Foreword

Kalamazoo College is a liberal arts institution offering courses of study leading to the degree of Bachelor of Arts. While it seeks to train young men and women in intellectual leadership, the College attempts also to orient youth in the values of contemporary culture. To this end sound instruction in the humanities, the natural sciences, the social sciences, and the fine arts is offered, and participation in sports, forensics, dramatics, music, and other activities is encouraged.

In order that the program of the College may have a vital relationship to the life of the community, varied contacts are maintained with the business world and with the world of cultural and civic affairs. This basic kind of college education constitutes the finest preparation for professional courses in medicine, engineering, law, business administration, teaching, library science, religion, and social work, and for graduate study in purely academic fields.

Kalamazoo College is approved by the Association of American Universities, the American Association of University Women, and the North Central Association of Colleges and Secondary Schools.

Calendar

Second Semester—1938-39

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, February 7</td>
<td>Second Semester begins, 8:00 A.M.</td>
</tr>
<tr>
<td>Saturday, March 25</td>
<td>Spring Recess begins, 12:00 M.</td>
</tr>
<tr>
<td>Monday, April 3</td>
<td>Classes resume, 8:00 A.M.</td>
</tr>
<tr>
<td>Wednesday, April 5</td>
<td>Supplemental Examinations</td>
</tr>
<tr>
<td>Saturday, April 22</td>
<td>Founders Day</td>
</tr>
<tr>
<td>Saturday, May 13</td>
<td>All-College Day</td>
</tr>
<tr>
<td>Wednesday, May 24</td>
<td>May Fete</td>
</tr>
<tr>
<td>Tuesday, May 30</td>
<td>Holiday</td>
</tr>
<tr>
<td>Monday, June 12—Friday, June 16</td>
<td>Final Examinations</td>
</tr>
<tr>
<td>Saturday, June 17</td>
<td>Alumni Day</td>
</tr>
<tr>
<td>Sunday, June 18</td>
<td>Baccalaureate Sunday</td>
</tr>
<tr>
<td>Monday, June 19</td>
<td>One Hundred Third Annual Commencement</td>
</tr>
</tbody>
</table>

First Semester—1939-1940

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>Monday, September 18</td>
<td>Freshman Induction Program, 9:00 A.M.</td>
</tr>
<tr>
<td>Tuesday, September 19</td>
<td>Registration</td>
</tr>
<tr>
<td>Wednesday, September 20</td>
<td>Opening Chapel, 9:00 A.M.</td>
</tr>
<tr>
<td>Monday, October 9</td>
<td>Honors Day</td>
</tr>
<tr>
<td>Saturday, October 14</td>
<td>Homecoming</td>
</tr>
<tr>
<td>Wednesday, November 29</td>
<td>Thanksgiving Recess begins, 12:20 P.M.</td>
</tr>
<tr>
<td>Monday, December 4</td>
<td>Classes Resume, 8:00 A.M.</td>
</tr>
<tr>
<td>Wednesday, December 13</td>
<td>Christmas Carol Service</td>
</tr>
<tr>
<td>Saturday, December 16</td>
<td>Winter Recess begins, 12:00 M.</td>
</tr>
<tr>
<td>Tuesday, January 2</td>
<td>Classes resume, 8:00 A.M.</td>
</tr>
<tr>
<td>Monday, January 29—February 3</td>
<td>Mid-year Examinations</td>
</tr>
</tbody>
</table>

Second Semester—1939-40

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, February 6</td>
<td>Second Semester begins, 8:00 A.M.</td>
</tr>
<tr>
<td>Saturday, February 24</td>
<td>Washington Banquet</td>
</tr>
<tr>
<td>Saturday, March 16</td>
<td>Quadrennial Model Political Convention</td>
</tr>
<tr>
<td>Friday, March 29</td>
<td>Spring Recess begins, 3:20 P.M.</td>
</tr>
<tr>
<td>Monday, April 8</td>
<td>Classes resume, 8:00 A.M.</td>
</tr>
<tr>
<td>Wednesday, April 10</td>
<td>Supplemental Examinations</td>
</tr>
<tr>
<td>Monday, April 22</td>
<td>Founders Day</td>
</tr>
<tr>
<td>Wednesday, May 22</td>
<td>May Fete</td>
</tr>
<tr>
<td>Thursday, May 30</td>
<td>Holiday</td>
</tr>
<tr>
<td>Monday, June 10—Friday, June 14</td>
<td>Final Examinations</td>
</tr>
<tr>
<td>Saturday, June 15</td>
<td>Alumni Day</td>
</tr>
<tr>
<td>Sunday, June 16</td>
<td>Baccalaureate Sunday</td>
</tr>
<tr>
<td>Monday, June 17</td>
<td>One Hundred Fourth Annual Commencement</td>
</tr>
</tbody>
</table>
## Board of Trustees

