

# CALVIN COLLEGE

AN INSTITUTION OF THE  
CHRISTIAN REFORMED CHURCH



YEARBOOK 1936-1937

Academic Record for 1936-1937  
Announcements for 1937-1938

GRAND RAPIDS » « MICHIGAN

## HOW TO ADDRESS CORRESPONDENCE

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

Regarding admission and graduation requirements, address the Dean.

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

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

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

Regarding teaching positions after graduation, address the Placement Bureau.

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

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

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## 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 1-2.....	Re-examinations.
May 20-29.....	Final Examinations.
June 1.....	Commencement.

### Summer Vacation

September 8, 9:00 A. M.....	Enrolment 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.

114  
116  
83  
75  
11  
399

## BOARD OF TRUSTEES

### OFFICERS

The Rev. Y. P. De Jong	.....	President
The Rev. John J. Hiemenga	.....	Vice-President
The Rev. Lambertus J. Lamberts	.....	Secretary
The Rev. Daniel Zwier	.....	Assistant Secretary

### MEMBERS

#### CLASSIS CALIFORNIA

		Term Expires
The Rev. Jacob Bolt	.....	Crown Point, N. Mex. 1938
The Rev. Richard J. Frens	.....	Hanford, Calif. 1940

#### CLASSIS GRAND RAPIDS, EAST

The Rev. William P. Van Wyk	.....	Grand Rapids, Mich. 1938
The Rev. James Bruinooge	.....	Moline, Mich. 1940

#### CLASSIS GRAND RAPIDS, WEST

The Rev. Ymen P. De Jong, Th.D.	.....	Grand Rapids, Mich. 1938
The Rev. Garret Hofmeyer	.....	Grand Rapids, Mich. 1940

#### CLASSIS HACKENSACK

The Rev. John J. Hiemenga	.....	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 Spoelhof	.....	Lodi, N. J. 1940

#### CLASSIS ILLINOIS

The Rev. Peter A. Hoekstra	.....	Cicero, Ill. 1938
The Rev. Martin Van Dyk, Ph. D.	.....	Highland, Ind. 1940

#### CLASSIS MUSKEGON

The Rev. Lambertus J. Lamberts	.....	Fremont, Mich. 1938
The Rev. John Dolfin	.....	Muskegon, Mich. 1940

#### 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 PELLA

The Rev. Paul De Koekkoek	.....	Otley, Iowa 1938
The Rev. Martin Monsma	.....	Pella, Iowa 1940

## BOARD OF TRUSTEES

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### CLASSIS SIOUX CENTER

		Term Expires
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	.....	Oostburg, Wis. 1940

### CLASSIS ZEELAND

The Rev. Ebo J. Krohne	.....	Hudsonville, Mich. 1938
The Rev. William Kok	.....	Zeeland, Mich. 1940

### EXECUTIVE COMMITTEE

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

### COMMITTEE ON FINANCE

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

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

\*Deceased.

## THE FACULTY

- RALPH STOB, PH. D., *President*  
*Professor of the Greek Language and Literature*  
 1301 Calvin Avenue, S. E. Telephone 3-4803
- ALBERTUS J. ROOKS, A. M., *Dean*  
*Professor of the Latin Language and Literature*  
 737 Benjamin Avenue, S. E. Telephone 5-1221
- KLAAS SCHOOLLAND  
*Professor Emeritus of the Greek Language and Literature*  
 854 Worden Street, S. E. Telephone 5-7188
- JACOB G. VAN DEN BOSCH, A. M.  
*Professor of the English Language and Literature*  
 857 Bates Street, S. E. Telephone 5-6054
- ALBERT E. BROENE, A. B.  
*Professor of Modern Languages*  
 1417 Thomas Street, S. E. Telephone 3-3835
- JOHANNES BROENE, A. M.  
*Professor of Education and Psychology*  
 1409 Fisk Street, S. E. Telephone 5-9930
- JOHN P. VAN HAITSMAN, PH. D.  
*Professor of Organic Science*  
 1027 Benjamin Avenue, S. E. Telephone 3-6826
- JAMES NIEUWDORP, B. S.  
*Professor of Mathematics*  
~~900 Benjamin Avenue, S. E.~~ 743 Fuller Telephone 5-3765
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*Professor of the Holland Language and Literature*  
 1231 Giddings Avenue, S. E. Telephone 5-5096
- PETER HOEKSTRA, PH. D., *Secretary*  
*Professor of History and Political Science*  
~~1015 Worden Street, S. E.~~ Telephone 3-4710
- HENRY J. RYSKAMP, PH. D.  
*Professor of Economics and Sociology*  
 1201 Sherman Street, S. E. Telephone 9-3857
- HARRY G. DEKKER, M. S., *Registrar*  
*Professor of Chemistry*  
 1309 Alexander Street, S. E. Telephone 3-4640
- THE REV. H. HENRY MEETER, TH. D.  
*Professor of Bible*  
 1045 Fuller Avenue, S. E. Telephone 5-7692
- HENRY VAN ZYL, PH. D.  
*Professor of Educational Methods*  
 1143 Fuller Avenue, S. E. Telephone 5-6600
- SEYMOUR SWETS, A. M.  
*Professor of Public Speaking and Music*  
 1300 Underwood Avenue, S. E. Telephone 5-1229
- \*LAMBERT J. FLOKSTRA, A. M.  
*Instructor in Education*  
 1126 Alto Avenue, S. E. Telephone 3-7089
- JOHANNA TIMMER, A. M.  
*Dean of Women and Instructor in English*  
 1005 Bates Street, S. E. Telephone 3-8383

\* On leave of absence during the second semester.

- EDWIN Y. MONSMA, PH. D.  
Associate Professor of Biology  
1236 Allerton Avenue, S. E. Telephone 5-9861
- HARRY J. WASSINK, A. B., B. S.  
Instructor in Physics and Engineering  
1046 Toren Court, S. E. Telephone 5-4578
- WILLIAM THOMAS RADIUS, A. M.  
Instructor in Greek  
1129 Bates Street, S. E. Telephone 5-6854
- ALBERT H. MUYSKENS, A. B.  
Instructor in Physical Education  
1235 Hope Street, S. E. Telephone 8-6309
- JESSE DE BOER, A. M.  
Assistant in Philosophy  
R. R. 6 Telephone 3-6816
- MRS. WILLIAM T. RADIUS, A. M.  
Assistant in English  
1129 Bates Street, S. E. Telephone 5-6854
- WILLIAM SPOELHOF, A. M.  
Assistant in History  
832 Sigsbee Street, S. E.
- GEORGE J. VAN WESEP, A. M.  
Assistant in Education  
915 Prince Street, S. E. Telephone 3-6553
- HESSEL KOOISTRA, A. M.  
Assistant in Geography  
3045 Eastern Avenue, S. E. Telephone 5-6058
- JOSEPHINE BAKER, A. B.  
Librarian  
936 Twelfth Street, N. W. Tel. 89210
- W. CLARENCE BEETS, A. B., M. D.  
Medical Examiner  
501 Loraine Building Telephone 8-7082

### Standing Committees of the Faculty

- ATHLETICS, BOARDING PLACES, AND DORMITORY—A. Broene, Meeter, Monsma, and Muyskens.
- SCHOLARSHIP AND DISCIPLINE—Ryskamp, A. Broene, Van Haitsma, and Dekker.
- EDUCATIONAL POLICY AND NORMAL TRAINING—Rooks, J. Broene, Vanden Bosch, Ryskamp, and Dekker.
- RELIGIOUS AND SOCIAL ACTIVITIES—Meeter, Van Aniel, Swets, Miss Timmer, and Radius.
- LIBRARY—Nieuwdorp, J. Broene, Miss Timmer, and Monsma.
- PUBLICATION—Vanden Bosch, Van Haitsma, Radius, and Wassink.
- PLACEMENT BUREAU—Van Zyl, Rooks, Nieuwdorp, and Flokstra.

Henry Zylstra  
355 Diamond Ave. S. E.

## ADMISSION

### Aim

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

### Admission

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

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

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

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

### Freshman Standing

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### Advanced Standing

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

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

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

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

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

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

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

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

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

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

### Unclassified Students

**A** PPLICANTS 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

**A**LL 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

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

### Board and Room with Private Families

**B**OARD in private families will cost from four to eight dollars a week.

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

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

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

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

### Board and Room at Calvin Dormitory

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

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

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

## STUDENT AID

### Scholarships and Prizes

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

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

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

**RHODES SCHOLARSHIP.**—Male students in the junior and senior years may apply for nomination to the Cecil Rhodes Scholarship. This Scholarship, tenable for three years, carries an annual honorarium of at least \$1,500.00 for study at Oxford. Students wishing to compete should consult the Registrar before October 1, 1937.

