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

**CALENDAR**

1937

- **January 4-5**: Registration for Second Semester.
- **January 5, 7:00 A.M.**: Christmas Vacation ends.
- **January 14-22**: Final Examinations.
- **January 22**: First Semester closes.
- **January 26**: Second Semester begins.
- **March 10**: Day of Prayer.
- **March 19, 6:00 P.M.**: Spring Vacation begins.
- **March 30, 7:00 A.M.**: Spring Vacation ends.
- **April 1**: Re-examinations.
- **May 20-29**: Final Examinations.
- **June 1**: Commencement.

**Summer Vacation**

- **September 8, 9:00 A.M.**: Enrollment of New Students.
- **September 8-9, 9:00 A.M.**: Registration for First Semester.
- **September 9, 9:00 A.M.**: Opening Exercises.
- **September 9-10**: Re-examinations.
- **November 25-26**: Thanksgiving Recess.
- **December 17, 6:00 P.M.**: Christmas Vacation begins.

1938

- **January 3-4**: Registration for Second Semester.
- **January 4, 7:00 A.M.**: Christmas Vacation ends.
- **January 13-21**: Final Examinations.
- **January 21**: First Semester closes.
- **January 25**: Second Semester begins.
- **February 22**: Washington's Birthday.
- **March 9**: Day of Prayer.
- **March 18, 6:00 P.M.**: Spring Vacation begins.
- **March 29, 7:00 A.M.**: Spring Vacation ends.
- **April 1**: Re-examinations.
- **May 19-28**: Final Examinations.
- **May 31**: Commencement.
BOARD OF TRUSTEES

OFFICERS
The Rev. Y. P. De Jong .................. President
The Rev. John J. Hemenga ............... Vice-President
The Rev. Lambertus J. Lambert ........... Secretary
The Rev. Daniel Zwier .................. Assistant Secretary

MEMBERS
CLASSIS CALIFORNIA
The Rev. Jacob Bolt .................. Crown Point, N. Mex. 1938
The Rev. Richard J. Freim ............... Hanford, Calif. 1940
CLASSIS GRAND RAPIDS, EAST
The Rev. James Bruinooge ............... Moline, Mich. 1940
CLASSIS GRAND RAPIDS, WEST
The Rev. Garret Hofmeyer ............... Grand Rapids, Mich. 1940
CLASSIS HACKENSACK
The Rev. John J. Hemenga ............... Paterson, N. J. 1938
The Rev. Dirk De Beer .................. Passaic, N. J. 1940
CLASSIS HOLLAND
The Rev. Daniel Zwier .................. Holland, Mich. 1938
The Rev. Lambertus Veltkamp .......... Holland, Mich. 1940
CLASSIS HUDSON
The Rev. James Holwerda ............... Paterson, N. J. 1938
The Rev. Charles Speelhof ............... Lodi, N. J. 1940
CLASSIS ILLINOIS
The Rev. Peter A. Hoekstra ............. Cicero, Ill. 1938
The Rev. Martin Van Dyk, B. D. ...... Highland, Ind. 1940
CLASSIS MUSKEGON
CLASSIS ORANGE CITY
The Rev. Ralph Bronkema, Th.D. ........ Orange City, Iowa 1938
The Rev. William Bajema ............... Sheldon, Iowa 1940
CLASSIS OSTFRIESLAND
The Rev. Anthony A. Koning ............. Renville, Minn. 1938
The Rev. John C. De Korne, Th. D. ... Wellsburg, Iowa 1940
CLASSIS PACIFIC
The Rev. Jacob Mulder ............... Nobleford, Alta., Canada 1938
The Rev. John M. Byleveld ............. Oak Harbor, Wash. 1940
CLASSIS FELLA
The Rev. Paul De Koekoek ............... Oteley, Iowa 1938
The Rev. Martin Monama .......... Fella, Iowa 1940

CLASSIS SIOUX CENTER
The Rev. John Gritter ............... Rock Valley, Iowa 1938
The Rev. John M. Dykstra .............. Sioux Center, Iowa 1940
CLASSIS WISCONSIN
The Rev. Nicholas Jansen ............. Baldwin, Wis. 1938
The Rev. John C. Schaap ............... Osceola, Wis. 1940
CLASSIS ZEELAND
The Rev. Ebo J. Krohn ................. Hudsonville, Mich. 1938
The Rev. William Kok ................. Zeeland, Mich. 1940

EXECUTIVE COMMITTEE
The Rev. Lambertus Veltkamp, President
The Rev. Lambertus J. Lambert, Secretary
The Rev. James Bruinooge
The Rev. Ymen P. De Jong, Th. D.
The Rev. Ebo J. Krohn

COMMITTEE ON FINANCE
Mr. Gerrit J. Roeks, President
The Rev. Daniel Zwier, Secretary
Mr. Gerrit L. Dornbos
Mr. John Hekman
Mr. Benjamin W. Hertel
The Rev. William P. Van Wyk
Mr. Fred L. Winter
Mr. Tony Noordewier, Treasurer
Mr. Henry Voog, Assistant Treasurer
Miss Caroline Veen, Clerk
Mr. E. J. Norden, Janitor

*Deceased.
THE FACULTY

RALPH STOR, Ph. D., President
Professor of the Greek Language and Literature
1301 Calvin Avenue, S. E. Telephone 3-4803

ALBERT J. ROOKS, A. M., Dean
Professor of the Latin Language and Literature
737 Benjamin Avenue, S. E.

KLAAS SCHOELAND
Professor Emeritus of the Greek Language and Literature
854 Worden Street, S. E.

JACOB G. VAN DEN BOSCHE, A. M.
Professor of the English Language and Literature
357 Bates Street, S. E.

ALBERT E. BROEKE, A. B.
Professor of Modern Languages
1417 Thomas Street, S. E.

JOHANNES BROEKE, A. M.
Professor of Education and Psychology
1409 Fifth Street, S. E.

JOHN P. VAN HARTEMA, Ph. D.
Professor of Organic Science
1027 Benjamin Avenue, S. E.

JAMES NIEUWTOFT, B. S.
Professor of Mathematics
500 Benjamin Avenue, S. E.

HENRY J. G. VAN ANDEL, A. M.
Professor of the Holland Language and Literature
1231 Giddings Avenue, S. E.

PIETER HOKSTRA, Ph. D., Secretary
Professor of Historical and Political Science
1015 Worden Street, S. E.

HENRY J. RYKAMP, Ph. D.
Professor of Romance and Sociology
1201 Sherman Street, S. E.

HENRY DEKKER, M. S., Registrar
Professor of Chemistry
3308 Alexander Street, S. E.

THE REV. H. HENRY MEYER, Th. D.
Professor of Bible
1415 Fuller Avenue, S. E.

HENRY VAN ZYL, Ph. D.
Professor of Educational Methods
1145 Fuller Avenue, S. E.

SKYMOUR SWETS, A. M.
Professor of Public Speaking and Music
1303 Underwood Avenue, S. E.

*LAMBERT J. FLOKSTRA, A. M.
Instructor in Education
1126 Aloe Avenue, S. E.

JOHANNA TIMMER, A. M.
Dean of Women and Instructor in English
1009 Bates Street, S. E.