**Term Expires in 1939**

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dorothy Upjohn DeLand, B.A.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Enos A. DeWaters, B.A.</td>
<td>Flint</td>
</tr>
<tr>
<td>John W. Hoag, B.A., D.D.</td>
<td>Detroit</td>
</tr>
<tr>
<td>Harry C. Howard, B.A.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Lewis H. Kirby, LL.B.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>John Nuveen</td>
<td>Chicago, Ill.</td>
</tr>
<tr>
<td>R. E. Olds, Sc.D.</td>
<td>Lansing</td>
</tr>
<tr>
<td>Floyd R. Olmsted, B.A.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Fred O. Pinkham, B.A.</td>
<td>Jackson</td>
</tr>
<tr>
<td>Raymond H. Smith, B.A.</td>
<td>Detroit</td>
</tr>
<tr>
<td>Paul H. Todd, B.S.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>E. L. Yaple, B.S., LL.B.</td>
<td>Kalamazoo</td>
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</table>

**Term Expires in 1940**

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Harold B. Allen, B.A.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Charles S. Campbell</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Ainsworth W. Clark, B.A., LL.B.</td>
<td>Chicago, Ill.</td>
</tr>
<tr>
<td>Charles L. Deibl, B.A., LL.B., D.C.I.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>George K. Ferguson, B.A.</td>
<td>Watervliet</td>
</tr>
<tr>
<td>Donald S. Gilmore</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Florence E. Grant</td>
<td>Birmingham</td>
</tr>
<tr>
<td>Paul B. Moody, A.B., LL.B.</td>
<td>Detroit</td>
</tr>
<tr>
<td>Oren G. Quick, B.S.</td>
<td>Manistique</td>
</tr>
<tr>
<td>T. Thomas Wylie, B.A., B.D.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Edgar R. Young, B.S.</td>
<td>Jackson</td>
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**Term Expires in 1941**

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Herbert H. Gardner, LL.B.</td>
<td>Birmingham</td>
</tr>
<tr>
<td>Claude M. Harmon, LL.D.</td>
<td>Detroit</td>
</tr>
<tr>
<td>O. C. Hendrickson, B.A., B.D.</td>
<td>Flint</td>
</tr>
<tr>
<td>Grant M. Hudson, B.A.</td>
<td>Lansing</td>
</tr>
<tr>
<td>Blanche W. Hull, B.A.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>H. Clair Jackson, B.A.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Bernard L. Johnson, B.A.</td>
<td>Chicago, Ill.</td>
</tr>
<tr>
<td>L. H. Stewart, Ph.M., M.D., Sc.D.</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>L. W. Sutherland</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Smith G. Young</td>
<td>Lansing</td>
</tr>
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</table>

## OFFICERS OF THE BOARD

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Enos A. DeWaters</td>
<td>Chairman</td>
</tr>
<tr>
<td>Harry C. Howard</td>
<td>Vice-Chairman</td>
</tr>
<tr>
<td>Floyd R. Olmsted</td>
<td>Secretary</td>
</tr>
<tr>
<td>Charles S. Campbell</td>
<td>Treasurer</td>
</tr>
<tr>
<td>Merrill W. Taylor</td>
<td>Assistant Treasurer</td>
</tr>
<tr>
<td>H. Clair Jackson</td>
<td>Attorney</td>
</tr>
</tbody>
</table>

## BOARD OF TRUSTEES

### STANDING COMMITTEES OF THE BOARD

**EXECUTIVE COMMITTEE:**


**FINANCE COMMITTEE:**

Herbert H. Gardner, Chairman, Lewis H. Kirby, Charles S. Campbell, L. W. Sutherland, Paul B. Moody, Harold B. Allen.

**COMMITTEE ON BUILDINGS AND GROUNDS:**

Donald S. Gilmore, Chairman, Mrs. Floyd R. Olmsted, Paul H. Todd, Blanche W. Hull, L. W. Sutherland, Paul L. Thompson, T. Thomas Wylie.

**COMMITTEE ON FACULTY:**


### SPECIAL COMMITTEES OF THE BOARD

**HOBEN MEMORIAL ORGAN FUND COMMITTEE:**

R. E. Olds, Chairman, Florence E. Grant, Bernard L. Johnson, L. W. Sutherland, Donald S. Gilmore, Henry Overley, Charles T. Goodsell.

**FACULTY RETIREMENT PLAN COMMITTEE:**

John Nuveen, Chairman, Charles S. Campbell, Floyd R. Olmsted.