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

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

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

## PRIZES AND AWARDS

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**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.

**BETHANY, MUSKEGON, MISSION PRIZE.**—Through the courtesy of the Men's Bible Class of the Bethany Church at Muskegon, a first prize of thirty dollars (\$30.00) and a second prize of twenty dollars (\$20.00) is offered annually for the two best essays on some missionary subject. Competition for these prizes is open not only to the college students, but also to those of the seminary. Essays must be handed in either to the college president or to Professor Volbeda, who are also ready to give further information regarding the conditions governing the awarding of this prize.

**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.

**BROODMAN DEBATING TROPHY.**—All students are eligible for intramural debating in competition for the silver cup awarded by Dr. G. J. Broodman. The names of the three winners are inscribed on this cup. Calvin as a member of the Michigan Debating League, each year puts into the field two teams to meet other colleges. The intercollegiate debaters are chosen by faculty judges from those who participate in the intramural debates.

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

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

### 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

**I**N 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

**T**HE 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

**E**VERY 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:

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

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

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

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.

### Dismission

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

## REQUIREMENTS FOR GRADUATION

**T**HE 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:

Bible 101, 102, 201, 202, 301	10 hours
English 103, 104	6 hours
French or German	14 hours
History	6 hours
Philosophy (not including Psychology or Logic)	6 hours
Natural Science	10 hours
Latin 10 hours or Greek 14 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 either French or German must be taken in college.

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

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

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

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

6. STATE TEACHERS' LIFE CERTIFICATE. To be eligible for recommendation for a State Teachers' Life Certificate the student must on graduation have to his credit a total of 125 hours. 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:

Bible 201, 202, 301, 302..	8 hours	Dutch History .....	3 hours
Dutch .....	18 hours	Latin .....	10 hours
Education 301 .....	3 hours	Organic Science .....	6 hours
English .....	12 hours	Philosophy (including	
German 202 .....	3 hours	Psychology and	
Greek .....	20 hours	Logic) .....	12 hours
New Testament Greek ..	4 hours	Public Speaking .....	6 hours
History .....	6 hours	Sociology .....	6 hours

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

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

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

### Education

1. **AMOUNT OF WORK.** 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 309; 301 or 314 or 315 or 317; a method course (see below); and 343 .....
- (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 subjects or subject fields taught in elementary grades.

These centers of study may be chosen from the following subjects and subject fields:

Chemistry	German	History	Religious
Economics-	History	History-Politi-	Education
Sociology	Latin	cal Science	Sociology
Economics	Mathematics	Philosophy	Science
English	Music	Physics	(Organic)
French			

(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

b. Calvin College requirements:

- (1) Bible .....
- (2) English .....
- (3) History .....
- (4) Foreign language .....
- (5) Natural Science .....

c. Prospective teachers in elementary grades must include:

- (1) Art 227 (no credit in sem. hours), and 301..... 3 hours
- (2) Economics 101, or Geog. (N.A.), or Geog. (S.A.)... 2 or 3 hours
- (3) Education 220, 320, 321, 322, 324 or 222, 341..... 15 hours  
 One of these method courses is included in requirement a. (1) above.
- (4) Music 201 and Speech 101 or 103..... 4 hours

d. Prospective teachers in secondary schools must also take Education 342 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, 330m..... 2 or 3 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

FIRST SEMESTER		SECOND SEMESTER	
Bible 101 .....	2 hours	Chemistry 104 .....	4 hours
Chemistry 103 .....	4 hours	English 104 .....	3 hours
English 103 .....	3 hours	Mathematics 104 .....	3 hours
Organic Science 101.....	4 hours	Organic Science 106 .....	4 hours
History 101 .....	3 hours	History 102 .....	3 hours
	<hr/>		<hr/>
	16 hours		17 hours

#### Sophomore Year

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

#### Junior Year

Bible 301 .....	2 hours	Chemistry 301 .....	2 hours
Chemistry 301 .....	2 hours	English or Elective .....	3 hours
English or Elective .....	3 hours	Organic Science 302 .....	4 hours
Organic Science 305.....	3 hours	Educ. 312 (Abn. Psych.)	
Organic Science 309 .....	3 hours	or Elective .....	3 hours
	<hr/>	Chemistry 304 .....	3 hours
	13 hours		<hr/>
			15 hours

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

Trigonometry presupposes one and one-half units of Algebra.

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

## 3. PRESCRIBED WORK.

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

*Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
Bible 101	2 hours	Bible 102	2 hours
English 103	3 hours	English 104	3 hours
Latin	3 hours	Elective	3 hours
Mathematics or Science	3 hours	Logic	3 hours
Psychology	3 hours	Mathematics or Science	3 hours
Public Speaking	2 hours	Public Speaking	2 hours

*Sophomore Year*

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

*Junior Year*

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

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.

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

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

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

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:

*Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 101 or 103	4 hours	Bible 102	2 hours
English 103	3 hours	Chemistry 102 or 104	4 hours
Mathematics 103	3 hours	English 104	3 hours
Mathematics 201	4 hours	Mathematics 202	4 hours
Drawing 101	3 hours	Drawing 102	3 hours

*Sophomore Year*

Bible 201	2 hours	Bible 202	2 hours
Mathematics 301	5 hours	Mathematics 302	5 hours
Physics 201	5 hours	Physics 202	5 hours
Drawing 201	2 hours	Economics 202	3 hours
Economics 201	3 hours	Statics 302	3 hours

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:

#### Freshman Year

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

#### Sophomore Year

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

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

### Pre-Forestry

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

2. GRADE OF WORK. The student must obtain a total of 94 honor points; i. e., must obtain an average grade of C; except that

\* If not taken in high school.

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

#### Sophomore Year

Bible 201 .....2 hours	Bible 202 .....2 hours
*Economics 201 .....3 hours	*Economics 202 .....3 hours
French or German 101, or	French or German 102, or
Organic Science 201...4 hours	Organic Science 302...4 hours
Mathematics 201 or	*Statistics .....3 hours
Elective .....3 or 4 hours	*Surveying .....2 or 3 hours
Public Speaking 103.....2 hours	

#### Junior Year

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

If the student has had French or German in high school, the number of hours prescribed in the college may be reduced by 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:

FIRST SEMESTER	SECOND SEMESTER
Organic Science 101 .....4 hours	Bible 102 .....2 hours
Chemistry 101 .....4 hours	Organic Science 106 .....4 hours
English 103 .....3 hours	Chemistry (Special) .....1 hour
Public Speaking 103 .....2 hours	Sociology 102 .....3 hours
Intro. Bacteriology .....3 hours	Phil. (Psych.) 201 .....3 hours
16 hours	13 hours
	Nutrition (at Grand Rapids Junior College)....3 hours
	16 hours

## DESCRIPTION OF COURSES

### Art

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

227. PENMANSHIP *Two hours*  
Theory and practice. Freeman system. Blackboard writing also included. No college credit given for this course.
301. INDUSTRIAL ART *Three hours*  
Art education in the elementary school will be treated in the manner of Winslow's *Organization of Teaching Art: A Program for Art Education in the Schools.*
331. FLEMISH PAINTING *Three hours*  
A course in the Flemish and Dutch primitives and Italianizers, followed by a discussion of the Flemish Renaissance painters with emphasis on Rubens and Van Dyck. The course is analytical as well as historical. Lectures, collateral reading, and reports. Not open to Freshmen.
332. DUTCH PAINTING *Three hours*  
A course in Dutch painting from the Renaissance to modern times. The emphasis is placed on the seventeenth century. Lectures, collateral reading, and reports. Not open to Freshmen.  
Prerequisite: 331.