*On leave of absence during the second semester.
ADMISSION

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. Blankets 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 plans:

Plan A. Admission by Certificate. To be admitted on this plan, the applicant must meet the following 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
- English ................ 3 units
- Foreign Languages, any one: Laboratory Science, any one:
  - Dutch, French, German, Biology, Botany, Chemistry,
  - Greek, or Latin ........ 2 units

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

- Algebra .............. 1 unit
- English ................ 3 units
- Geometry ................ 1 unit
- German ................ 2 units
- History ................ 1 unit
- Latin ................ 2 units
- Science ................ 1 unit
- Physics, or Zoology .... 1 unit

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

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

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

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

For admission to the pre-Agricultural course, twelve units prescribed:

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

For admission to the pre-Mechanical course, twelve units prescribed:

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

ADVANCED STANDING

(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. 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
- Bible ................... 1 unit
- Botany .............. ½ to 1 unit
- Chemistry .............. 1 unit
- Civics, Economics ...... ½ to 1 unit
- and Sociology ........ ½ to 1 unit
- Dutch ................... 2 to 4 units
- English .............. 3 to 4 units
- French ................... 2 to 4 units
- Geography and Geology .... ½ unit
- Latin ................... 2 to 4 units
- Greek, or Latin ........ 2 units
- Greek, or Latin ........ 2 units
- Laboratory Science, any one:
  - Biology, Botany, Chemistry,
  - Physics, or Zoology .... 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 seventy-five dollars a semester. For students who are members of a Christian Reformed Church and thus contribute indirectly to the support of Calvin College the tuition is as follows:

For students residing west of the Ohio River and east of the Mississippi the tuition is fifty dollars a semester.

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 textbooks, are from $200.00 up.

**STUDENT EXPENSES**

**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.

Girls 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 made 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, 1937.

For detailed information address Mr. Edgar H. Alles, Penobscot Building, Detroit, Mich.

FRESHMEN 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.

PRIZES AND AWARDS

ALUMNI TUITION SCHOLARSHIP.—The Alumni Association annually offers a tuition scholarship to that member of the Sophomore class who in his Freshman year has shown himself to be deserving. The conditions are as follows:

1. The recommendation shall be on the basis of scholarship, Christian character, personality, and promise of growth.
2. The recipient should expect to complete his college work at Calvin College.
3. If in the opinion of the faculty no suitable candidate is available, no award shall be made in that particular year.
4. The applicant receiving the majority of votes is considered elected.

Prizes and Awards

ALUMNI PRIZE, $15.00.—The Alumni Prize is offered for the year 1936-37 for special excellence in the course Vertebrate Zoology. The students are required to write a paper on "The Anatomy and Adaptations of Five Types of Mammalian Feet."

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.

ETHANY, 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.

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

**Brooman Debate Trophy.**—All students are eligible for intramural debating in competition for the silver cup awarded by Dr. G. J. Brooman. 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.

**Heyboor Prize.**—Mr. G. A. Heyboor 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."

**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.

**The Hekman Memorial Library**

The library contains 23,000 volumes. About 600 books are added yearly. All students and former students of Calvin College and Seminary are entitled to the full use of the library.

**Physical Education**

Every freshman student is required to take two hours of gymnastics or physical education per week. No credit is given for this work. Exemptions from this requirement are made only upon written request of the family physician or a statement from the Dean.
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:

<table>
<thead>
<tr>
<th>MARK</th>
<th>INTERPRETATION</th>
<th>EQUIVALENT HONOR POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Exceptional</td>
<td>3</td>
</tr>
<tr>
<td>B</td>
<td>Good or very good</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>Graduation average</td>
<td>1</td>
</tr>
<tr>
<td>D</td>
<td>Unsatisfactory; just passable</td>
<td>0</td>
</tr>
<tr>
<td>E</td>
<td>Condition, which may be removed by re-examination</td>
<td>Minus 1</td>
</tr>
<tr>
<td>F</td>
<td>Failure. No re-examination</td>
<td>Minus 2</td>
</tr>
<tr>
<td>Inc.</td>
<td>Work not completed</td>
<td></td>
</tr>
</tbody>
</table>

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.

If a student is absent from a final examination without excuse, the mark "No exam." will be given. This mark must be removed by taking the examination at the time scheduled for re-examinations. Failure to do this results in an F for the course.

The mark Inc. signifies the absence of a certain amount of reading to be completed, or of papers to be handed in. This mark is given only in cases of prolonged illness and in emergencies, i.e., in circumstances which may reasonably prevent a student from completing his work on time, such as practice teaching, inability to obtain necessary books, etc. To remove a mark Inc. the student must secure credit for the course by satisfying the instructor within one year. 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.

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.

Disruption

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, 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:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101, 102</td>
<td>6</td>
</tr>
<tr>
<td>French or German</td>
<td>14</td>
</tr>
<tr>
<td>History</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy (not including Psychology or Logic)</td>
<td>6 hours</td>
</tr>
<tr>
<td>Natural Science</td>
<td>10</td>
</tr>
<tr>
<td>Latin 10 hours or Greek 14 hours</td>
<td></td>
</tr>
</tbody>
</table>

At least half of the student's work must be in courses other than those required by the major or minor.

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, History, 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 which 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. For requirements see 3a (1 and 2) and b under Education below.
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 117 hours of work are prescribed:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bible 201, 202, 301, 302</td>
<td>8</td>
</tr>
<tr>
<td>Dutch History</td>
<td>3</td>
</tr>
<tr>
<td>Education 301</td>
<td>18</td>
</tr>
<tr>
<td>German 203</td>
<td>3</td>
</tr>
<tr>
<td>Greek</td>
<td>12</td>
</tr>
<tr>
<td>Greek (Legs)</td>
<td>6</td>
</tr>
<tr>
<td>Hebrew</td>
<td>6</td>
</tr>
<tr>
<td>History</td>
<td>6</td>
</tr>
<tr>
<td>Latin</td>
<td>10</td>
</tr>
<tr>
<td>Dutch</td>
<td>3</td>
</tr>
<tr>
<td>English</td>
<td>12</td>
</tr>
<tr>
<td>English (including)</td>
<td>6</td>
</tr>
<tr>
<td>German</td>
<td>6</td>
</tr>
<tr>
<td>Greek</td>
<td>6</td>
</tr>
<tr>
<td>Greek (Legs)</td>
<td>6</td>
</tr>
<tr>
<td>History</td>
<td>6</td>
</tr>
<tr>
<td>History</td>
<td>6</td>
</tr>
<tr>
<td>Latin</td>
<td>10</td>
</tr>
</tbody>
</table>

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. A total of 125 hours of work must be completed.

2. Grade of Work. At least 125 honor points are required.

3. Prescribed Work. To earn the degree of bachelor of arts in education for recommendation for a Michigan State Teachers’ Life Certificate the student must complete:

a. The State Department of Education requirements:

(1) Education 201-202; 203 or 306 or 308; 314 or 315 or 317; a method course (see below); and 345...

(2) A major field of 24 hours and two minors of 15 hours each, in subjects or subject fields in which the student expects to teach...

Students intending to teach in the elementary grades may choose four minors, two of which must be in subject or subject fields taught in elementary grades.

b. Calvin College requirements:

(1) Bible 201...10 hours
(2) History 101, or Geog. (N.A.), or Geog. (S.A.)....6 hours
(3) Foreign language or Mathematics or Science...6 hours
(4) Natural Science...4 hours
(5) Music and Speech 101 or 103...4 hours

(3) Prospective elementary teachers are advised to select their minors from the following—one minor from one of the four subject fields:

- English Studies: Literature, Rhetoric, Language, Speech, Reading
- Art Studies: Music, Fine Arts, Industrial Arts
- Social Studies: Economics, Geography, History, Political Science, Sociology, Ethics
- Science Studies: Mathematics, Organic Science, Physics, Chemistry

(4) Music 201 and Speech 101 or 103...4 hours

(5) Prospective teachers in elementary grades must include:

(1) Art 227 (no credit in sem. hours), and 361...3 hours
(2) Economics 101, or Geog. (N.A.), or Geog. (S.A.)....2 or 3 hours
(3) Education 220, 329, 331, 323, 324 or 322, 341...15 hours

One of these method courses is included in requirement e. (2) above.