**ENDOWMENT INQUIRY COMMITTEE:**


**SCHOLARSHIPS AND STUDENT AID:**

WOMEN’S COUNCIL

Term Expires in 1939

Mrs. George L. Bennett ................................................ Adrian
Mrs. Enos A. DeWaters ................................................... Flint
Miss Florence Grant ....................................................... Birmingham
Miss Blanche W. Hull ..................................................... Kalamazoo
Mrs. R. E. Olds ........................................................... Lansing
Mrs. Floyd R. Olmsted ..................................................... Kalamazoo

Term Expires in 1940

Mrs. Charles S. Campbell ............................................... Kalamazoo
Mrs. C. E. Clifton .............................................................. Evanston, Ill.
Mrs. James B. Fleugel ....................................................... Kalamazoo
Mrs. Harry C. Howard ....................................................... Kalamazoo
Mrs. Grant M. Hudson ..................................................... Lansing
Mrs. D. T. Magill .............................................................. Jackson
Mrs. H. E. Schweitzer ..................................................... Flint

Term Expires in 1941

Mrs. M. Forest Ashbrook .................................................. Yonkers, N.Y.
Mrs. John E. Carr .............................................................. Lansing
Mrs. L. J. Goux ................................................................. Detroit
Mrs. Frederick M. Hodge .................................................... Kalamazoo
Mrs. Milton M. McGorrill ................................................... Grand Rapids
Mrs. J. A. Pitkin ............................................................... Kalamazoo
Miss Birdena Donaldson, ex-officio .................................. Kalamazoo

Officers of the Council

Mrs. Floyd R. Olmsted, President ...................................... Kalamazoo
Miss Blanche W. Hull, 1st Vice-President ............................ Kalamazoo
Mrs. Enos A. DeWaters, 2nd Vice-President ........................ Flint
Mrs. D. T. Magill, Secretary-Treasurer ............................... Jackson

Administrative Officers and Assistants

PAUL LAMONT THOMPSON, LL.D...........................................President
WILLIS F. DUNBAR, M.A...................................................Acting Dean
JUSTIN H. BACON, M.A., LITT.D...................................... Registrar and Secretary of the Faculty
BIRDENA E. DONALDSON, M.A...........................................Dean of Women
FRANK B. BACHELOR, B.A., D.D.................................Business Manager
FLORENCE M. MEREDITH, M.S...........................................Librarian
ALICE BROWN MERRIMAN, M.S...................................Assistant to Librarian
MABEL G. HEMMES, B.A...........................................Assistant to Librarian
MARY MURDO WARNER, PH.B.................................Director of Teacher Placement Bureau
EVERETT R. HAMES, M.A...........................................Director of Admissions and Alumni Relations
LOUIS C. REMYNSIE, B.A............................................Superintendent of Buildings and Grounds
MARGARET I. BOYS, B.S................................................Director of Women's Residence and College Dining Hall
GILMER G. ROBINSON, M.S...........................................Director of Hoben Hall
JOSEPHINE CUTLER, B.A...........................................Secretary to the President
MIRIAM WARFIELD FREEMAN..............................Bookkeeper
MABEL I. WHITEMAN, R.N....................................Resident College Nurse
RUTH H. SCHROEDER, B.A....................................Secretary of Alumni Office
CARLOTTA B. HAMMOND...........................................Secretary to the Deans
The Faculty

The figures in parentheses indicate the year of beginning of service at Kalamazoo College.

P A U L L A M O N T T H O M P S O N , President ........................................... (1918)
B.A., Emmanuel Missionary College, '18; B.D., Colgate-Rochester Divinity School, '31; L.L.D., Franklin College, '35; president Southwestern Junior College, '23-'38; president, Union College, Lincoln, Neb., '28-'31; president, Shurtleff College, '33-'38.

W I L L I S F R E D E R I C K D U N B A R, Assistant Professor of History; Acting Dean. (1928)

B E R D R A N D E . D O N A L D S O N , Assistant Professor of History; Dean of Women. (1938)
B.A., Franklin College, '26; M.A., Northwestern University, '27; assistant professor of history, Brenau College, '27-'31; dean of women and assistant professor of history, Doane College, '32-'38.

J U S T I N H O M E R B A C O N , Professor of French; Secretary of the Faculty; Registrar. (1907)

L A M U E L F I S H S M I T H , Professor of Chemistry. (1911)

H E R M O N H A R R I S O N S E V E N S , Professor of Greek and Latin, Emeritus; Dean, Emeritus. (1916)
B.A., Denison University, '96; M.A., University of Chicago, '22; D.Th., Hildesdale College, '31; professor of Greek, Central College, '03-'05; dean and professor of Greek and German, '06-'12; fellow, University of Chicago, '12-'13; professor of Biblical literature, Hildesdale College, '13-'16.

M I L T O N S I M P S O N , Professor of English Language and Literature. (1919)
B.A., Acadia University, '05; fellow, Yale University, '05-'07; B.A., '06; M.A., '07; professor of English, Ouachita College, '07-'09; assistant professor of English, Michigan State College, '11-'16; associate professor of English, Whitman College, '16-'19.

R O B E R T F R A N K L I N C O R N E L L , Professor of Political Science. (1919)
B.A., Cornell College, '19; J.D., University of Michigan, '26.