### Bible

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

## Chemistry

101. GENERAL INORGANIC CHEMISTRY *Four hours*  
Three hours in class-room and one laboratory period of four hours per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. Prerequisite: no previous training in chemistry required, but student should have knowledge of physics.
102. GENERAL INORGANIC CHEMISTRY *Four hours*  
Continuation of 101. Hours, texts, and fees the same.
103. GENERAL INORGANIC CHEMISTRY *Four hours*  
Three hours in class-room and one laboratory period of four hours per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. Prerequisite: high school chemistry.
104. GENERAL INORGANIC CHEMISTRY *Four hours*  
Continuation of 103. Hours, texts, and fees the same.
201. QUALITATIVE ANALYSIS *Four hours\**  
Two hours of class-room work, one quiz period, and two laboratory periods of three hours each per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. Prerequisites: 103 and 104, or 101 and 102.
202. ORGANIC CHEMISTRY *Four hours\**  
Two or three hours of class-room work, one quiz period and two laboratory periods of three hours each per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. Prerequisite: general inorganic chemistry.
301. QUANTITATIVE ANALYSIS *Four hours\**  
One hour in the class-room and from eight to ten hours of laboratory work per week. Laboratory fee, \$3.00. Breakage fee, \$5.00. Prerequisite: 201.
302. INORGANIC CHEMISTRY *Two hours*  
A course emphasizing the theories and laws of inorganic chemistry and presenting some of the principles of inorganic physical chemistry. Two hours class-room work. Prerequisites: Chemistry 201, and preferably Physics 201 and 202.
304. ORGANIC CHEMISTRY *Three hours*  
Three lecture hours per week. A continuation of 202, stressing particularly the aromatic compounds. Prerequisites: general inorganic chemistry and 202.
- 330m. TEACHERS' COURSE *One hour*  
Methods of teaching chemistry in secondary schools. Prerequisite: two years of chemistry.

## Dutch

### A. DUTCH LANGUAGE

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

102. ADVANCED GRAMMAR *Three hours*  
Review. Full declensions. Syntax. Required outside reading. In class some Dutch works are read.
201. READING (ELEMENTARY) *Three hours*  
A course in the reading of Dutch folklore and simple literature. Required outside reading. Not given.
202. READING (ADVANCED) *Three hours*  
A course in the reading of simple and more advanced literature. Required outside reading. Oral composition. Not given.
303. FLEMISH RENAISSANCE *Three or four hours*  
History of Flemish and Dutch literature between 1100 and 1600. Required outside reading and essays. Composition. Given in 1936-'37.
304. DUTCH RENAISSANCE *Three or four hours*  
History of Dutch literature between 1600 and 1800. The spirit of Dutch humanism, Calvinism, and rationalism is discussed. Required outside reading and essays. Composition. Given in 1936-'37.
305. DUTCH ROMANTICISM *Three or four hours*  
Special study of Bilderdijk and Da Costa. Required outside reading and essays. Given 1935-'36.
306. MODERN LITERATURE *Three or four hours*  
The modern movements of naturalism, symbolism, and neo-classicism. Required outside reading and essays. Given in 1935-'36.
- NOTE: Courses 101, 102, 303, 304, 305, and 306 and one of the Dutch history courses are required of those who take the pre-Seminary course.

### B. MEDIAEVAL AND DUTCH HISTORY

323. THE EARLY MIDDLE AGES (400-1000) *Three hours*  
The rise of Christianity and the Carolingian Empire and the rise of Mohammedanism are discussed after a short review of Greek and Roman civilization. Special attention is paid to the Netherlands during the Roman and Frankish periods. Given in 1936-'37.
324. FIRST RENAISSANCE (1000-1350) *Three hours*  
The Central Middle Ages: Feudalism; France, Germany, and Italy in the feudal period; Crusades, rise of cities especially in Italy and the Netherlands; rise of guilds and democracy; rise of universities, new monasticism, Gothic art, and Romantic literature; Dante. Given in 1936-'37.
325. SECOND RENAISSANCE AND REFORMATION (1350-1568) *Three hours*  
A short review of the history of the Netherlands up to 1350. The age of unrest. The Christian and the Flemish Renaissance; the Italian Renaissance, and its distribution over Western Europe through the Brethren of the Common Life. The Renaissance spirit. The Reformation and its intensive character in the Netherlands. Given in 1937-'38.
326. THIRD RENAISSANCE AND REVOLUTION (1568-1815) *Three hours*  
The Eighty Years' War. The Dutch Golden Age and its influence on Europe, Dutch commerce and colonization. Wars between the Netherlands and other countries for religious and commercial purposes. The triumph of plutocracy and rationalism in the eighteenth century. The spirit of the French Revolution as manifested in Holland. The rebirth of Calvinism as a political and cultural power after 1815. Given in 1937-'38.

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

## C. DUTCH ART

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

## Economics and Sociology

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

Freshmen intending to major in this department are advised to begin with 101 and 102, introductory to both economics and sociology.

101. (*Economics and Sociology*) HUMAN AND ECONOMIC GEOGRAPHY. *Three hours*  
A study of man's adaptation to and control of his physical environment, with emphasis on the resources of the several economic regions of the world and their effect upon man's habits, industries, trade relations, methods and lines of transportation, and so forth. Intended for those particularly interested in the social sciences and for those specializing in education. A Freshman course.
102. (*Sociology*) INTRODUCTION TO SOCIOLOGY *Three hours*  
An orientation course, including a brief discussion of the principles of sociology and of some of the modern social problems. A Freshman course.
201. PRINCIPLES OF ECONOMICS *Three hours*  
A review of the fundamental principles underlying modern economic life. Not open to Freshmen except by special permission. Students electing 201 are expected to take 202.
202. PRINCIPLES OF ECONOMICS *Three hours*  
A continuation of the principles of economics and an application of the same to current industrial problems and institutions.
203. SOCIOLOGY *Three hours*  
A study of the underlying social relationships with a view to bringing out the essential oneness of the individual and society; including a discussion of the biological and psychological approaches to the study of society, human nature, public opinion, social organization, democracy, etc. Not open to Freshmen, except by special permission.
204. SOCIAL PROBLEMS *Three hours*  
A continuation of 203 with a further application of the principles of sociology to the outstanding social institutions; including a discussion of the more prominent of the present-day social problems.
301. (*Economics*) THE FINANCIAL ORGANIZATION OF SOCIETY *Three hours*  
A study of the nature and functions of money, with a view to the understanding of the complex rôle of currency systems in our national and international life. A detailed study of the functions of banking, the Federal Reserve, private financial institutions, foreign trade, and so forth. Prerequisite: 201 and 202 or their equivalents.

302. (*Economics*) BUSINESS ORGANIZATION AND COMBINATION (Corporation Finance) *Three hours*  
A continuation of 301. The financial promotion of corporations and of trusts; the trust problem. Given in 1937-'38.
303. (*Economics and Sociology*) LABOR PROBLEMS AND TRADE UNIONISM *Three hours*  
The historical background of the modern labor movement, the controversies between capital and labor, and the various solutions offered. A careful study of the history, nature, and problems of trade unionism. Prerequisite: 201 and 202, or 203 and 204.
304. (*Sociology*) THE FAMILY *Two or three hours*  
This course will be adapted to suit the needs of the students. It aims, however, at an intensive study of the history of the family as a social and educational institution, and at a thorough discussion of the divorce problem and other problems connected with modern family life. Prerequisites: 102, 203, and 204, or their equivalents.
309. (*Sociology*) EDUCATIONAL SOCIOLOGY *Three hours*  
This course is offered in the department of Education.
308. (*Economics*) PRINCIPLES OF MARKETING *Three hours*  
A study of the marketing functions, the marketing of particular commodities, the functions and modes of operation of middlemen, associative activities affecting marketing, price policies, etc. Given in 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. Some study is made of hypnosis, 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.

## B. HISTORY

203. HISTORY OF AMERICAN EDUCATION *Three hours*  
In this course the educational development in our country will be viewed in the light of the religious, social, economic, and political changes.
205. GEOGRAPHY OF NORTH AMERICA *Two hours*
206. GEOGRAPHY OF SOUTH AMERICA *Two hours*
305. HISTORY OF EDUCATION *Three hours*  
A survey of the growth of educational theory and practice during the ancient and mediæval periods.
306. HISTORY OF EDUCATION *Three hours*  
A continuation of 305 covering the modern period.
309. EDUCATIONAL SOCIOLOGY *Three hours*  
A study of the social structure and educational practice with emphasis on present-day problems. Accepted by state authorities as equivalent to 203.