(4) Music 201 and Speech 101 or 103...4 hours

(6) Prospective teachers in secondary schools must also take Education 542 and at least one method course in their major or minor subject or subject fields from the following:

- Education 220, 307, 310, 324, 326, 328, 340, 350...42 hours

A student who has had French, German or Latin in high school may have his number of hours prescribed in college reduced by four hours for each of the first two units of high school work. One year of a foreign language must be taken in college.

4. After June, 1939, the State Department of Education no longer issues Life Certificates upon graduation but gives Provisional Certificates valid for five years, to be converted into a Permanent Certificate after three years of successful teaching on the elementary level or on the secondary level within the five-year period defined by the validity of the provisional certificate.

The Provisional Certificate after June, 1939, will be awarded to the graduates meeting the State requirements with the distinct provision that those receiving a certificate for the elementary school may not teach in high schools, unless they complete at least six additional semester hours, specifically in the field of secondary education, after the date of issue of the elementary provisional certifi-
cate. Those awarded a certificate for high school may not teach in elementary schools, unless they complete at least six additional semester hours, specifically in the field of elementary education, after the date of issue of the secondary provisional certificate. The academic training shall include two minors in subjects or subject fields taught in the elementary schools.

To satisfy the obvious intent of the State, to meet the needs of the pupils on a specific level, and to help facilitate the work of the Calvin Placement Bureau, students are even now advised to prepare definitely for the elementary or for the high school level.

Those who at first set out to earn a General A. B. and later change to an A. B. in Education may meet serious difficulties because of different sets of requirements for the two degrees.

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 94 hours of work.

2. GRADE OF WORK. The student must obtain a total of 94 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 125 honor points, representing an average of C+.

3. PRESCRIBED WORK. The following courses are prescribed:

Freshman Year

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bible 101 2 hours</td>
<td>Chemistry 104 4 hours</td>
</tr>
<tr>
<td>Chemistry 103 4 hours</td>
<td>English 104 8 hours</td>
</tr>
<tr>
<td>English 103 3 hours</td>
<td>Mathematics 104 8 hours</td>
</tr>
<tr>
<td>Organic Science 101 4 hours</td>
<td>Organic Science 106 4 hours</td>
</tr>
<tr>
<td>History 101 3 hours</td>
<td>History 102 3 hours</td>
</tr>
<tr>
<td><strong>16 hours</strong></td>
<td><strong>17 hours</strong></td>
</tr>
</tbody>
</table>

Sophomore Year

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bible 201 2 hours</td>
<td>Bible 202 2 hours</td>
</tr>
<tr>
<td>Chemistry 201 4 hours</td>
<td>Chemistry 202 4 hours</td>
</tr>
<tr>
<td>French or German 3 hours</td>
<td>French or German 3 hours</td>
</tr>
<tr>
<td>Philosophy 201 (Psych.) 3 hours</td>
<td>Organic Science 203 4 hours</td>
</tr>
<tr>
<td>Physics 201 4 hours</td>
<td>Physics 202 4 hours</td>
</tr>
<tr>
<td><strong>16 hours</strong></td>
<td><strong>17 hours</strong></td>
</tr>
</tbody>
</table>

Junior Year

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bible 301 2 hours</td>
<td>Chemistry 301 2 hours</td>
</tr>
<tr>
<td>Chemistry 301 2 hours</td>
<td>English or Elective 8 hours</td>
</tr>
<tr>
<td>English or Elective 8 hours</td>
<td>Organic Science 302 4 hours</td>
</tr>
<tr>
<td>Organic Science 305 3 hours</td>
<td>Educ. 319 (Abn. Psych.)</td>
</tr>
<tr>
<td>Organic Science 309 3 hours</td>
<td>or Elective 8 hours</td>
</tr>
<tr>
<td><strong>16 hours</strong></td>
<td><strong>16 hours</strong></td>
</tr>
</tbody>
</table>

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 four hours for each of the first two units of work. But one year 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 with a record of not less than 125 honor points received in the required ninety-four 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.

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 Science 201 and 203-4.

Pre-Law

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; 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:

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bible 101</td>
<td>2 hours</td>
<td>Bible 102</td>
</tr>
<tr>
<td>English 103</td>
<td>3 hours</td>
<td>English 104</td>
</tr>
<tr>
<td>Latin</td>
<td>3 hours</td>
<td>Elective</td>
</tr>
<tr>
<td>Mathematics or Science</td>
<td>3 hours</td>
<td>Logic</td>
</tr>
<tr>
<td>Psychology</td>
<td>3 hours</td>
<td>Mathematics or Science</td>
</tr>
<tr>
<td>Public Speaking</td>
<td>2 hours</td>
<td>Public Speaking</td>
</tr>
</tbody>
</table>

Sophomore Year

| Bible 201     | 2 hours        | Bible 202       |
| English       | 3 hours        | English         |
| History 203   | 3 hours        | History 204     |
| Latin, French or German | 3 hours | Latin, French or German |
| Political Science | 3 hours | Political Science |
| Sociology 203 | 3 hours        | Sociology 204   |

Junior Year

| Bible 301     | 2 hours        | English         |
| English       | 3 hours        | History 302     |
| History 301   | 3 hours        | Political Science |
| Latin 320 (Rom. Cul.) | 3 hours | Latin 320 (Rom. Cul.) |
| Elective      | 3 hours        | Elective (2 or 3 hours) |

Requirements for Graduation

A student who has had French or German in high school may have his number of hours prescribed in college reduced by four hours for each of the first two units of high school work. But one year of French or German must be taken in college.

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

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.

Some law schools require an average grade equivalent to one and one-half honor points per hour of credit.

Pre-Engineering

Normally five or six semesters 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 68 hours of work.

2. Grade of Work. The student must obtain a total of 68 honor points; in other words, must obtain an average grade of C.

3. Prescribed Work. Of the 68 hours required, the following are prescribed:

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 101 or 103</td>
<td>4 hours</td>
<td>Bible 102</td>
</tr>
<tr>
<td>English 103</td>
<td>3 hours</td>
<td>Chemistry 102</td>
</tr>
<tr>
<td>Mathematics 103</td>
<td>3 hours</td>
<td>English 104</td>
</tr>
<tr>
<td>Mathematics 202</td>
<td>4 hours</td>
<td>Mathematics 202</td>
</tr>
<tr>
<td>Drawing 101</td>
<td>3 hours</td>
<td>Drawing 102</td>
</tr>
</tbody>
</table>

Sophomore Year

| Bible 201     | 2 hours        | Bible 202       |
| Mathematics 301 | 5 hours | Mathematics 302  |
| Physics 201   | 5 hours        | Physics 202     |
| Economics 201 | 3 hours        | Statics 302     |
4. COURSES IN MATHEMATICS. Students not meeting admission requirements in Mathematics are advised to complete the course in three years. Mathematics courses may then be distributed as follows:
- Freshman Year Mathematics 102*, 103, 104*
- Sophomore Year Mathematics 201, 202
- Junior Year Mathematics 301, 302

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:

**FIRST SEMESTER**
- *Bible* 2 hours
- *English 103* 3 hours
- *Lab. Science* 4 or 5 hours
- *Econ. Group* 3 hours

**SECOND SEMESTER**
- *Bible* 2 hours
- *English 104* 3 hours
- *Lab. Science* 4 or 5 hours
- *Sociology 102 or 204* 3 hours

One of the following:
- Mathematics, Foreign Language, History, or
- Mathematics, Foreign Language, History, 3 hours

Sophomore Year

**FIRST SEMESTER**
- *Bible* 2 hours
- *Economics 201* 3 hours
- *Economics 202 or 301* 3 hours
- *Phil. (or Phys.) 203* 3 hours
- *Public Speaking 102* 3 hours
- *Public Speaking 104* 3 hours
- *Electives* 3 hours

**SECOND SEMESTER**
- *Bible* 2 hours
- *Economics 202* 3 hours
- *Economics 203* 3 hours
- *Logic 202* 3 hours
- *Mathematics 201* 3 hours
- *Electives* 3 hours

**NOTICE:** This course is arranged to enable the student to meet the requirements of schools such as the Northwestern School of Commerce which begin their co-operative 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

---

**Requirements for Graduation**

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. **Recommended Program.** The following constitutes a recommended three-year pre-Forestry program in which the subjects marked with an asterisk are required by most schools of forestry and others are desirable electives.