T H O M A S O R E W A L T O N , Olney Professor of Mathematics. (1921)
B.A., Kalamazoo College, '14; M.S., University of Chicago, '26; Ph.D., University of Michigan, '27; professor of mathematics, William and Vashti College, '15-'18; professor of mathematics, Colorado School of Mines, '18-'20; assistant professor of mathematics, Michigan State College, '20-'32.

J O H N W E S L E Y H O R N B E E C K, Professor of Physics. (1925)

L U I K E J O H N H E M M E S , Professor of Philosophy and Psychology. (1925)
B.D., Rochester Theological Seminary, '16; M.A., University of Rochester, '17; Ph.D., University of Chicago, '24; professor of psychology and philosophy, Brandon College, '20-'23; professor of German, University of Dubuque, '24-'25.

A L L E N B Y R O N S T O W E , Professor of Physical Chemistry. (1928)
B.S., Kalamazoo College, '20; M.A., Clark University, '21; fellow, '22-'23; Ph.D., '23; professor of chemistry, Olivet College, '23-'28.

A R N O L D M U L D E R , Professor of English. (1929)

M A R O N H I L L E R D U N S M O R E , Professor of Religion. (1929)
B.A., Kalamazoo College, '20; M.A., Pacific School of Religion, '22; Ph.D., '26; fellow, University of Chicago, '23-'26; Ph.D., '26; assistant professor of religious education and literature, Hiram College, '26-'29.

F R A N C I S D I E B O L D , Associate Professor of Biology. (1923)

C H A R L E S T R U E G O O D B E L L , Associate Professor of History. (1928)

L Y M A N S P I C K E R J U D S O N , Associate Professor of Speech. (1937)
B.A., Albion College, '25; M.S., University of Michigan, '29; Ph.D., University of Wisconsin, '31; assistant professor of English, division of speech, University of Illinois, '34-'36; acting chairman, department of speech, University of Wisconsin Extension Division, '36-'37.

*E R A T O T A Y L O R W O R T H, Assistant Professor of English. (1919)
B.A., Albion College, '11; M.A., University of Michigan, '15.

C H E S T E R S M I T H B A R N A R D , Assistant Professor of Physical Education; Director of Athletics. (1925)
B.S., B.A., Missouri State Teachers College, '21; athletic coach and professor of physical education, Missouri State Teachers College, '24-'28; head football coach, Mississippi University, '24-'25.

* On leave second semester, '38-'39.
MRS. MUNRO WARNER, Assistant Professor of Education; Director of Placement Bureau. (1926)
Ph.D., Denison University, '13; Life Certificate, Western State Teachers College, '16; graduate student, Teachers College, Columbia University, '18; director of rural practice, Western State Teachers College, '19-'22.

GLADYS ANDREWS, Assistant Professor of French. (1929)
B.A., University of Michigan, '28; M.A., '29.

RAYMOND LEE HIGHTOWER, Assistant Professor of Sociology. (1934)
B.A., University of Richmond, '21; B.D., Crozer Theological Seminary, '31; M.Th., '31; M.A., University of Pennsylvania, '30; Ph.D., University of Chicago, '33.

HENRY OVERLEY, Assistant Professor of Music; Director of Musical Organizations. (1934)
B.A., Cornell University, '19; M.A., Columbia University, '22; studied organ with Wilhelm Middelschulte, Chicago, '22; instructor in music, Chicago, '23; assistant professor, University, '23; professor of music, George Williams College, '37; instructor in music, Lawrence College Conservatory, '37-'39; director of music, Westminster College, '38-'39; professor of music, Westminster College, '39-

KATHRYN ALBIN HODGMAN, Director and Instructor in Art. (1930)

PAUL CORY STAAKE, Instructor in Marketing and Merchandising. (1932)

*ON LEAVE, '37-'38.

THE FACULTY

MARY HARRIS SEIFERT, Instructor in Latin and English. (1937)
B.A., M.A., University of Pittsburgh, '22.

MIRIAM BROWN, Instructor in Physical Education for Women. (1938)
B.S., Michigan State Normal College, '30.

ELLEN MACKECHNIE JUDSON, Instructor in English. (1959)
B.S., University of Wisconsin, '33; M.A., '34.

GEORGE RICKEY, Instructor in Art. (1959)
B.A., Oxford University, '30; instructor in art, Olivet College, '37-'39.

FREDERICK WILLIAM HEYL, Lecturer in Chemistry; Research Director for Upjohn Scholars. (1923)
Ph.D., Yale University, '04; Ph.D., '06; Sc.D., Kalamazoo College, '27; associate chemist, Bureau of Chemistry, U.S. Dept. Agriculture, '02-'06; assistant in chemistry, University of Wyoming, '10; assistant professor, '11; professor of chemistry, '12.