## C. PRINCIPLES

301. PRINCIPLES OF EDUCATION *Three hours*  
A study of the aim of education and of the various underlying problems.
313. PRINCIPLES OF SECONDARY EDUCATION *Three hours*  
In this course a survey is given of the secondary school as an institution, its students and its curriculum.
314. PRINCIPLES OF TEACHING IN THE SECONDARY SCHOOLS *Three hours*  
The principles of teaching will be discussed in the light of Morrison's *The Practice of Teaching in the Secondary Schools*. The teaching technique in each of the types of subjects in the curriculum is analyzed.
315. PRINCIPLES OF TEACHING IN THE ELEMENTARY SCHOOLS *Three hours*  
Principles governing the directing of learning of children in the elementary school will be taken up.
317. PRINCIPLES OF KINDERGARTEN-PRIMARY GRADES TEACHING *Two hours*  
The following units will be taken up: a brief history of the kindergarten past and present; the capital of the child in the kindergarten and primary grades; and the content of the curriculum with special emphasis on project teaching.

## D. TECHNICAL COURSES

220. TEACHING ARITHMETIC IN ELEMENTARY SCHOOLS *Three hours*  
Both content and methods in arithmetic throughout the grades will be considered.
307. SCHOOL ADMINISTRATION *Three hours*  
This course aims to discuss the organization and management of state and local school systems.
320. TEACHING BIBLE IN ELEMENTARY SCHOOLS *Two hours*
321. TEACHING GEOGRAPHY IN ELEMENTARY SCHOOLS *Two hours*
322. TEACHING READING IN ELEMENTARY SCHOOLS *Three hours*
324. TEACHING HISTORY *Two hours*  
A brief survey of the history of our country will be fused with a study of the techniques of teaching history in the elementary and junior high grades.

222. TEACHING MUSIC IN THE ELEMENTARY SCHOOLS *Two hours*  
The student will get practice to lead a class in the elementary school in singing as the major part of teaching technique in elementary school music. Demonstration lessons will be observed by the class as a whole.
326. TEACHING ENGLISH IN SECONDARY SCHOOLS *One, two, or three hours*  
Content as well as method receives attention. Same as English 330m. Two hours devoted to content; one to method.
328. TEACHING LATIN *Three hours*  
Same as Latin 327 and 330m combined.
310. EDUCATIONAL MEASUREMENTS *Three hours*  
A survey course of present-day practices of measuring the results of teaching and of mental testing.
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 AND LESSON PLANNING *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.
342. DIRECTED OBSERVATION AND LESSON PLANNING *Three hours*  
This course is like Education 341 and is for students looking for positions in the junior and senior high schools. To be taken the second semester of their junior year.
343. PRACTICE TEACHING *Five hours*  
Course 341 or 342 is a prerequisite. Offered both semesters.
- 330m. THE TEACHING OF LATIN OR ENGLISH, ETC.  
Teachers' courses offered in the various departments are all indicated by the number 330 followed by the letter m. For description see under the department wanted.

## Engineering Drawing and Statics

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

## English

103. FRESHMEN ENGLISH *Three hours*  
This is a basic course required of all Freshmen.
104. FRESHMEN ENGLISH *Three hours*  
This is a continuation of the preceding course. Both 103 and 104 are prerequisites to all other courses in English.
201. AMERICAN LITERATURE *Three hours*  
From the beginning to 1840. A study of the religious, political, social, and artistic background of our national culture.
202. AMERICAN LITERATURE *Three hours*  
The New England group, post-bellum realism, the historical romance, naturalism, and the new poetry.
205. FROM THE BEGINNING TO 1600 *Three hours*  
Emphasis upon Beowulf, the metrical romance, Chaucer, the humanists, and the non-dramatic writers of the Elizabethan age. Not given in 1937-'38.
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.
301. THE ROMANTIC MOVEMENT *Three hours*  
History and characteristics of Romanticism. Emphasis upon Wordsworth, Coleridge, Byron, Shelley, and Keats.
302. THE VICTORIAN PERIOD *Three hours*  
Survey of the period with special attention to Tennyson, Browning, Matthew Arnold, Clough, and Swinburne.
303. CONTEMPORARY LITERATURE OF ENGLAND *Two or three hours*  
Fiction from 1890 to the present day. The work is related to continental fiction. Open to Seniors.
304. CONTEMPORARY LITERATURE OF ENGLAND *Two or three hours*  
Drama and poetry since 1890 are considered in connection with continental movements and the authors representing them. Open to Seniors.
305. PRINCIPLES OF LITERATURE *Three hours*  
Literature: its place in philological encyclopedia and æsthetics, 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 there is 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 excluded. Not offered in 1937-'38.
312. THE NOVEL *Three hours*  
A survey of the English novel from the beginning to Meredith.
- 330m. TEACHERS' COURSE *One, two, or three hours*  
Review of 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.

## French

101. ELEMENTARY FRENCH *Four hours*  
Grammar, pronunciation, composition, dictation, oral drill, and conversation are intended to impart a certain amount of ear-training and ability to understand simple spoken French.
102. CONTINUATION OF 101 *Four hours*  
Text in both courses: Olmsted and Sirich, *A Practical French Grammar*. This is followed by the reading of easy prose.
201. INTERMEDIATE FRENCH *Three hours*  
Reading of about two hundred pages of easy nineteenth century text. Special stress on idiom. Composition based on text read. Prerequisite: 101 and 102.
202. CONTINUATION OF 201 *Three hours*  
Reading of about three hundred pages of modern prose. Composition and thorough review of grammar throughout the year. About six hundred pages of outside reading is required for the year.
301. THE ROMANTIC MOVEMENT *Three hours*  
A history of French literature of the first half of the nineteenth century. Collateral reading and reports. Prerequisite: 101 to 202.
302. NINETEENTH CENTURY — SECOND HALF *Three hours*  
A history of French literature since the middle of the nineteenth century. Collateral reading and reports. Prerequisite: 101 to 202.
303. THE CLASSIC PERIOD *Three hours*  
A study of French literature and culture in the seventeenth century as a background for the more detailed study of the classic authors. One drama is read in class, others are assigned for outside reading. Prerequisite: 202.
304. THE CLASSIC PERIOD *Three hours*  
A continuation of 303, dealing with the later seventeenth century literature, with special attention to Moliere and Racine. A drama of Racine is read in class. A few dramas are assigned for outside reading. Anthology in both courses: Schinz and King's *Seventeenth Century Readings*. Prerequisite: 202 and 303. Courses 303 and 304 are not offered during 1937-'38.
- 330m. METHODS OF TEACHING MODERN FOREIGN LANGUAGES *One hour*  
Intended for prospective teachers of French in secondary schools. Prerequisite: six of the courses offered in this department.

## German

101. ELEMENTARY GERMAN *Four hours*  
Grammar and composition. Text: Vos, *Essentials of German*.
102. CONTINUATION OF 101 *Four hours*  
Study of grammar continued. Reading of at least one hundred pages of modern prose and poetry.
201. INTERMEDIATE GERMAN *Three hours*  
Reading of nineteenth century prose. Review of the more important parts of grammar. Composition and dictation. Prerequisite: 101 and 102.
202. INTERMEDIATE GERMAN CONTINUED *Three hours*  
Intensive study of modern prose and poetry. By stress upon idiom and otherwise, effort is made throughout the year to create *Sprachgefühl*. Outside reading with reports required to the extent of at least eight hundred pages for the year. Prerequisite: 201.

301. **THE ROMANTIC PERIOD** *Three hours*  
A survey of German literature of the first half of the nineteenth century. Collateral reading and reports. Prerequisite: 202.
302. **REALISM** *Three hours*  
History of German literature since the middle of the nineteenth century. Collateral reading and reports. Prerequisite: 202. Courses 301 and 302 are not offered during 1937-'38.
303. **EARLY NINETEENTH CENTURY DRAMA** *Three hours*  
A comprehensive study of the lives and works of leading German dramatists of the early nineteenth century. Assigned readings. Papers on related subjects. Prerequisite: 202.
304. **LATER NINETEENTH CENTURY DRAMA** *Three hours*  
A study of Hauptmann and Sudermann and their times. Assigned readings and reports. Prerequisites: 202 and 303. Courses 303 and 304 are not offered during 1937-'38.
305. **THE CLASSIC PERIOD** *Three hours*  
A general survey of German literature in the eighteenth century as far as Lessing and with special attention to him. A drama of Lessing read in class. Collateral reading and reports. Prerequisite: 202.
306. **THE CLASSIC DRAMA** *Three hours*  
A study of the lives and works of Schiller and Goethe. One or two of their dramas are read. Reports on assigned topics. Prerequisite: 202 and 305.
320. **SCIENTIFIC GERMAN** *One hour*  
Students wishing to take this course should confer with the professor in charge at the opening of the school year.
- 330m. **METHODS OF TEACHING MODERN FOREIGN LANGUAGES** *One hour*  
Intended for prospective teachers of German in secondary schools. Prerequisite: six of the courses offered in this department.