**Three-Year Course**

**Freshman Year**

**FIRST SEMESTER**
- *Chemistry 101 or 103* 4 hours
- *Drawing 101* 3 hours
- *English 103* 3 hours
- *Mathematics 103* 3 hours
- *Organic Science 101* 4 hours

**SECOND SEMESTER**
- *Bible 102* 2 hours
- *Chemistry 102 or 104* 4 hours
- *English 104* 3 hours
- *Mathematics 104* 3 hours
- *Organic Science 202* 4 hours

**Sophomore Year**

**FIRST SEMESTER**
- *Economics 201* 3 hours
- *French or German 101, or Organic Science 201* 4 hours
- *Mathematics 201 or Electives* 3 hours
- *Public Speaking 103* 2 hours

**SECOND SEMESTER**
- *Bible 203* 2 hours
- *Economics 202* 3 hours
- *French or German 102, or Organic Science 203* 4 hours
- *Statistics* 3 hours
- *Surveys* 3 hours

**Junior Year**

**FIRST SEMESTER**
- *Bible 301* 2 hours
- *English 301 or 302* 3 hours
- *French or German 201, or Organic Science 203* 3 hours
- *Electives* 3 hours

**SECOND SEMESTER**
- *English 302 or 304* 3 hours
- *French or German 202* 3 hours
- *Organic Science 204* 2 hours
- *Physics 203* 4 hours
- *Electives* 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 four hours for each unit completed in high school.

The course in Surveying may be taken at Grand Rapids Junior College either during the Sophomore or Junior year.

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. Such electives must have the approval of the Dean.

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.

In addition to the above course, two years of study in a forestry school are required for professional forestry. The satisfactory 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:

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Science 101</td>
<td>Bible 102</td>
</tr>
<tr>
<td>Chemistry 101</td>
<td>Organic Science 106</td>
</tr>
<tr>
<td>English 101</td>
<td>Sociology 106</td>
</tr>
<tr>
<td>Public Speaking 103</td>
<td>Phil. (Psych.) 201</td>
</tr>
<tr>
<td>Intro. Bacteriology</td>
<td>Nutrition (at Grand Rapids Junior College)</td>
</tr>
<tr>
<td>16 hours</td>
<td>18 hours</td>
</tr>
</tbody>
</table>

Prerequisite: 321.

DESCRIPTION OF COURSES

Art

Courses 321 and 332 may be credited in the Dutch department. They are of great benefit to teachers and students of history and literature.

237. PENNANTSHIP

Two hours

Theory and practice. Freeman system. Blackboard writing also included. No college credit given for this course.

301. DOMESTIC 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 an 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: 321.

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 the individual books.

102. INTRODUCTION TO THE BOOKS OF THE BIBLE

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

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

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

Continuation of 101. 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.

203. 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.

205. Inorganic Chemistry

Two hours
A course emphasizing the theorems and laws of inorganic chemistry and presenting some of the principles of inorganic physical chemistry. Two hours class-room work. Prerequisite: Chemistry 201, and preferably Physics 201 and 202.

204. Organic Chemistry

Three hours
Three lecture hours per week. A continuation of 202, stressing particularly the aromatic compounds. Prerequisite: general inorganic chemistry and 201.

300h. Teachers' Course

One hour
Methods of teaching chemistry in secondary schools. Prerequisite: two years of chemistry.

Dutch

A. Dutch Language

101. Elementary Grammar

Three 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 a five hour course will be arranged.
331. Flemish Painting
Three hours
The Flemish and Dutch Primitives and Italian Painters before 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.

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.

Three hours
A study of man's adaptation to and control of his physical environment, with emphasis on the resources of the various economic regions of the world and their effect upon man's industry, 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.

203. Principles of Economics
Three hours
A continuation of the principles of economics and an application of the same to current industrial problems and institutions.

202. Sociology
Three hours
A study of the underlying social relationships with a view to bringing out the essential likeness 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 prevalent 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 role of currency systems in our national and international life. A detailed study of the functions of banking, the Federal Reserve, private financial institutions, foreign trade, and so forth. Prerequisite: 201 and 202 or their equivalents.

302. (Economics) Business Organization and Combination (Corporation Finance)
Three hours

303. (Economics and Sociology) Labor Problems and Trade Unions
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. Prerequisites: 201 and 202, or 303 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, as 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 the 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 methods of operation of middlemen, associating activities affecting marketing, price policies, etc. Given in 1936-37.

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.

Statistics
A course in statistics is offered in the mathematics department.

Education

A. PSYCHOLOGY

201. Introductory Psychology
Three hours
A general course in psychology for beginners.

202. Educational Psychology
Three hours
Course 201, or its equivalent, is a prerequisite.

204. Genetic Psychology
Three hours
A study of the psychology of the child. Course 201 or its equivalent, is a prerequisite. Not offered in 1937-38.

312. Abnormal Psychology
Three hours
A study of disorders of sensation, perception, association, etc. Special study is made of neurosis, hysteria, and other subjects usually considered under the heading of abnormal psychology, especially, too, the phenomena and problems of insanity. Either Education 201, 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.
222. Teaching Music in the Elementary Schools
Three hours
The student will get practice in teaching music in the elementary school through singing as a major part of teaching technique in elementary school music. Demonstration lessons will be observed by the class as a whole.

236. Teaching English in Secondary Schools
One, two, or three hours
Content as well as method receives attention. Same as English 336m. Two hours devoted to content; one to method.

238. Teaching Latin
Same as Latin 327 and 336m combined.

310. Educational Measurements
Three hours
A survey course of present-day practices of measuring the results of teaching and of mental testing.

340. Curriculum
Two or three hours
A study of curriculum making, the principles, and their application on the elementary and secondary levels with emphasis on language.

341. Directed Observation of Teaching
Three hours
About eighteen hours are spent in the schools of Grand Rapids with specific instructions for directed observation. The three hours of class are devoted to conferences and class discussion of reports. Each student is required to write four extensive reports. For students planning to teach in the elementary schools. To be taken the first semester of their senior year.

343. Practice Teaching
Five hours
Course 341 or 342 is a prerequisite. Offered both semesters.

380m. The Teaching of Latin or English, Etc.
Teach your course 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 Drawing
Three hours
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.

126. Descriptive Geometry
Three hours
Exercise, 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. Mechanics and Sketching
Two hours
Sketching 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.

202. 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, reactions, lectures, problems. Must be preceded or accompanied by Mathematics 302 and Physics 302.
English

102. FREEMEN ENGLISH
   Three hours
   This is a basic course required of all Fresmen.

104. FREEMEN ENGLISH
   Three hours
   This is a continuation of the preceding course. Both 102 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 1800
   Three hours
   Emphasis upon Beowulf, the metrical romances, Chaucer, the
   humanists, and the non-dramatic writers of the Elizabethan

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 literature of the whole century is surveyed, with special
   emphasis upon John Milton and his work.

209. THE ROMANTIC MOVEMENT
   Three hours
   History and characteristics of Romanticism. Emphasis upon
   Wordsworth, Coleridge, Byron, Shelley, and Keats.

301. THE ROMANTIC PERIOD
   Three hours
   Survey of the period with special attention to Tennyson, Browning,
   Matthew Arnold, Clough, and Swinburne.

302. CONTEMPORARY LITERATURE OF ENGLAND
   Two or three hours
   Fiction from 1899 to the present day. The work is related to
   continental fiction. Open to Seniors.