CAMPUS MUSIC FACULTY

HENRY OVERLEY, Head of the Music Department; Teacher of Organ. Associate, American Guild of Organists; teacher's diploma, Sherwood Music School, Chicago, '29; scholar in organ, Institute of Musical Organizations, '32; and assistant in organ, Michigan State Normal College, '32; studied organ with Wilhelm Middelschulte, Chicago, '22; professor of music, George Williams College, '37; instructor in music, Lawrence College Conservatory, '37-'39; director of music, Westminster College, '38-'39; professor of music, Westminster College, '39-

ESTHER DEAN RASMUSSEN, Teacher of Violin. Graduate, Lawrence College Conservatory, '16; graduate study with Herbert Butler and Herman Felber; teacher of violin, Lawrence College Conservatory, '16-'17.

MABEL PEARSON OVERLEY, Teacher of Voice. Teacher's certificate, Knox College Conservatory; graduate work with George Nelson Holt, Yeastman Griffith, and Richard Hageman.

CLEO GLENN FOX, Director of Band. (1938)
B.S., Western State Teachers College, '34; M. Mus., University of Michigan, '35.

COMMITTEES OF THE FACULTY

I. GOVERNMENT: President Thompson, Section Chairman.

1. ADMINISTRATIVE COUNCIL: Thompson, Bacon, Bachelor, Diebold, Donaldson, Dunbar, Goodsell, Hornbeck, Meredith, Robinson, Warner.
2. STUDENT RESIDENCE: Dunbar, Bachelor, Donaldson, Earl, Robinson.
3. PERSONNEL: Hightower, Donaldson, Dunbar.
4. STUDENT AID AND LABOR: Bachelor, Boys, Donaldson, Dunbar, Meredith, Remynse, Robinson.
5. ALUMNI RELATIONS: Staake, Earl, Hames, Smith, Stowe, Walton.
7. GRADUATE SCHOLARSHIPS AND FELLOWSHIPS: Smith, Kissick, Simpson.
8. FINANCES OF STUDENT ORGANIZATIONS AND ACTIVITIES: Walton, Bachelor, Hightower.
9. STUDENT PLACEMENT: Warner, Bacon, Cornell, Dunbar, Kissick.
10. COLLEGE PUBLICATIONS: Bacon, Dunbar, Hames, Mulder, Staake.
11. STUDENT PUBLICATIONS: Simpson, Bachelor, Dunbar, Mulder, Staake.

II. ACADEMIC AFFAIRS: Dunbar, Section Chairman.
1. ADMISSIONS AND SCHOLARSHIP: Bacon, Donaldson, Dunbar, Hames, Stowe.
2. CURRICULUM: Goodsell, Bacon, Cornell, Diebold, Dunbar, Hemmes, Hornbeck, Warner.
3. LIBRARY: Cornell, Meredith, Simpson, Walton.
4. GRADUATE STUDIES: Hemmes, Cornell, Dunsmore, Hornbeck, Stowe.
5. HONORS AND INDIVIDUALIZATION: Hornbeck, Bacon, Cornell, Dunsmore, Hemmes.
6. HONORARY DEGREES: Hornbeck, Bacon, Goodsell, Hemmes, Simpson.

III. EXTRA-CURRICULAR AFFAIRS: Goodsell, Section Chairman.
2. CHAPEL AND RELIGIOUS LIFE: Goodsell, Batts, Dunsmore, Judson, Overley.
4. MUSICAL ORGANIZATIONS: Overley, Fox, Seifert.
5. ATHLETICS: Stowe, Barnard, Brown, Robinson.
6. LITERARY SOCIETIES:
   Men: Judson, Seifert, Stowe, Walton.
   Women: Diebold, Donaldson, Earl, Mrs. Seifert, Worth.
7. DRAMATICS, FORENSICS AND PUBLIC SPEECH: Judson, Bachelor, Donaldson, Dunbar, Hames, Walton.

General Information

PURPOSE

"Kalamazoo College is a fellowship in learning." Its chief aim is the development of personality. To the end that the student may not only realize the fullest possible measure of individual growth but also function intelligently as a social being, the College strives to attain the following specific objectives:

1. Religious. Kalamazoo College endeavors to develop in the student Christian attitudes and convictions which will manifest themselves in his conduct and in all human relationships.

2. Intellectual. Kalamazoo College endeavors, through the medium of a curriculum of liberal arts and sciences, to develop in the student sound knowledge, open-mindedness, reasoned judgment and creative scholarship. It seeks to inspire intellectual curiosity, a love of truth, and to cultivate the power to think.

3. Social. Kalamazoo College believes that the social graces are an essential element in education. Hence it aims to provide on the campus such a social program as will foster these qualities in each individual.

4. Physical. Kalamazoo College realizes the importance of physical well-being to a well rounded life. It seeks to safeguard the health of its students, to encourage wholesome recreation, and provide opportunities for the attainment of skill in various sports.

5. Vocational. Kalamazoo College recognizes the importance of serving the vocational interests of its students in so far as is consistent with the concept of a liberal education. Certain of its courses have a distinctly vocational emphasis. Conferences and discussions setting forth the claims of var-
ious professions and occupations are held from time to time.