### Greek

101. **BEGINNERS' GREEK** *Four hours*
102. **BEGINNERS' GREEK** *Four hours*  
Continuation of 101. Completion of the text and the reading of the first book of Xenophon's *Anabasis*, or its equivalent.
201. **XENOPHON** *Three hours*  
Selections from the *Anabasis*. Prerequisite: 101-102.
202. **HOMER'S ILIAD** *Three hours*  
Text: Benner, *Selections from Homer's Iliad*.
301. **PLATO** *Three hours*  
The *Apology*, *Crito*, and *Phaedo* are read.
302. **PLATO** *Three hours*  
The *Republic* is read.
313. **NEW TESTAMENT GREEK** *Two hours*  
The Gospel according to Mark is read. Prerequisite: 101-102.
314. **NEW TESTAMENT GREEK** *Two hours*  
Study is made of some of the Pauline epistles. Prerequisite: 101, 102, and 313.
315. **GREEK CULTURE** *Three hours*  
An elective course. No knowledge of Greek is required. The main features of Greek culture are discussed. Not open to Freshmen.
316. **GREEK THOUGHT AND THE NEW TESTAMENT** *Three hours*  
No knowledge of Greek is required. Open to Juniors and Seniors.

### History

101. **EUROPE SINCE 1815** *Three hours*  
The general history of Europe since 1815, with emphasis on such topics as the revolutionary movement in France, the unification of Germany, the rise of socialism. Discussion and assigned reading. Presupposes a high school course in general history.
102. **EUROPE SINCE 1815** *Three hours*  
A continuation of 101, which is prerequisite. Courses 101 and 102 are for Freshmen; open to Sophomores by special arrangement.
201. **EASTERN EUROPE SINCE 1815** *Three hours*  
Russia from 1815 to the near present. Lectures, readings, and reports. Prerequisites: 101 and 102. For Sophomores and Juniors. Given in 1936-'37.
202. **EASTERN EUROPE SINCE 1815** *Three hours*  
The Balkan States, Austria, Hungary, and Czecho-Slovakia. Lectures, readings, and reports. Prerequisites: same as 201.
203. **ENGLISH HISTORY TO 1600** *Three hours*  
An outline of the political and constitutional history of England. Prerequisites: 101 and 102. For Sophomore and Junior year.
204. **ENGLISH HISTORY SINCE 1600** *Three hours*  
Continuation of 203, which is prerequisite.
301. **AMERICAN HISTORY** *Three hours*  
Lectures and readings. Prerequisite: a high school course in American history.
302. **AMERICAN HISTORY** *Three hours*  
Continuation of 301, which is prerequisite. Courses 301 and 302 are open to Juniors and Seniors.
303. **AMERICAN FOREIGN RELATIONS** *Three hours*  
The diplomatic relations of the United States since 1789 with the principal countries of Europe and with China and Japan. Prerequisite: high school course in American history. Given in 1935-'36 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.
323. **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 (1400-1568)** *Three hours*  
See page 37.
326. **THIRD RENAISSANCE AND REVOLUTION (1568-1815)** *Three hours*  
See page 37.
- 330m. **TEACHERS' COURSE**  
Methods of teaching history in secondary schools. Prerequisite: twenty-one to twenty-two hours of history.

## Latin

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

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

101-102. ELEMENTARY LATIN *Four hours first semester*  
This course covers one unit of Latin for entrance to college and is intended for those who have had no Latin in their high school course. No credit is granted for 101-102 unless credit has been earned for 103-104.

103-104. SECOND YEAR LATIN *Four hours second semester*  
The equivalent of four books of Cæsar's *Gallie Wars* is read. Equivalent to one unit of Latin for admission.

105. ROMAN ORATORY *Three hours*  
Catilinarian orations of Cicero and Latin prose composition. This course is offered for those students who present two units of Latin for admission.

202. POETRY *Three hours*  
Parts of Books I to VI of Vergil's *Æneid*. Translation and interpretation, metrical reading, and studies in Roman mythology.

300. POETRY *Two or three hours*  
Selections from the various works of Ovid. Study of Latin prosody and Roman mythology. Students will be given the privilege to select this course or 306 Horace.

301. PHILOSOPHICAL TREATISES *Two or three hours*  
Cicero's *De Senectute* and *De Amicitia*. Papers by the students on assigned subjects.

303. ROMAN HISTORIANS *Two or three hours*  
Livy, Book XXI: the history and the life of Rome during the period of the Punic Wars.

305. ROMAN COMEDY *Two or three hours*  
Terence: *The Adelphi* and *the Andria*. Not offered in 1935-'36.

306. HORACE: *Odes and Epodes* *Two or three hours*  
See note under 300.

308. CHRISTIAN AND MEDIÆVAL LATIN LITERATURE *Two or three hours*  
It comprises several Christian Latin hymns, part of Augustine's *Confessions*, and selections from various writers of Latin prose and poetry from the fifth century to the Renaissance.

310. AUGUSTAN LATIN *Two or three hours*  
This course comprises selections taken from Livy, Ovid, Caesar, Sallust, Vergil, Cicero, Horace.

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 these will be studied: travel and correspondence; Rome, the Imperial City; the family and the position of women; children and education; religion and philosophy, and so forth. Lectures, text-books, assigned readings, term papers. Illustrated with slides.

327. LATIN GRAMMAR AND WRITING *Two hours*  
In this course a thorough review of Latin grammar and syntax will be made, and attention will be given to Latin writing. Parts of Cæsar and Cicero will be carefully studied and reviewed.

This course and 330m may be offered as a three hour methods course in the department of Education. Same as Education 240.

330m. TEACHERS' COURSE *One hour*  
This course is required of all students who expect to teach Latin, and who seek to obtain a State Teachers' Certificate. It is open to such only as have had at least twenty semester hours in addition to two units of high school Latin. In this course study will be made of the problems and methods of teaching secondary Latin.

This course will be offered either the first or second semester to meet the convenience of the students interested.

## Mathematics

101. ALGEBRA *Three hours*  
For those who have had only one year of algebra in high school.

102. SOLID GEOMETRY *Three hours*  
Prerequisite: 101 and plane geometry.

103. COLLEGE ALGEBRA *Three hours*  
Prerequisite: 101.

104. PLANE TRIGONOMETRY *Three hours*  
Prerequisite: 101.

201. PLANE ANALYTIC GEOMETRY *Four hours*  
Prerequisite: 103 and 104.

202. CONTINUATION OF 201 *Four hours*  
Plane analytic geometry completed and introduction to solid analytic geometry.

301. DIFFERENTIAL CALCULUS *Five hours*  
Prerequisite: 201 and 202.

302. INTEGRAL CALCULUS *Five hours*  
Integral calculus and introduction to differential equations.

303. DIFFERENTIAL EQUATIONS *Three hours*  
Prerequisite: 301 and 302.

304. THEORY OF EQUATIONS *Three hours*  
Prerequisite: 103, 201, and 202.

307. SOLID ANALYTIC GEOMETRY *Three hours*  
Prerequisite: 301 and 302.

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 rote songs and simple art songs. Each student has practice in directing the class in singing. Demonstration lessons.
203. HARMONY *Two hours*  
A threefold approach to the elements of harmony through the ear, eye, and hand or keyboard. Written work and class exercises. The writing and analysis of hymn tunes and a study of their chords. Primary triads, dominant seventh.
204. HARMONY (Continuation of 203) *Two hours*  
Secondary triads, dominant seventh, dominant ninth, and their inversions.
205. HISTORY OF MUSIC *Three hours*  
The development of the art of music from the earliest times to the present. Oratorio and church music, the opera, songs, and instrumental music. Biographies of composers. Representative compositions of each main period presented in class. Lectures, collateral reading, term papers, and text-book work.
206. HISTORY OF MUSIC *Three hours*  
Continuation of 205.
- 207-208. A CAPELLA 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 æsthetic 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*

