningen, Margie | Grand Rapids |
| Veenstra, Agnes Marie | Midland Park, New Jersey |
| Veenstra, Norman Richard | Lansing, Illinois |
| Vellenga, Agnes | Chicago, Illinois |
| Vroon, John | Grand Rapids |
| Vyn, Lois Jayne | Grand Rapids |
| Walkotten, Matthew John | Paterson, New Jersey |
| West, Frank | Grand Rapids |
| Westmaas, Frederick John | Marion |
| Zuiderveen, Lawrence George | Denver, Colorado |

JUNIORS

| | |
|-----------------------------|--------------------------|
| Aalberts, Gradus C. | Orange City, Iowa |
| Andree, Thelma Rose | Grand Rapids |
| Andriessen, Frederic Gerard | Grand Rapids |
| Baker, John | Rock Valley, Iowa |
| Barber, Robert Arthur | Grand Rapids |
| Berghuis, Melvin Earl | Clara City, Minnesota |
| Blauw, Martha | Holland |
| Blocksma, Ralph | Grand Rapids |
| Bokma, Walter | Allendale, New Jersey |
| Bolt, Clarence | Falmouth |
| Bolt, Henry A. | Prinsburg, Minnesota |
| Bonnema, Henrietta | Denver, Colorado |
| Botting, Mae Suzanna | Grand Rapids |
| Bouma, Annette Harriet | Passaic, New Jersey |
| Bratt, Cornelia | Charlevoix |
| Brown, Lloyd Earl | Coopersville |
| Bruizeman, Grace | Holland |
| Buist, Samuel John | Grand Rapids |
| Cavera, Joseph David | Grand Rapids |
| De Boer, Clarence | Grand Rapids |
| De Boer, Clarence John | Chatham, Ontario, Canada |
| Decker, Theressan | Grand Rapids |
| De Graaf, Esther | Grand Rapids |

| NAME | ADDRESS |
|-----------------------------|-------------------------|
| De Groot, Anthony Thomas | Racine, Wisconsin |
| De Jong, Peter | Ripon, California |
| De Jong, Peter James | Grand Rapids |
| De Kryger, Cornelia Joan | Fremont |
| De Loof, Henrietta | Grand Rapids |
| De Vries, Marion | Grand Rapids |
| De Vries, Ruby Caroline | Grand Rapids |
| De Vries, William Henry | Grand Rapids |
| Diephuis, Ida Marie | Goshen, Indiana |
| Dirkse, Thedford | Holland |
| Ditmar, Anne Joane | Grand Rapids |
| Dykman, Harold Albert | Grand Rapids |
| Geerdes, Anne Henrietta | Chicago, Illinois |
| Glass, Genevieve | Grand Rapids |
| Goris, Edith | Lafayette, Indiana |
| Groeneveld, Mae Margaret | Grand Rapids |
| Hager, Dorothy Camilla | Grand Rapids |
| Hauenstein, Howard James | Grand Rapids |
| Hewett, Dorothy Marie | Grand Rapids |
| Hoekema, Anthony Andrew | Grand Rapids |
| Hoeksema, Joanne Dorothy | Grand Rapids |
| Hoeksema, Louise Beatrice | Grand Rapids |
| Hoving, Howard | Wallington, New Jersey |
| Huizenga, John Wilbur | Chicago, Illinois |
| Humphrey, Hazel Daisy | Grandville |
| Imanse, Ruth Viola | Grand Rapids |
| Jabaay, Ida | Lansing, Illinois |
| Kelly, George Elmore | Grand Rapids |
| Kromminga, Agnes J. | Grand Rapids |
| Lamberts, Austin Elwin | Fremont |
| Lamberts, Mildred Frances | Fremont |
| Lindemulder, Hermine Louise | Grand Rapids |
| Luurtsema, Albert | Zeeland |
| Marsh, Helen A. | Grand Rapids |
| Mulder, Jeanne Anita | Grand Rapids |
| Nieuwdorp, Anna Berdina | Grand Rapids |
| Northouse, Hazel Elizabeth | Jenison |
| Palmer, Maurine Anice | Grand Rapids |
| Peters, Eugene | Holland |
| Peterson, Raymond | Grand Rapids |
| Post, Lois Ruth | Zeeland |
| Postma, Edward | Grand Rapids |
| Prince, Maurice Leslie | Grand Rapids |
| Purvis, Orrin | Grand Rapids |
| Roze, Nellie Adrianna | Paterson, New Jersey |
| Rynbrandt, Aletha Elizabeth | Grand Rapids |
| Sluyter, John Stanley | Grand Rapids |
| Strikwerda, Earl | Grand Rapids |
| Tyler, Mason Whiting | Grand Rapids |
| Usher, Margaret Louise | Grand Rapids |
| Van Baren, Alice | South Holland, Illinois |
| Van Beek, Sylvia Christine | Chicago, Illinois |
| Van Dellen, Elizabeth | Grand Rapids |
| Vanden Berge, Nellie Ada | Kalamazoo |
| Vander Ark, Clifford | Grand Rapids |
| Vander Veen, Jay P. | Grand Rapids |
| Van Eerden, Thomas | Grand Rapids |
| Van Ess, Louis | Grand Rapids |
| Van Lonkhuizen, John Henry | Zierikzee, Netherlands |
| Van Sluys, Mary Elizabeth | Grand Rapids |

| NAME | ADDRESS |
|-----------------------------|-------------------------|
| Van Wyk, Gerald Jacob..... | Grand Rapids |
| Van Zanten, Nellie Mae..... | South Holland, Illinois |
| Veenstra, Rolf L..... | Denver, Colorado |
| Vertreg, Henry..... | Grand Rapids |