303. CONTEMPORARY LITERATURE OF ENGLAND
   Two or three hours
   Drama and poetry since 1899 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. Offered in
   1937-38 if sufficient demand for it.

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 included.
   Not offered in 1937-38.

312. THE NOVEL
   Three hours
   A survey of the English novel from the beginning to Meredith.

320w. TEACHERS' COURSE
   One, two, or three hours
   Review of grammar and rhetoric, and a study of the methods of
   teaching English in secondary schools. Prerequisite: at least
   seven of the courses offered in this department.
301. THE ROMANTIC PERIOD

302. REALISM
Three hours
History of German literature since the middle of the nineteenth century. Colloquial reading and reports. Prerequisite: 202.

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 Schnitzler and their assigned readings and reports. Prerequisites: 202 and 208.

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. Assigned readings 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 205.

307. SCIENTIFIC GERMAN
One hour
Students wishing to take this course should confer with the professor in charge at the opening of the school year.

308. 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
Continuation of 101. Completion of the text and the reading of the first book of Xenophon's Anabasis, or its equivalent.

102. BEGINNERS' GREEK
Four hours
Selections from the Anabasis. Prerequisite: 101-102.

201. XENOPOD
Three hours
Text: Xenophon. Selections from Xenophon's Ilissus.

301. PLATO
The Apology, Crito, and Phaedo are read.

302. PLATO
The Republic is read.

513. NEW TESTAMENT GREEK
The Gospel according to Mark is read. Prerequisite: 101-102.

514. NEW TESTAMENT GREEK
Study is made of some of the Pauline epistles. Prerequisite: 101, 102, and 212.

513. 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.

516. 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 readings. Pre-supposes 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 present. Lectures, readings, and reports. Prerequisites: 101 and 102. For Sophomores and Juniors. Given in 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 1660
Three hours
An outline of the political and constitutional history of England. Prerequisite: 101 and 102. For Sophomore and Junior year.

204. ENGLISH HISTORY SINCE 1660
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 and 1937-38.

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.

523. THE EARLY MIDDLE AGES (400-1000)
Three hours
See page 37.

324. FIRST RENAISSANCE (1000-1400)
Three hours
See page 37.

325. SECOND RENAISSANCE AND REFORMATION (1400-1668)
Three hours
See page 37.

326. THIRD RENAISSANCE AND REVOLUTION (1568-1816)
Three hours
See page 37.

330. TEACHERS' COURSES
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 hours of work in this department beyond the two units required for admission, and must include Courses 290, 327, 330w.

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 and 302. Those who wish to obtain an additional five units of Latin beyond the ten semester hours may be awarded for the requirement by three semester hours for each year taken in the high school beyond the two units.

101-102. Elementary Latin

This course covers one unit of Latin at 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 105-108.

103-104. Second Year Latin

The equivalent of four books of Caesar’s Gallic Wars is read. Equivalent to one unit of Latin for admission.

105. Roman Grammar

Calculus orations of Cicero and Latin prose composition. This course is offered for those students who present two units of Latin for admission.

202. Poetry

Parts of Books I to VI of Vergil’s Aeneid. Translation and interpretation, metrical reading, and studies in Roman mythology.

300. Poetry

Selections from the various works of Ovid. Study of Latin prose and early Latin mythology. Students are given the privilege to select this course or 306 Horace.

301. Philosopher’s Treasures

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

303. Roman Historians

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

305. Roman Comedy


306. Horace: Odes and Epodes

See note under 300.

406. Christian and Medieval Latin Literature

This course comprises several Christian Latin hymns, parts of Augustine’s Confessions, and selections from works of Latin prose and poetry from the fifth century to the Renaissance.

A08. Augustan Latin

This course comprises selections taken from Livy, Ovid, Caesar, Sallust, Vergil, Cicero, Horace.

Mathematics

320. Roman Culture

Three or two hours

This course is required of all students who expect to teach Latin, and is open to students who have had at least two units of high school Latin. In this course such subjects as those will be studied: travel and correspondence; Rome, the Imperial City; the family and the position of women; children and education; religion and philosophy. 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 329w may be offered as a three-hour methods course in the department of Education. Same as Education 249.

330w. 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

Pre-requisite: 101 and plane geometry.

103. College Algebra

Pre-requisite: 101.

104. Plane Trigonometry

Pre-requisite: 101.

201. Plane Analytic Geometry

Pre-requisite: 103 and 104.

202. Continuation of 201

Plane analytic geometry completed and introduction to solid analytic geometry.

301. Differential Calculus

Pre-requisite: 201 and 202.

302. Integral Calculus

Integral calculus and introduction to differential equations.

303. Differential Equations

Pre-requisite: 201 and 202.

304. Theory of Equations

Pre-requisite: 103, 201, and 202.

307. Solid Analytic Geometry

Pre-requisite: 201 and 202.

308. Statistics

Three hours

Emphasis on statistical methods. Prerequisite: 101 and 104; 103 is highly desirable.

309. Astronomy—Descriptive

Three hours

A study of the solar system and the sidereal universe.

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
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.

222. MUSIC METHODS
Two hours
Methods of teaching elementary school music. Teaching of note 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 work included. The writing and analysis of hymn tunes and a study of their chords. Primary triads, dominant seventh.

234. 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. A CAPPELLA CHOIR
Half hour
Representative works in the field of choral literature are studied and a limited number of selections prepared for concert performance. Open only to those who meet the demands of voice and musicianship.

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 1937-38.

212. CONTINUATION OF 211
Three hours
208-304. 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.

303. BIOLOGICAL PROBLEMS

Three hours

History of biology, the nature of the individual, variation of organisms, evidence for evolution, and organic teleology. Lectures, assigned readings, recitations, and reports. Prerequisite: 101.

209-308. 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 209.

209. 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 109.

230E. TEACHING OF BIOLOGY

One hour

The point of view, contents, and methods of teaching secondary school botany, zoology, and human physiology and hygiene. Prerequisite: 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. 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: ANCIENT OR GREEK

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. Prerequisite: 203.

301. HISTORY OF PHILOSOPHY: MEDIEVAL

Three hours

Continuation of 204. Special attention is given to the effect of Christianity on philosophy. Lectures, readings, and papers. Prerequisite: 203 and 204.

302. HISTORY OF PHILOSOPHY: MODERN

Three hours

Continuation of 301. An attempt is made to analyze and appreciate the problems raised and contributions made from the Renaissance through the eighteenth century; attention is focused on the development of idealism and the recent realistic reaction. Lectures, text, and 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. Paper. Prerequisite: 302.

304. METAPHYSICS

Three hours

This course usually follows 303; 302 is a prerequisite. Emphasis is laid on the value of science, morality, and religion for the construction of a metaphysics. Lectures, readings, and papers.

Physics

201. GENERAL PHYSICS

Four hours

Mechanics, sound, and heat. Prerequisite: Preparatory course in mathematics. Three recitations and one two-to-three-hour laboratory period a week. Laboratory fee, $3.00.

202. GENERAL PHYSICS

Four hours

Electricity and light. Continuation of 201. Three recitations and one two-to-three-hour laboratory period a week. Laboratory fee, $3.00.

201E. GENERAL PHYSICS

Five hours

Mechanics, sound, and heat. (Required of all engineering students.) At least half the semester is devoted to elementary mechanics; the remainder of the time to sound and heat. Many experimental illustrations. Four recitations, and one two-to-three-hour laboratory period a week. Prerequisite: plane trigonometry and a preparatory course in physics. Laboratory fee, $3.00.

202E. GENERAL PHYSICS

Five hours

Electricity and light. (Required of all engineering students.) A continuation of 201E. It takes up the fundamental phenomena and laws of electricity and light with ample class illustrations. Four recitations, and one two-to-three-hour laboratory period a week. Laboratory fee, $3.00.