## Organic Science

101. FUNDAMENTALS OF ZOÖLOGY *Four hours*  
The more significant principles of animal biology, such as classification, anatomy, physiology, embryology, heredity, and evolution are studied. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00.
102. HUMAN PHYSIOLOGY *Two hours*  
A study of some vital phenomena occurring in man. Course 101 is a desirable antecedent.
103. PERSONAL HYGIENE *Two hours*  
A study of the proper care of the body and of approved practices for the prevention of disease. Credit for this course will be given only after the satisfactory completion of Course 102.
104. PERSONAL HYGIENE *Two hours*  
A repetition of 103.
105. INTRODUCTORY BACTERIOLOGY *Three hours*  
The history of bacteriology, and the cultural and morphological characteristics of bacteria, yeasts, and molds are considered. Special emphasis is placed on communicable diseases, their causal agents, and the hygienic applications of bacteriology.  
Discussions, quizzes, and demonstrations. This course yields credit only to students of the pre-nursing course.
106. HUMAN ANATOMY AND PHYSIOLOGY *Four hours*  
A general introduction to human embryology, anatomy, histology, and physiology. This course attempts to meet the needs of students of physical education, and of pre-medical, pre-dental, and pre-nursing students. It is also recommended to students who expect to major in Organic Science. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00. Prerequisite: 101.
201. INVERTEBRATE ZOÖLOGY *Four hours*  
Anatomy, physiology, behavior, and classification of animals representative of the invertebrate groups. Insects and disease-causing forms are emphasized. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00. Prerequisite: 101.
202. INTRODUCTION TO BOTANY *Four hours*  
Anatomy, physiology, and classification of seed plants. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00.
- 203-204. PLANT MORPHOLOGY *Four hours*  
The classification of plants based upon a comparative study of their flowers. Frequent trips will be made to greenhouses, parks, and fields. Two hours each semester. Prerequisite: 202.
302. VERTEBRATE ZOÖLOGY *Four hours*  
Comparative anatomy and natural history of vertebrates. Evolution problems are emphasized. Three recitations and three hours of laboratory work a week. Laboratory fee, \$3.00. Prerequisites: 106 and 201. Courses 305 and 309 are desirable antecedents.

- 303-304. **LABORATORY METHODS** *One or two hours*  
Collection, preparation, and preservation of laboratory materials. Maintenance of laboratory cultures. Microscopic technique: killing, fixing, dehydrating, embedding, sectioning, staining, and mounting of microscopic preparations for botany, zoology, and physiology. Laboratory fee, \$3.00. Three hours of laboratory work a week during the first semester.
305. **BIOLOGICAL PROBLEMS** *Three hours*  
History of biology, the nature of the individual, variation of organisms, evidences for evolution, and organic teleology. Lectures, assigned readings, recitations, and reports. Prerequisite: 101.
- 307-308. **SPECIAL BIOLOGY** *Three hours*  
A more intensive study of biological problems selected to meet the needs of advanced students. This course will be offered only when there are no students for 309.
309. **INTRODUCTION TO EMBRYOLOGY** *Three hours*  
An elementary study of the development of vertebrate animals. Two recitations and three hours of laboratory work a week. Laboratory fee, \$3.00. Not to be elected at the same time with 303.
- 330m. **TEACHING OF BIOLOGY** *One hour*  
The point of view, contents, and methods of teaching secondary school botany, zoology, and human physiology and hygiene. Prerequisites: all preceding courses in Organic Science.

### Philosophy

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

201. **PSYCHOLOGY** *Three hours*  
A general course in psychology. 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. Papers. Prerequisite: 203.
301. **HISTORY OF PHILOSOPHY: MEDIEVAL** *Three hours*  
Continuation of 204. Especial 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 to the nineteenth 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. Papers. 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 physics and a course in plane trigonometry. 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*  
The origin, nature, and essential elements of the state. State forms and forms of government. Sovereignty and the relation of states to one another. Lectures and collateral reading. Given 1936-'37.

302. INTRODUCTION TO POLITICAL SCIENCE *Three hours*  
Continuation of 301, which is prerequisite.
303. AMERICAN CONSTITUTIONAL LAW *Three hours*  
Practical operation of Federal and state constitutions. The relations of government to the business and social interests of the people. Interpretation of the constitution by the various departments of the government. Given 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 201, 202, 312, Philosophy 201.

### Public Speaking

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

DEBATING. Two hours of credit is given to students who take part in intercollegiate debating and one hour for those who take part in the finals; that is, in the Broodman debating contest and as substitute 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*  
The principles of interpretation and expression. Oral interpretation of representative selections before the class.  
Not offered during 1937-'38.
202. INTERPRETATIVE READING *One hour*  
Continuation of 201.
203. GREAT ORATORS *One hour*  
Study of great English orators. Declamations and topical speeches.
204. GREAT ORATORS *One hour*  
Study of great American orators. Declamations and topical speeches.
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-Seminary course.
303. INTERCOLLEGIATE EXTEMPORE SPEAKING *One hour*
305. INTERCOLLEGIATE PEACE ORATORY *One hour*
307. INTERCOLLEGIATE ORATORY (M. I. S. L.) *One hour*

### Sociology

See Economics and Sociology

## REGISTER OF STUDENTS

### Seniors

NAME	ADDRESS
Barker, Catherine Lauramae	Grand Rapids
Beukema, Harriet	Grand Haven
Blocksmas, Douglas Dewey	Grand Rapids
Boerefyn, Gerrit Bastian	Pella, Iowa
Boermans, Pierson Gerald	Grand Rapids
Bosma, James F.	Grand Rapids
Bouwsma, Margaret Christine	South Holland, Illinois
Broene, Richard George	Grand Rapids
Bylsma, Bartel	Grand Rapids
Cooper, John Kenneth	Muskegon
Daane, James	Grand Haven
Deckinga, Jennie	Chicago, Illinois
Dekker, Annette Hilda	Ada
Dekker, Marian Joan	Grand Rapids
Dekker, E. Sylvia	Ada
De Koster, Lester	Zeeland
De Vries, Henry	Grand Rapids
De Vries, Kathryn Frances	Grand Rapids
Dick, Rudolph Peter	Grand Rapids
Dornbos, Marjorie Lois	Grand Haven
Eelkema, Nellie Anne	Oak Harbor, Washington
Eldersveld, Wilma Louise	Muskegon
Ezinga, Tena	Grand Rapids
Frieling, Arthur Thomas	Paterson, New Jersey
Geerdes, Harold	Chicago, Illinois
Green, Donald R.	Grand Rapids
Grevenstick, Ruth Cornelia	Wyoming Park
Groenewold, John Henry	Chicago, Illinois
Harkema, James	Grand Rapids
Heerspink, Johann	Holland
Heetderks, Willis Gerald	Zeeland
Hekman, Freda C.	Grand Rapids
Hekman, Gabriel David	Grand Rapids
Hekman, Grace Lois	Grand Rapids
Herrema, Henry S.	Grand Rapids
Holtvluwer, John Henry	Grand Rapids
King, Marian Grace	Grand Rapids
Klinge, Gerrit John	Lucas
Lubbers, Egbert	Grand Rapids
Munshaw, Carroll Lambert	Grand Rapids
Pleune, Frances Ruth	Grand Rapids
Postema, George	Grand Rapids
Riepma, Gerrit	Grand Rapids
Rosema, Robert	Grand Haven
Rus, Aletta Johanna	Byron Center
Rypkema, John Alfred	Lodi, New Jersey
Schiebout, Joe	Orange City, Iowa
Smith, Mildred Irene	Grand Rapids
Spalink, Anne Marie	Grand Rapids
Stehouwer, Miriam Elizabeth	Grand Rapids
Strikwerda, Earl	Grand Rapids

NAME	ADDRESS
Thomasma, Ruth K.	Grand Rapids
Van Beek, Edith	Maquoketa, Iowa
Vande Bunte, Russell William	Grand Rapids
Vander Ark, John A.	Manhattan, Montana
Vander Veen, Jay P.	Grand Rapids
Veenstra, Agnes Marie	Midland Park, New Jersey
Verwys, A. L. Hubert	Grand Rapids
Verwys, John Henry	Grand Rapids
Warner, Marian	Holland
Yared, Jerome Abdo	Grand Rapids
Zuiderveen, Laurence	Denver, Colorado