6. Cultural. The administration is aware that the cultural, religious and social values on a college campus come more from contacts between faculty members and students than from precepts, devices, methods and technique in teaching. For this reason great care is exercised in the selection of teachers to consider and give weight to those traits of character that will make for the finest campus life. Care is also taken to provide social and religious occasions designed to build up desirable campus influences.

HISTORICAL SKETCH

Kalamazoo College is the product of two vital forces which were operating a century ago along America's vast western frontier—religion and democracy.

The religious impulse was represented by the Reverend Thomas W. Merrill, a Baptist missionary from New England, and the democratic impulse by a Michigan pioneer, Judge Caleb Eldred of Climax. Beginning in the summer of 1830, these two men labored incessantly to establish an institution of learning, and in spite of almost insuperable difficulties they and their friends succeeded in securing a charter from the Territorial Council on April 22, 1833, for a school known as The Michigan and Huron Institute. In 1835 Bronson (later called Kalamazoo) was selected as the site, and in 1836 the first building was erected and instruction was begun.

During the next seven years, under Principals Nathaniel Marsh, Nathaniel A. Balch, David Alden and William Dutton, the Institute, in spite of inadequate equipment and small financial resources, carried on a high type of work, somewhat below the collegiate level, for both men and women. In 1837 the name was changed to The Kalamazoo Literary Institute, and in 1840 the school was merged with the local "Branch" of the University of Michigan, a relationship which continued until 1850.

In 1843 a new era in the life of the Institute began with the appointment of the Reverend J. A. B. Stone as principal. For the next twenty years the story of the school was the story of Principal Stone and his brilliant wife, Lucinda Hinsdale Stone. Under their progressive leadership the city became a center of education for women, and a theological seminary was established. Largely through the efforts of Dr. Stone the State Legislature in 1855 authorized an amendment to the charter of the Institute, granting to the trustees the power to confer degrees, and changing the name to Kalamazoo College. The present campus was purchased, new buildings were erected, student enrollment was greatly increased, a talented faculty was built up, and the curriculum was enlarged.

The Stones resigned in 1863 and the College entered a period of prolonged adversity which lasted until 1892. John M. Gregory, 1864-67; Kendall Brooks, 1868-87; Monson A. Willcox, 1887-91; and Theodore Nelson, 1891-92; presided over the destinies of the institution. The chief characteristics of this period were not the expansion of academic structure nor the erection of buildings, but noble character, unquenchable faith, and genuine scholarship. Under President Arthur Gaylord Slocum, 1892-1912, the modern development of the College began. The first modern building, Bowen Hall, was erected in 1902. Endowment funds, hitherto negligible, were raised, new educational facilities were provided, and the College became better and more widely known.

The presidency of Herbert Lee Stetson, 1912-1922, was marked by an immediate and radical reconstruction of the curriculum. Further important developments followed, including the purchase of new laboratory equipment, the erection of a gymnasium, the creation of a modern library, and the raising of additional endowment funds.

Under Dr. Stetson's guidance the College met successfully the problems arising out of the World War. At the close of the war enrollment had increased beyond any previous record and the College faced the critical need of expan-

* See Goodsell and Dunbar: Centennial History of Kalamazoo College.
A large program of expansion was formulated, but marked growth in the physical plant and equipment was not realized until the presidency of Allan Hoben, 1922-1935.

Dr. Hoben's administration was characterized by remarkable progress in several directions. Four major college buildings were erected: Mary Trowbridge House, the residence for women, Olds Science Hall, Mandelle Library, and Stetson Chapel. The gymnasium was enlarged to nearly twice its original capacity, and the president's house and seven faculty homes were built on the upper campus. Endowment funds were increased to nearly two million dollars, and student enrollment reached its highest peak. Educational standards were enhanced and the College received the highest academic recognition. President Hoben's ideals for the College were summed up in his own phrase, "A Fellowship in Learning," and a significant portion of them had been realized when the College celebrated its Centennial in October, 1933.

In September of that year Dr. Hoben's failing health demanded that administrative assistance be provided, and the Board of Trustees appointed Professor Charles True Goodsell, since 1928 head of the History Department, as Vice-President. Dr. Hoben died on April 29, 1935, and Professor Goodsell was appointed Acting President.

This interim period ended with the election, in June, 1936, of Stewart Grant Cole, for twelve years professor of Religious Education at Crozer Theological Seminary, Chester, Pennsylvania, as President. Dr. Cole was inaugurated as ninth president of the College October 17, 1936. After a brief administration of two years, Dr. Cole resigned in April, 1938, and in June of the same year the Board elected Dr. Paul Lamont Thompson, for five years president of Shurtleff College, Alton, Illinois, as tenth president of the College.

LOCATION—KALAMAZOO

The city of Kalamazoo, with a population of about 60,000, is situated at the great bend of the Kalamazoo river, where the stream turns north. It lies midway between Detroit and Chicago, on the Michigan Central railway. The surrounding hills, beautifully wooded, offer many attractions, numerous lakes are found in the vicinity, and the Michigan fruit belt lies near at hand to the west.