203. PHYSICS PROBLEM COURSE

One hour

Should be preceded by or accompany 201 or 201E. This course consists of the solution and discussion of problems in mechanics, sound, and heat. One recitation a week.

204. PHYSICS PROBLEM COURSE

One hour

Should be preceded by or accompany 202 or 202E. Consists of exercises in magnetism, electricity, and light. One recitation a week.

Political Science

301. INTRODUCTION TO POLITICAL SCIENCE

Three hours

302. INTRODUCTION TO POLITICAL SCIENCE
Three hours
Composition of 301, which is prerequisite.

303. AMERICAN CONSTITUTIONAL LAW
Three hours
Practical application of Federal and state constitutions. Relations of government to the business and social interests of the people. Interpretation of the constitution by the various departments of the government. Given in 1937-38.

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 291, 292, 312, Philosophy 291.

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 final that is, in the broadman debating contest and as substitutes in the intercollegiate contest.

101. STORY TELLING
Two hours
Throughout the course the major emphasis will fall on practice in story telling in view of elementary school needs. Not taught during 1937-38.

103. SPEECH-MAKING
Two hours
The writing and delivery of short original speeches and orations to develop a direct, forceful, conversational style.

104. SPEECH-MAKING
Two hours
Continuation of 103, together with a study of speech form and speech qualities.

201. INTERPRETATIVE READING
One hour

202. INTERPRETATIVE READING
One hour
Continuation of 201.

203. GREAT ORATORS
One hour
Study of great English orators. Declaimations and topical speeches.

204. GREAT ORATORS
One hour
Study of great American orators. Declaimations and topical speeches.

301. ADVANCED SPEECH COMPOSITION
Two hours
A study of the psychological techniques involved in effective speech composition. Speeches and orations intended for seniors of the pre-Seminar course.