## Juniors

NAME	ADDRESS
Baker, Clazina	Grand Rapids
Baker, Marjorie Josephine	Grand Rapids
Battjes, Gerald Nicholas	Grand Rapids
Bean, Everett Howard	West Haven, Connecticut
Bel, Tennyson Raymond	Grand Rapids
Boer, Harry R.	Holland
Boer, Lois Barbara	Grand Rapids
Boerwinkle, James Job	Cleveland, Ohio
Bos, Jacoba	Grand Rapids
Botting, John Abraham	Grand Rapids
Bouma, Grace H.	Gallup, New Mexico
Bouwman, Frederick Ludwig	Grand Rapids
Breukelman, Marie	Corsica, South Dakota
Brink, Mildred	Cleveland, Ohio
Brink, William Paul	Chicago, Illinois
Brower, Jack	Chicago, Illinois
Cardwell, Douglas	Grand Rapids
Closterhouse, Wilbur Raymond	Jenison
De Jong, Cornelia Eleanor	Rochester, New York
Dekker, Harold	Chicago, Illinois
Diekevers, Thelma Joan	Boyden, Iowa
Dolfin, Frances	Muskegon
Draves, Evelyn Willemina	Marine City
Dunn, Robert Gordon	Grand Rapids
Edson, James	Paterson, New Jersey
Eldersveld, Samuel James	Muskegon
Etheridge, Daane	Grand Rapids
Evans, Egerton Hugh	Grand Rapids
Fisher, Virginia Evelyn	Grand Rapids
Geelhoed, Stewart	Byron Center
Goldsword, Robert Cornelius	Cleveland, Ohio
Graves, Harold Page	Grand Rapids
Ham, John Benjamin	Denver, Colorado
Hendricks, Roger Cornell	Grand Rapids
Hiemstra, William Lewis	Clifton, New Jersey
Hoekstra, Richard Clarence	Grand Rapids
Hoogsteen, Harold M.	Grand Rapids
Hoogstrate, Arthur William	Morrisville, Pennsylvania
Houseman, Morris Martin	Grand Rapids
Jenezon, Olive Lucy	Grand Rapids
Jurgens, Roy Junior	Grand Rapids
Kimball, Bruce	Grand Rapids
Konyndyk, Lambert Paul	Grand Rapids
Kramer, Siebert	Grand Rapids
Kuipers, James Clarence	Grand Rapids

NAME	ADDRESS
Kuipers, Nelly Louise	Grand Rapids
Loeks, Elizabeth Senna	Grand Rapids
Marsh, Helen A.	Grand Rapids
Mellema, Julius Franklin	Chicago, Illinois
Michmershuizen, Marian Helen	Grand Rapids
Michmershuizen, Robert	Grand Rapids
Mulder, Donald William	Grand Rapids
Mulder, John	Nobleford, Alberta, Canada
Mulder, Martha Gertrude	Nobleford, Alberta, Canada
Netz, Frederick Ludwig	Paterson, New Jersey
Oom, Robert	Grand Rapids
Petroelje, Harold	Byron Center
Prince, Hattie	Chicago, Illinois
Pylman, Jay Louis	Grand Rapids
Reynhout, Robert James	Grand Rapids
Roelofs, Evelyn Joy	Hull, Iowa
Roelofs, Robert Tromp	Grand Rapids
Rooks, Rhine Dale	Grand Rapids
Rozeboom, Henry	Fulton, Illinois
Schiebout, Ferdinand	Orange City, Iowa
Sevensma, Berton	Grand Rapids
Simerink, John R.	Grand Rapids
Smits, William Alden	Grand Rapids
Steegstra, J. Robert	Grand Rapids
Steen, Eleanor	Paterson, New Jersey
Temple, Jean Gertrude	Grand Rapids
Ten Hoor, Henry	Holland
Van An del, John Rembrandt	Grand Rapids
Vanden Berg, Albert	Grand Rapids
Vander Ark, Gertrude	Manhattan, Montana
Vanderbrug, Elsie	Whitinsville, Massachusetts
Vander Haak, William	Holland, Minnesota
Vande Riet, Garrett Herman	Holland
Vander Meer, Diemer	Grand Rapids
Vander Pol, Peter John	Marion
Van Haitsma, Gladys	Zeeland
Van Heest, Katherina Maria	Grand Rapids
Van Opynen, Catherine Wilhelmina	Grand Haven
Van Stensel, Eugenia Lois	Grand Rapids
Van Zwo ll, Cornelius	Grand Rapids
Veenstra, Norman Richard	Chicago, Illinois
Veltman, Frederick Jerome	Holland
Voorman, Martha	Wortendyke, New Jersey
Vorce, M. Barrett	Grand Rapids
Waite, Clair Henry	Grand Rapids
Westveer, Anne Wilma	Grand Rapids
Whitney, Raymond Henry	Grand Rapids
Wierenga, Alice Edna	Chicago, Illinois
Woodford, George Munsey	Grand Rapids

## Sophomores

Aldrink, Jacob Myron	Zeeland
Alkema, Melvin	Grand Rapids
Baak, Henry Peter	Grand Rapids
Beckman, Peter Gerard	Holland
Boerwinkle, Gertrude Theresa	Cleveland, Ohio
Boes, Donald John	Grand Rapids
Borgman, Julia Mae	Grand Rapids
Boss, Henry C.	Chicago, Illinois

NAME	ADDRESS
Bossenbroek, Gertrude	Waupun, Wisconsin
Bossenbroek, Harold	Waupun, Wisconsin
Bouwens, Bernice	Zeeland
Bouwkamp, Dorothy Ann	Grand Rapids
Bradfield, John Hoult	Grand Rapids
Buus, C. Oliver	Holland, Iowa
Cooper, Peter Sidney	Whitinsville, Mass.
Dalebout, Jacoba	Grand Rapids
Decker, George	Chicago, Illinois
De Groot, Adrian	Holland
De Jong, George Andrew	Chicago, Illinois
Dekker, Ahleen Mae	Grand Rapids
De Korne, Baldwin	Wellsburg, Iowa
De Young, Wesley Richard	Evergreen Park, Illinois
Diephuis, Roelof Peter	Goshen, Indiana
Driesens, Robert James	Grand Rapids
Duthler, William	Grand Rapids
Eppinga, Jacob Dirk	Detroit
Exoo, Henry	Cleveland, Ohio
Ezinga, Ryven Carl	Grand Rapids
Feikens, John	Paterson, New Jersey
Goudzwaard, Marjorie	Grand Rapids
Griswold, William Ralph	Grand Rapids
Gunnink, Katie	Chandler, Minnesota
Haan, Bernard John	Grand Rapids
Hartger, Harold William	Jenison
Hekman, Louis R.	Grand Rapids
Hoeksema, Jeanette Evelyn	Grand Rapids
Hoffman, Walter	Grand Rapids
Hofstra, Peter Charles	Paterson, New Jersey
Holst, Merlin James	Grand Rapids
Hoogerland, Andrew William	North Park
Hoogsteen, Helen Mae	Grand Rapids
Huizingh, William	Grand Rapids
Ibershof, John Bernard	Grand Rapids
Idema, William Wren	Grand Rapids
King, Harold John	Grand Rapids
Kooistra, Martin Clinton	Midland Park, New Jersey
Kromminga, John Henry	Grand Rapids
Kuipers, George Albertus	Grand Rapids
Laskey, Donald Melvin	Grand Rapids
Maring, Charlotte	McBain
Merizon, Edna Jeanne	Grand Rapids
Mulder, John Jr.	Grand Haven
Oom, Betty Jean	Grand Rapids
Oppenhuizen, Hessel	Tohatchi, New Mexico
Ouwinga, Paul	Marion
Petersen, Henry	Grand Haven
Posthuma, Millard	Grand Rapids
Rickers, Peter	Grand Rapids
Rodenhouse, Louis	Grand Rapids
Rottschafer, Walter Cornelius	Grand Rapids
Schiebout, Hermie Gerrit	Orange City, Iowa
Seven, Francine	Grand Rapids
Sevensma, Eugene Stuart	Grand Rapids
Simmons, William	Grand Rapids
Sluis, Elizabeth Marie	Chicago, Illinois
Sluyter, Richard Myron	Grand Rapids
Smith, Albert Paul	Midland Park, New Jersey