Kalamazoo is an industrial and transportation center of considerable importance. Train service is excellent in all directions, as is also interurban bus service.

The city offers exceptional educational and cultural advantages. Students are admitted to the regular concert courses of the greatest artists at nominal prices. The Civic Theatre maintains the legitimate drama and offers opportunity to amateurs. Its equipment is not surpassed in the entire country. The Kalamazoo Institute of Arts and the Kalamazoo Public Library enrich and serve the community in generous fashion, while the Kalamazoo Symphony Orchestra is known far and wide for its excellence. All of these advantages, over and above the work of the College, are available to the student at negligible cost.

The welfare and religious agencies of Kalamazoo are highly developed. The former offer extensive clinical and field experience to students in sociology and the latter provide adequate church connection, religious guidance, fellowship, and opportunity to students of all faiths. It is the policy of the College to work in close cooperation with all the churches and to conserve the religious life of the students through the medium of normal church relationships.

To afford students of demonstrated ability and proven serious purpose opportunities for carrying on studies of an investigatory or clinical character into the human relations problems arising in the organized activities of the community, in the governmental, industrial, business and social fields, there has been organized in the College the Human Relations Council. This group is composed of the dean of the college, the faculty members in political science, sociology, economics, history and psychology, the students admitted to participation in the work of the Council, and certain community advisers representing the different fields.
The college campus of over twenty-five acres lies between West Main and West Lovell Streets, in one of the best residence sections of the city. It is about a mile from the central retail district. Most of the buildings are located in a hardwood grove on the hill. The athletic field is at the eastern end of the campus on Michigan Avenue. There are four asphalt tennis courts on the lower campus adjacent to the gymnasium.

The college grounds are being gradually beautified in accordance with the plans of a landscape architect.

Bowen Hall

Bowen Hall, built in 1902, is the principal office and classroom building. On the third floor are located an assembly hall, a smaller assembly room, known as the East Room, and three nicely furnished rooms for the women’s literary societies. The assembly platform is well equipped for the presentation of plays by the Drama Club and by the classes in dramatics.

Biology Laboratories

The biology laboratories occupy four well lighted rooms on the first floor of Bowen Hall. Adjacent to these laboratories are store rooms, a large general lecture room, a photographic darkroom, a glass room, a preparation room, an office, and a conservatory. The department maintains a reading room where selected periodicals, many reprints, and papers of importance are kept on file. The work of instruction and research is carried on with the aid of suitable apparatus such as microscopes, binocular dissecting scopes, camera lucida, hand magnifiers, immersion lenses, paraffin baths, warming ovens, rotary celloidin and freezing microtomes, incubators, and other necessary appliances. Portable projection lanterns, charts, models, lantern slides, microscope slides, and illustrative collections are extensively used. A teaching museum of botanical and zoological material is maintained, in addition to a permanent exhibit of some two hundred mounted birds collected in Michigan, Indiana, and Illinois. Each year new apparatus and additional material are procured in order to facilitate a modern, efficient type of laboratory instruction.

Praeger Greenhouse

Through the generosity of friends, a greenhouse was erected in 1925 in honor of the late Professor William E. Praeger. It is conveniently located at the south side of Bowen Hall, is of the best modern construction, and measures twenty-five by eighteen feet. Long needed by the department of Biology, it makes possible experiments with living plants and provides housing for important illustrative tropical and semi-tropical forms of plant life. It also makes available fresh materials and specimens for the various courses in the department.

R. E. Olds Science Hall

The R. E. Olds Science Hall, built in 1927, houses the physics and chemistry departments. This substantial, fireproof building is the gift of R. E. Olds, a member of the Board of Trustees of the College. Both the building and its equipment embody the best that can be had for scientific study in these two fields. The structure, apportionment of space, exhaust system, electrical, gas and water service, supplies system, instruments, and technical apparatus were determined by thorough consideration of the present status of the two sciences to be served and with a view to thoroughness in grounding students in these sciences and carrying the ablest of them through advanced courses toward significant research.

The building and its equipment represent an expenditure of $200,000.

Chemistry and Physics Laboratories

On the basement floor of the Science Hall are the storage rooms for both chemistry and physics; also the machine shop
and a modern, well equipped laboratory for the general course in Dynamo Machinery. On the first floor are the physics lecture room, preparatory room, offices, mechanics and heat laboratory, photographic laboratory, central battery and switch-board room, laboratory for photometry, and three private laboratories for advanced students; on the second floor, the chemistry lecture room, stock rooms, balance rooms, offices, six private laboratories for advanced students, and general laboratories for quantitative analysis, physical chemistry, research, and physiological chemistry; on the third floor, stock rooms, balance rooms, and general laboratories for inorganic and organic chemistry and qualitative analysis. A Foucault pendulum tower in the center of the building provides for demonstrating the rotation of the earth.