SENIORS

| | |
|-------------------------------|----------------------|
| Bengelink, Henry..... | Grand Rapids |
| Breen, Oliver..... | Grand Rapids |
| Brink, Arnold..... | Lynden, Washington |
| Brink, Arthur Frederic..... | Holland |
| Bruins, Clarence..... | Grand Rapids |
| Carey, Howard Ray..... | Byron Center |
| Colver, Grace Eleanor..... | Grand Rapids |
| Daling, John Thomas..... | Grand Rapids |
| Daverman, Herbert George..... | Grand Rapids |
| De Groot, Otto..... | Volga, South Dakota |
| De Mots, Henry..... | Grand Rapids |
| De Vries, Anna K..... | Ontario, California |
| De Vries, John..... | Grand Rapids |
| Doezema, Lambert..... | Grand Rapids |
| Fles, James Herman..... | Grand Rapids |
| Goote, Marinus A..... | Grand Rapids |
| Groen, Winifred..... | Grand Rapids |
| Hager, Caroline Jane..... | Grand Rapids |
| Handlogten, Frederick..... | Grand Rapids |
| Hekman, Edgar..... | Grand Rapids |
| Hekman, Edsko H..... | Grand Rapids |
| Hekman, Edward..... | Grand Rapids |
| Heyboer, Titus..... | Hudsonville |
| Hoekenga, James Peter..... | Alameda, California |
| Hogan, Gordon Alphonsus..... | Grand Rapids |
| Holman, Edwin..... | Grand Haven |
| Hunderman, Marjorie Lou..... | Grand Rapids |
| Kingwill, Wilbur John..... | Grand Rapids |
| Klomp, Henry..... | Hudsonville |
| Kooiman, Elmer Peter..... | Boyden, Iowa |
| Kuiper, Claire..... | Grand Rapids |
| Langham, Robert Frederic..... | Ionia |
| Luchies, John E..... | Grand Rapids |
| Ludwig, Cornelius Emmett..... | Grand Rapids |
| Maring, Nellie Abby..... | McBain |
| Medendorp, Jacob..... | Grand Rapids |
| Merizon, Beth..... | Grand Rapids |
| Moerman, Roger L..... | Grand Rapids |
| Moes, Jean..... | Gary, Indiana |
| Monsma, George Norman..... | Grand Rapids |
| Ottenhoff, Herman Henry..... | Chicago, Illinois |
| Pardee, William Hollis..... | Otsego |
| Powell, Mary Elizabeth..... | Grand Rapids |
| Prins, Gertrude..... | Zeeland |
| Punt, Nicholas..... | Redlands, California |
| Renihan, Joseph Augustus..... | Grand Rapids |
| Rinck, Margaret..... | Grand Rapids |
| Rosendall, Adam..... | Grand Rapids |
| Rupke, Edward..... | Long Island, Kansas |
| Serfling, Robert Elton..... | Grand Rapids |
| Sikkema, Henry..... | Grand Rapids |
| Simerink, Henrietta A..... | Grand Rapids |
| Simons, James Joseph..... | Grand Rapids |
| Slikkers, Hazel Florence..... | Holland |

| NAME | ADDRESS |
|------------------------------------|-----------------------|
| Stevens, Mildred Maxine..... | Grand Rapids |
| Stewart, Robert Edward..... | Grand Rapids |
| Storm, John William..... | Grand Rapids |
| Stuart, Lenore Alberta..... | Grand Rapids |
| Thomasma, Esther Roselind..... | Grand Rapids |
| Uhl, Alice Mortimer..... | Grand Rapids |
| Vande Riet, Gertrude Ruth..... | Grand Rapids |
| Vander Jagt, Adriana..... | Grand Rapids |
| Vander Pol, Jeannette Alida..... | Corsica, South Dakota |
| Van Houten, Frederick William..... | Byron Center |
| Van Melle, Peter James..... | Haledon, New Jersey |
| Veltkamp, Lawrence Edward..... | Holland |
| Veltman, Nelson L..... | Grand Rapids |
| Vonk, Paul Kenneth..... | Grand Rapids |
| Wesseling, Jessie..... | Quinton, Virginia |
| Wierenga, Florence Estelle..... | Grand Rapids |
| Wynbeek, Dave..... | Clinton, New Jersey |

SPECIAL

| | |
|----------------------------------|---------------------------|
| Arnold, Warren Maxfield..... | Hudsonville |
| Aronson, Emma..... | Grand Rapids |
| Arrison, Gertrude Seal..... | Grand Rapids |
| Bradbury, Evelyn Marguerite..... | Grand Rapids |
| Hauenstein, Evelyn Nieboer..... | Grand Rapids |
| Houseman, Don Esko..... | Belgrade, Montana |
| Leestma, Ethel Gertrude..... | Grand Rapids |
| Sevensma, James Arthur..... | Grand Rapids |
| Smith, George Marion..... | Grand Rapids |
| Stuit, Rolf Kenneth..... | Grand Rapids |
| Timmerman, John Johnson..... | Grand Rapids |
| Van Loo, Lenore..... | Grand Rapids |
| Ver Merris, Raymond Anthony..... | Grand Rapids |
| Waite, Verne Charles..... | Ribstone, Alberta, Canada |