NAME	ADDRESS
Smith, Martha	Glen Rock, New Jersey
Streekstra, Wilma	Cleveland, Ohio
Stuit, R. Kenneth	Grand Rapids
Sytsma, Frances Martha	Chicago, Illinois
Timmer, John Henry	Grand Rapids
Titmas, Albert	Akron, Ohio
Van An del, Dorothy Anne	Grand Rapids
Van Beek, Everdean Gertrude	Maquoketa, Iowa
Van Dellen, Doris	Grand Rapids
Vanden Berg, Henrietta Frances	Grand Rapids
Vander Heide, Anthony	Grand Rapids
Vander Jagt, Peter	Grand Rapids
Vander Vennen, Earl John	Grand Rapids
Van't Hoff, Gertrude	Paterson, New Jersey
Van Zwoil, Nellie	Grand Rapids
Venema, John M.	Hospers, Iowa
Venema, William Junior	Grand Rapids
Westmaas, Frederick John	Marion
Winter, Celia Jean	Muskegon
Yonkman, Robert George	Grand Rapids

## Freshmen

Allen, Virginia Marie	Grand Rapids
Auwers, Joseph T.	Grand Rapids
Bajema, Henry	Grand Rapids
Baker, Arthur Gerald	Grand Rapids
Baker, Jay	Grand Rapids
Bergman, Henrietta	Holland
Bergman, Herman	Holland
Beverluis, Henry	Paterson, New Jersey
Boerema, Don Eugene	Grand Rapids
Boerman, Elmer	Zeeland
Boersma, Albert John	Inwood, Iowa
Boonstra, Lillian	Grand Rapids
Borgman, Richard	Grand Rapids
Bosch, Gerald	Zeeland
Bosch, Henry Gerard	Grand Rapids
Bouma, Donald Herbert	Grand Rapids
Bouma, John Henry	Edgerton, Minnesota
Bouwman, Mary Elinor	Grand Rapids
Brashler, Clarence	Harvey, Illinois
Bratt, Murvel	Holland
Brink, Viola Lucille	Edgerton, Minnesota
Broene, Geneva Maurine	Grand Rapids
Brower, Tony	Chicago, Illinois
Bruggema, Betty Esther	Grand Rapids
Bruggink, Cornelius Charles	Grand Rapids
Buikema, Henry	Cicero, Illinois
Bush, Agnes	Clifton, New Jersey
Buter, Gordon	Holland
Bylsma, Dorothy	Grand Rapids
Compaan, Peter	Grand Rapids
Crego, Robert John	Grand Rapids
De Bruin, Marie	Rock Valley, Iowa
De Graaff, Henry	Lake Geneva, Wisconsin
De Groot, Gertrude	Volga, South Dakota
De Haan, Clarence	De Motte, Indiana
De Haan, June	Grand Rapids

NAME	ADDRESS
De Haan, Nelson	Wyoming Park
De Jonge, Antoinette	Grand Rapids
De Kraker, Andrew	Dorr
De Kruyter, Carol Catherine	Grand Rapids
De Vries, George	Holland
De Vries, Jean Alvina	Grand Rapids
De Vries, Peter Joseph	Spring Lake
Dirkse, Adelyn Anita	Holland
Doezema, Cornelius	Grand Rapids
Doezema, Edward	Grand Rapids
Douma, Andrew	Friesland, Wisconsin
Erdmans, Ilse	Grand Rapids
Eldrenkamp, Nancy	Evergreen Park, Illinois
Feenstra, Ernest	Grand Rapids
Goulooze, Jean	Grand Rapids
Grevengoed, Thelma	Holland
Groeneveld, Betty	Holland
Gruessing, Richard John	Grand Rapids
Hansma, Jack Edward	Grand Rapids
Heerema, Elizabeth Francis	Grand Rapids
Hekman, Henry	Grand Rapids
Hendrickson, Lawrence John	Grand Rapids
Heynen, William	Orange City, Iowa
Hibma, Clarence	Harris, Iowa
Hoekman, Lawrence John	Grand Rapids
Homan, Henry L.	Grand Rapids
Hoogewind, John A.	Grand Rapids
Ibershof, Louise Agnes	Grand Rapids
Jenema, Peter J.	Falmouth
Jenema, Sylvia Sue	Falmouth
Jurgens, Ruth Edna	Grand Rapids
Kaastra, Katherine	Grand Rapids
Kammeraad, Angie	Holland
Kemink, Ralph William	Shelby
Kilgren, Hilding William	Tustin
Kleist, Jean Mildred	Grand Haven
Klesner, Mary Louise	Grand Rapids
Klomp, Gertrude Marian	Hudsonville
Kroon, Philip Cornelius	Grand Rapids
Kuiper, Janet Ruth	Chicago, Illinois
Kuipers, Adrian C.	Hospers, Iowa
Lamberts, Gordon	Grand Rapids
Leenstra, Selina	Muskegon
Licatesi, Vincent Charles	Chicago, Illinois
Malone, Stella Alfsidia	Grand Rapids
Meeuwssen, Bernard	Grand Rapids
Minderhout, Doris Eileen	Grand Rapids
Moezelaar, John	Prospect Park, New Jersey
Molemaker, Winifred Betty	Grand Rapids
Mustee, Dolly Beth	Grand Rapids
Muyskens, Cecilia Mildred	Grand Rapids
Olthof, Margaret Enid	Grand Rapids
Oostendorp, Edward Harold	Zeeland
Ottenhoff, Conrad Arthur	Chicago, Illinois
Pals, Hillene	Hull, Iowa
Penninga, Adrian John	Ada
Piersma, John H.	Grand Rapids
Poortenga, Rozena	Hudsonville
Radius, Lenore Mathilda	Chicago, Illinois
Ringelberg, Ruth Doris	Grand Haven
Roelofs, Cora Helen	Grand Rapids

NAME	ADDRESS
Roelofs, Edgar John	Renville, Minnesota
Rottman, Benjamin	Fremont
Rus, Evelyn Jeanne	Byron Center
Scholten, Alfred Louis	Grand Rapids
Scholten, John Cornelius	Grand Rapids
Schulthouse, Dorothy Edith	Oak Park, Illinois
Schulthouse, Henriette Dorothy	Oak Park, Illinois
Shepard, Douglas Chase	Hamden, Connecticut
Smith, Lambertus Peter	Midland Park, New Jersey
Stob, Lois Jane	Grand Rapids
Stocker, Marian Jean	Grant
Strikwerda, Alfred Charles	Grand Rapids
Struck, William A.	Paterson, New Jersey
Tamminga, Samuel William	Denver, Colorado
Tangenberg, Jane Kathryn	Grand Rapids
Tinholt, Donna Althea	Holland
Torres, Raul Marcelino	Grandville
Trapp, Gertrude Evelyn	Grand Rapids
Tuinstra, Doris	Grand Rapids
Van Beek, Donald Arthur	Chicago, Illinois
Van Dellen, Marguerite Florence	Chicago, Illinois
Van Dellen, Ruth Helene	Chicago, Illinois
Vander Woude, Jacob Clarence	Chicago, Illinois
Van Eerden, Abe Henry	Grand Rapids
Van Eerden, Helen Elizabeth	Grand Rapids
Van Haitsma, Janice Kathryn	Grand Rapids
Van Harn, Anthony John	Grand Rapids
Van Herp, Nellie Wilma	Grand Rapids
Van't Hof, Jeannette Marie	Grand Rapids
Veenstra, May	Midland Park, New Jersey
Veltman, Gertrude	Grand Rapids
Ver Merris, Elmer Haan	Grand Rapids
Versluis, Edith Mae	Grand Rapids
Voss, Agnes	Grand Rapids
Waalkes, Jean Mae	Grand Rapids
Waalkes, Marion Mathilda	Grand Rapids
Wevers, John William	Baldwin, Wisconsin
Wielhouwer, John Daniel	Grand Rapids
Wierenga, Lambert William	Chicago, Illinois
Wildschut, Ralph	Zeeland

## Unclassified

NAME	ADDRESS
Berghuis, Melvin	Clara City, Minnesota
Cassada, Mrs. Dorothy	Grand Rapids
Conger, Helen Eugenia	Grand Rapids
Hendriksen, William	Grand Rapids
Irwin, Charlotte	Grand Rapids
Lobensky, Louis	Grand Rapids
Masselink, Edward	Grand Rapids
Stevens, Joan	Grand Rapids
Vanden Berg, Mar'an	Grand Rapids
Vander Jagt, Fred William	Grand Rapids
Vellenga, Agnes	Chicago, Illinois
Vis, Alice Taylor	Grand Rapids
Waring, Evangeline	Grand Rapids