302. INTERCOLLEGIATE EXTENSOPE SPEAKING
One hour

303. INTERCOLLEGIATE PRACTICE ORATORY
One hour

307. INTERCOLLEGIATE ORATORY (M. L. S. L.)
One hour

Sociology
See Economics and Sociology

REGISTER OF STUDENTS

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barker, Catherine Louisa</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Beckman, Harriet</td>
<td>Grand Haven</td>
</tr>
<tr>
<td>Blockman, Douglas Dewey</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Boegh, Everett Basilius</td>
<td>Pella, Iowa</td>
</tr>
<tr>
<td>Boorman, Florence Gerald</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Bosma, James P.</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Boorse, Margaret Christian</td>
<td>South Holland, Illinois</td>
</tr>
<tr>
<td>Broene, Richard George</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Byman, Bertell</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Cooper, John Kenneth</td>
<td>Muskegon</td>
</tr>
<tr>
<td>Dean, James</td>
<td>Grand Haven</td>
</tr>
<tr>
<td>Deckinga, Jennie</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Dekker, Annette Hilda</td>
<td>Ada</td>
</tr>
<tr>
<td>Dekker, Marian Jean</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Dekker, E. Sylvia</td>
<td>Ada</td>
</tr>
<tr>
<td>De Kuster, Lester</td>
<td>Zeland</td>
</tr>
<tr>
<td>De Vries, Henry</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>De Vries, Kathryn Frances</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Derrck, Robert Peter</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Dornbos, Marjorie Lois</td>
<td>Grand Haven</td>
</tr>
<tr>
<td>Erkelman, Neills Anne</td>
<td>Oak Harbor, Washington</td>
</tr>
<tr>
<td>Elysenfeld, Wilma Louise</td>
<td>Muskegon</td>
</tr>
<tr>
<td>Elring, Tenia</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Ettling, Arthur Thomas</td>
<td>Paterson, New Jersey</td>
</tr>
<tr>
<td>Ericksen, Harold</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Evans, Donald R.</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Groenesteeck, Beth Cornelia</td>
<td>Wyoming Park</td>
</tr>
<tr>
<td>Groenewald, John Henry</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Harkema, James</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Herpin, Johann</td>
<td>Zeland</td>
</tr>
<tr>
<td>Hetzdieck, Wilma Gerald</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hickman, Fred C.</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hickman, Gabriel David</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hillman, Grace Lois</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Honra, Henry E.</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Holzclaw, John Henry</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>King, Marian Grace</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Kline, Gerrit John</td>
<td>Lucas</td>
</tr>
<tr>
<td>Lemberger, Egbert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Munnham, Carroll Lambert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Peura, Frances Ruth</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Postema, George</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Ripina, Gerrit</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Riese, Robert</td>
<td>Grand Haven</td>
</tr>
<tr>
<td>Rue, Aleta Johanna</td>
<td>Byron Center</td>
</tr>
<tr>
<td>Rynne, John Alfred</td>
<td>Lodi, New Jersey</td>
</tr>
<tr>
<td>Schiebrot, Joe</td>
<td>Orange City, Iowa</td>
</tr>
<tr>
<td>Smith, Midred Irene</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Stone, Marle Anne</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Stokhouwer, Miriam Elizabeth</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Stiward, Earl</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Name</td>
<td>ADDRESS</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Baker, Chalina</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Baker, Marjorie</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Battez, Gerald</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Bean, Everett</td>
<td>West Haven, Connecticut</td>
</tr>
<tr>
<td>Bell, Tennyson</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Berner, Harry</td>
<td>Holland</td>
</tr>
<tr>
<td>Boer, Lois</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Boerwich, James</td>
<td>Cleveland, Ohio</td>
</tr>
<tr>
<td>Bos, Jacob</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Botting, John</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Bousa, Grace H.</td>
<td>Gallup, New Mexico</td>
</tr>
<tr>
<td>Boweman, Frederick</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Breakman, Marie</td>
<td>Coral, South Dakota</td>
</tr>
<tr>
<td>Brink, Mildred</td>
<td>Cleveland, Ohio</td>
</tr>
<tr>
<td>Brink, William</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Brower, Jack</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Cardwell, Douglas</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Chesterhouse, Willy</td>
<td>Jenison</td>
</tr>
<tr>
<td>De Jong, Corinna</td>
<td>Rochester, New York</td>
</tr>
<tr>
<td>Dekker, Harold</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Dierkes, Thelma</td>
<td>Boyden, Iowa</td>
</tr>
<tr>
<td>Dolfin, Frances</td>
<td>Chautaugua, New York</td>
</tr>
<tr>
<td>Draves, Evelyn</td>
<td>Marine City</td>
</tr>
<tr>
<td>Dunn, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Edson, James</td>
<td>Paterson, New Jersey</td>
</tr>
<tr>
<td>Elderfield, Samuel</td>
<td>Muskegon</td>
</tr>
<tr>
<td>Elberidge, Daniel</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Evans, Egerton</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Fick, Virginia</td>
<td>Byron Center</td>
</tr>
<tr>
<td>Goldholt, Stewart</td>
<td>Denver, Colorado</td>
</tr>
<tr>
<td>Goldsward, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Graves, Harold</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Ham, John Benjamin</td>
<td>Denver, Colorado</td>
</tr>
<tr>
<td>Hendricka, Roger</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Henstra, William</td>
<td>Clifton, New Jersey</td>
</tr>
<tr>
<td>Hoekstra, Richard</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hoogevan, Harold</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hoogstraat, Arthur</td>
<td>Morristown, Pennsylvania</td>
</tr>
<tr>
<td>Hoven, Morris</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Jenson, Olive</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Jurgens, Roy</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Kimball, Bruce</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Konyndyk, Lambert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Kramer, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Kuper, James</td>
<td>Grand Rapids</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kupers, Nelly Louise</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Leoski, Elizabeth</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Murden, Helen</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Nettam, Julius</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Michemetschnitzen, Marian</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Michemetschnitzen, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Mulder, Donald</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Mulder, John</td>
<td>Noblesford, Alberta, Canada</td>
</tr>
<tr>
<td>Mulder, Martha</td>
<td>Noblesford, Alberta, Canada</td>
</tr>
<tr>
<td>Nett, Frederick Ludwig</td>
<td>Paterson, New Jersey</td>
</tr>
<tr>
<td>Oens, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Paterek, Harold</td>
<td>Byron Center</td>
</tr>
<tr>
<td>Prince, Hatice</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Pylman, Jay Louis</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Raynoult, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Ruedofs, Elycey</td>
<td>Hull, Iowa</td>
</tr>
<tr>
<td>Ruedofs, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Ruedofs, Robert Tony</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Ruedofs, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Simerlch, John R.</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Smit, William</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Stegutte, J. Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Steen, Eleanor</td>
<td>Paterson, New Jersey</td>
</tr>
<tr>
<td>Temple, Jean Gertrude</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Ten Hoor, Henry</td>
<td>Holland</td>
</tr>
<tr>
<td>Van Andel, John</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Vanden Berg, Albert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Vander Ark, Gertrude</td>
<td>Manhattan, Montana</td>
</tr>
<tr>
<td>Vangerlin, Elgie</td>
<td>Whittier, Massachusetts</td>
</tr>
<tr>
<td>Vanden Haak, William</td>
<td>Holland, Minnesota</td>
</tr>
<tr>
<td>Vanden Riet, Garrett</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Vanden Meer, Diemer</td>
<td>Holland</td>
</tr>
<tr>
<td>Vanden Pol, Peter</td>
<td>Mariron</td>
</tr>
<tr>
<td>Van Haar, Eddy</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Van Heest, Katharina</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Van Uytsen, Catharina</td>
<td>Grand Haven</td>
</tr>
<tr>
<td>Van Sool, Cornelia</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Veenstra, Norman</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Vollman, Frederick</td>
<td>Holland</td>
</tr>
<tr>
<td>Vormooren, Martin</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Vos, M. Barrett</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Waite, Claire</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Westerheer, Anna</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Whitney, Raymond</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Wieseman, Alice</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Woodford, George</td>
<td>Grand Rapids</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aldrich, Jacob</td>
<td>Zeeland</td>
</tr>
<tr>
<td>Allena, Melvin</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Bank, Henry Peter</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Beckman, Peter Gerard</td>
<td>Holland</td>
</tr>
<tr>
<td>Boerwinkle, Gertrude</td>
<td>Cleveland, Ohio</td>
</tr>
<tr>
<td>Boer, Donald</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Bergman, Julius</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Bees, Henry C.</td>
<td>Chicago, Illinois</td>
</tr>
</tbody>
</table>
Bossebroek, Gertrude ........................................ Waupun, Wisconsin
Bossebroek, Harold .......................................... Waupun, Wisconsin
Bouwens, Bernice ........................................... Zeeland
Bouwman, Dorothy Ann ...................................... Grand Rapids
Bradfield, John H. ........................................... Grand Rapids
Buss, C. Oliver ................................................ Holland, Iowa
Cooper, Peter Shirley ...................................... Whittensville, Mass.
Daehoul, Jacoba ............................................. Grand Rapids
Decker, George ................................................ Chicago, Illinois
De Grooth, Adrian ........................................... Holland
De Jong, George Andrew .................................. Chicago, Illinois
Dekker, Ahren Milo ......................................... Grand Rapids
De Korte, Myron ............................................. Wellburg, Iowa
De Young, Wesley Richard ................................ Evergreen Park, Illinois
Depholz, Reuel Peter ...................................... Goshen, Indiana
Driessen, Robert James ................................... Grand Rapids
Dunbar, William ............................................. Grand Rapids
Eppenga, Jacob Dirk ......................................... Detroit
Esco, Henry ................................................... Cleveland, Ohio
Ettinga, Byron Carl ......................................... Grand Rapids
Fallkens, John ................................................ Paterson, New Jersey
Goudswaard, Marjorie ...................................... Grand Rapids
Grafvold, William Ralph ................................... Grand Rapids
Gunnink, Katie ................................................ Chandler, Minnesota
Hahn, Bernard John ......................................... Grand Rapids
Hartger, Harold William ................................... Jenison
Heckman, Louis R ............................................. Grand Rapids
Heidema, Jeanette Evlyn ................................... Grand Rapids
Hoffman, Walter ............................................. Grand Rapids
Holstra, Peter Charles ..................................... Paterson, New Jersey
Holst, Merle James .......................................... Grand Rapids
Hoogerland, Andrew William .............................. North Park
Hoogsteden, Helen Mae ................................... Grand Rapids
Hulsing, William ............................................. Grand Rapids
Iserhofs, John Bernard .................................... Grand Rapids
Iedema, William Wren ...................................... Grand Rapids
King, Harold John ........................................... Grand Rapids
Kootenia, Martin Clinton ................................... Midland Park, New Jersey
Kruimhaar, John Henry .................................... Grand Rapids
Kuijpers, George Albertus ................................. Grand Rapids
Lasky, Donald Marvin ...................................... Holland
McGrath, Charlotte ......................................... McLean
Marrion, Edna Jeanne ...................................... Grand Rapids
Mulder, John Jr ............................................. Grand Haven
Oom, Betty Jean ............................................. Grand Rapids
Oppenheim, Hassel .......................................... Chubbuck, New Mexico
Ouwenga, Paul ................................................ Marlton
Putnam, Henry .................................................. Holland
Posthuma, Millard ........................................... Grand Rapids
Ridder, Peter .................................................. Grand Rapids
Roddenhoeve, Louis ........................................ Grand Rapids
Rottembaer, Walter Cornelius ............................. Grand Rapids
Schiebert, Herrie Gerrit .................................. Orange City, Iowa
Sever, Francine .............................................. Grand Rapids
Sevene, Eugene Stuart .................................... Grand Rapids
Simmons, William ........................................... Grand Rapids
Shuis, Elizabeth Marie ..................................... Chicago, Illinois
Shuyer, Richard Myron ..................................... Grand Rapids
Smith, Albert Paul .......................................... Middletown Park, New Jersey

REGISTER OF STUDENTS

Smith, Martha ............................................... Glen Rock, New Jersey
Streeter, Wilma ............................................. Cleveland, Ohio
Stait, R. Kenneth ............................................ Grand Rapids
Stynta, Frances Martha ..................................... Chicago, Illinois
Timmer, John Henry ........................................ Grand Rapids
Titmus, Albert ................................................ Akron, Ohio
Van Andel, Devereau Anne ................................ Grand Rapids
Van Beeck, Everdean Gertrude ............................. Mankato, Iowa
Van Dellen, Doris ........................................... Grand Rapids
Van Denburg, Henrietta Frances ......................... Grand Rapids
Van Helden, Anthony ....................................... Grand Rapids
Van Nagle, Peter ............................................ Grand Rapids
Van Veenen, Carl John ..................................... Grand Rapids
Vant Hoff, Gertrude ......................................... Paterson, New Jersey
Van Zoell, Nelie ............................................. Grand Rapids
Venema, John M ............................................. Hoopes, Iowa
Venema, Wilhemina ......................................... Grand Rapids
Westman, Frederick John ................................. Marion
Winter, Celia Jean .......................................... Muskegon
Yonkman, Robert George .................................. Grand Rapids

Freshmen

Allen, Virginia Marie ...................................... Grand Rapids
Auwars, Joseph T ............................................. Grand Rapids
Beijma, Henry ................................................ Grand Rapids
Baker, Arthur Gerald ....................................... Grand Rapids
Baker, Jay ...................................................... Grand Rapids
Bergman, Henrietta ......................................... Holland
Bergman, Herman ............................................. Grand Rapids
Beijma, Henry ................................................ Paterson, New Jersey
Boerema, Don Eugene ...................................... Grand Rapids
Boerema, Albert John ...................................... Brookline
Boerema, Albert John ...................................... Mankato, Iowa
Boreman, John Henry ...................................... Edgerton, Minnesota
Bouma, Mary Ellyn .......................................... Grand Rapids
Bouman, Mary Ellyn .......................................... Grand Rapids
Broadus, Clairene .......................................... Harvey, Illinois
Bracht, Marvin ............................................... Grand Rapids
Brink, Viola Lucille ......................................... Edgerton, Minnesota
Brouns, Guenavera Marie ................................. Grand Rapids
Brooker, Tony .................................................. Chicago, Illinois
Brookins, Betty Esther .................................... Grand Rapids
Brookins, Guenavera Marie ............................... Grand Rapids
Bruikema, Henry ............................................. Cicero, Illinois
Bush, Agnes .................................................... Grand Rapids
Busur, Gordon .................................................. Holland
Butens, Dorothy ............................................. Grand Rapids
Compass, Peter ............................................... Grand Rapids
Craig, Robert John .......................................... Grand Rapids
De Bruin, Marie ............................................. Roch Valley, Iowa
De Graaff, Henry ............................................. Lake Geneva, Wisconsin
De Grooth, Gertrude ........................................ Volga, South Dakota
De Haan, Clarence .......................................... De Motte, Indiana
De Haan, June .................................................. Grand Rapids
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>De Haan, Nelson</td>
<td>Wyoming Park</td>
</tr>
<tr>
<td>De Jonge, Antoinette</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>De Kraker, Andrew</td>
<td>Dorr</td>
</tr>
<tr>
<td>De Kruter, Carol Catherine</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>De Vries, George</td>
<td>Grand Island</td>
</tr>
<tr>
<td>De Vries, Peter Joseph</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Dirkse, Adelyn Anita</td>
<td>Holland</td>
</tr>
<tr>
<td>Deezema, Cornelius</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Deezema, Edward</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Deuss, Andrew</td>
<td>Freistadt, Wisconsin</td>
</tr>
<tr>
<td>Erdmann, Use</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Eldredkamp, Nancy</td>
<td>Evergreen Park, Illinois</td>
</tr>
<tr>
<td>Feenstra, Ernest</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Glaube, Jean</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Greene, Todd</td>
<td>Holland</td>
</tr>
<tr>
<td>Greenway, Betty</td>
<td>Holland</td>
</tr>
<tr>
<td>Groesendy, Richard</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hansen, Jack Edward</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Heerema, Elizabeth Francis</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Holman, Harry</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hendrickson, Lawrence John</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hoven, William</td>
<td>Orange City, Iowa</td>
</tr>
<tr>
<td>Ilkka, Clarence</td>
<td>Harris, Iowa</td>
</tr>
<tr>
<td>Hoekman, Lawrence John</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Homan, Henry L.</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hoogewind, John A.</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Ibershof, Louise Agnes</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Jenema, Peter J.</td>
<td>Palomar, Iowa</td>
</tr>
<tr>
<td>Jenema, Sylvia Sue</td>
<td>Palos Park</td>
</tr>
<tr>
<td>Jurgens, Ruth Edna</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Kaasra, Katherine</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Kammerman, Angel</td>
<td>Holland</td>
</tr>
<tr>
<td>Kament, Ralph William</td>
<td>Shelby</td>
</tr>
<tr>
<td>Kilgore, Tillie William</td>
<td>Clinton, Iowa</td>
</tr>
<tr>
<td>Klein, Jean Mildred</td>
<td>Grand Haven</td>
</tr>
<tr>
<td>Klee, Mary Louise</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Klomp, Gerarda Marian</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Kroon, Philip Cornelius</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Kujer, Janet Ruth</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Kuipers, Adrian C.</td>
<td>Hoopla, Iowa</td>
</tr>
<tr>
<td>Lamberts, Gordon</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Leonard, Salvina</td>
<td>Muskegon</td>
</tr>
<tr>
<td>Leestad, Vincent Charles</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Malony, Stella Althea</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Lessen, Bernard</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Mindebroth, Doris Eileen</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Moreland, John</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Molenaar, Winifred Betsy</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Mustoe, Dolby Beth</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Muysken, Cecilia Mildred</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Oltersdorff, Edward Harold</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Oltersdorff, Conrad Arthur</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Ouda, Hilma</td>
<td>Full, Iowa</td>
</tr>
<tr>
<td>Pennings, Adrian John</td>
<td>Ada</td>
</tr>
<tr>
<td>Persson, John R.</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Pettersson, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Petterson, Rosema</td>
<td>Hudsonville</td>
</tr>
<tr>
<td>Rads, Lenore Mathilda</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Ringelberg, Ruth Doris</td>
<td>Grand Haven</td>
</tr>
<tr>
<td>Roeloofs, Cora Helen</td>
<td>Grand Rapids</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roeloofs, Edgar John</td>
<td>Renville, Minnesota</td>
</tr>
<tr>
<td>Rottman, Benjamin</td>
<td>Pinemont</td>
</tr>
<tr>
<td>Rus, Evelyn Jeanne</td>
<td>Byron Center</td>
</tr>
<tr>
<td>Scholten, Alfred Louis</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Scholten, John Douglas</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Schultze, Dorothy Edith</td>
<td>Oak Park, Illinois</td>
</tr>
<tr>
<td>Schultze, Henriette Dorothy</td>
<td>Oak Park, Illinois</td>
</tr>
<tr>
<td>Shepherd, Douglas Chase</td>
<td>Hanover, Connecticut</td>
</tr>
<tr>
<td>Smith, Lambert Peters</td>
<td>Midland Park, New Jersey</td>
</tr>
<tr>
<td>Stub, Lois Jane</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Strooker, Marian Jean</td>
<td>Grant</td>
</tr>
<tr>
<td>Strikwerda, Alfred Charles</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Struck, William A.</td>
<td>Paterson, New Jersey</td>
</tr>
<tr>
<td>Tumainga, Samuel William</td>
<td>Denver, Colorado</td>
</tr>
<tr>
<td>Tungenberg, Jane Kathryn</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Thielich, Donna Althea</td>
<td>Holland</td>
</tr>
<tr>
<td>Torres, Karl Manfred</td>
<td>Grandville</td>
</tr>
<tr>
<td>Trapp, Gertrude Evelyn</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Trumstra, Doris</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Van Beck, Donald Arthur</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Van Deelen, Marguerite Florence</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Van Delts, Ruth Helen</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Van Derme, Jacob Clarence</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Van Eerden, Abe Henry</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Van Eerden, Helen Elizabeth</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Van Halsema, Janes Kathryn</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Van Harn, Anthony John</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Van Herp, Nellie Wilma</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Van Koot, John Morris</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Veenestra, May</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Veenestra, May</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Voss, Agnes</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Waalhuis, Jean Mas</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Waalhuis, Marien Cathilda</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Weberz, John William</td>
<td>Baldwin, Wisconsin</td>
</tr>
<tr>
<td>Welshciner, John Daniel</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Wiersenga, Lambert William</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Willmschutt, Ralph</td>
<td>Zeeland</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unclassified</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berghuis, Melvin</td>
<td>Clara City, Minnesota</td>
</tr>
<tr>
<td>Cassady, Mrs. Dorothy</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Conger, Helen Eugenia</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Hendrikaas, William</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Irwin, Charlotte</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Lehmusky, Lois</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Massenberg, Edward</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Steven, Robert</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Vandlen Berg, Maran</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Vander Jarz, Fred William</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Vellengers, Agnes</td>
<td>Chicago, Illinois</td>
</tr>
<tr>
<td>Vila, Alice Taylor</td>
<td>Grand Rapids</td>
</tr>
<tr>
<td>Waring, Evangeline</td>
<td>Grand Rapids</td>
</tr>
</tbody>
</table>