For the course in astronomy a four-inch refracting telescope is mounted on a knoll about a mile south of the city limits where there is an unobstructed view of the whole sky and no interference due to electric lights. This telescope has an equatorial mounting, accurately divided circles, and electric-clock drive. The equipment for astronomy also includes a mechanical model of the solar system; a special globe to illustrate precession of the equinoxes; one hundred lantern slides; large-scale star maps, and a number of special devices for lecture-table demonstrations.

Stetson Chapel

On April 22, 1932, Founders Day of the College, the Stetson Chapel was dedicated. This beautiful building, costing $100,000.00, was made possible by the gifts of alumni and friends as a fitting tribute to the late Dr. Herbert Lee Stetson, for many years president of the College. The building is a combination of the New England meeting house style with an Italian tower. The auditorium seats 750 people. Daily chapel services, commencement exercises, sacred concerts, vespers, and Christmas carols are held in this building.

The Hoben Memorial Organ was installed in the Chapel in the fall of 1936. It is a comprehensive three-manual instrument, built by M. P. Moeller, Inc., thoroughly modern in all details, tonally a distinctive masterpiece, and graced with a console of unusual beauty. The organ is used regularly at the daily chapel services; in addition, weekly programs are presented by the College organist, and from time to time formal recitals are given by distinguished guest organists. The organ is available to organ students for practice.

Tredway Gymnasium

The substantial brick gymnasium was erected in 1911. The building contains office rooms, shower baths, locker rooms, and is provided with apparatus sufficient to care for the needs of the physical education classes and indoor sports of both men and women students.

During the summer of 1930 the gymnasium was remodeled and enlarged, and named the Arthur C. Tredway Gymnasium. This improvement was made possible by a generous bequest of $50,000.00 from the late Arthur C. Tredway, of the class of '98. The reconstructed gymnasium provides a playing floor of fifty by ninety feet and has seating accommodations for two thousand people.

The primary purpose of the gymnasium is the physical welfare of all the students rather than the development of small groups of expert gymnasts and athletes.

The central heating plant is housed in the basement of this building.

President's House

A brick residence of colonial type has been erected on the campus for the President's family. The house is beautifully situated at the extreme western end of the upper campus facing Academy Street and constitutes a distinct addition to the group of college buildings.

Seminar Homes

In harmony with the ideal of Kalamazoo College, a Fellowship in Learning, the trustees erected in 1927 four faculty homes on the southwest corner of the campus. These
homes, of the New England colonial type in brick and slate, are used in both the educational and the social program of the College.

The introduction of this idea proved so gratifying both to faculty and students, that in 1930 three additional similar homes were built on the west end of the campus.

**College Residences**

*For Men:*

Hoben Hall, the residence for men, is the gift of Mr. and Mrs. Enos A. DeWaters, '99 and '00, of Flint. It was opened and dedicated on January 20, 1937. It is a three story fire-proof brick structure with accommodations for one hundred sixteen men. On the first floor is the commodious lounge which may be used for receptions and parties, a central office, a suite of rooms for the supervisor, a guest room, and an infirmary.

The building is divided into two sections, connected only by the lounge on the first floor. Each section has a shower room and a lavatory on each floor. Most of the rooms are designed for two men but there are several which may be used as single rooms. The rooms are well lighted and completely furnished. A telephone is provided on the second floor of each section, and there is a buzzer in each room by which the occupants may be summoned. Two rooms for games are located in the basement.

*For Women:*

Mary Trowbridge House, a fire-proof residence for women, was occupied first in the school year of 1925-26. This is a beautiful building in the college grove at the head of Bulkley Street. It is modern in every respect and is attractively furnished. It makes a beautiful and comfortable home for seventy-eight young women, the house director, and the college nurse who is in charge of the health needs of the students. In addition to the individual rooms there are kitchenettes, a spacious living room, a guest room, a playroom, a sun parlor, and an infirmary.

**General Information**

*Mandelle Library*

By the will of Mary Senter Mandelle, of Stonington, Connecticut, the College received a bequest of $350,000.00 for the erection and maintenance of a memorial library. This building, called the Minnie Mandelle Memorial Library, is located at the northwest corner of the quadrangle. It was put into service with the opening of college in September, 1930, and was formally dedicated Sunday afternoon, November 2, 1930, as a part of the homecoming celebration.

The College now has not only ample and adequate physical facilities for the handling and housing of its library, but it possesses a library building of exceptional beauty as regards both its exterior and its interior.

The Mandelle Memorial Library building provides stack room for 90,000 books. It contains six seminar rooms, a club reading room for informal reading, several lecture rooms, an exhibition room for the Art department, and a room for faculty and trustees, in addition to the reference reading room, which accommodates fifty-six students, and the periodical room, which seats thirty-two. The total number of books on January 1, 1939, was 28,213, including 3,591 bound volumes of periodicals. Two hundred thirteen periodicals are regularly received, of which twenty-five are being bound for future reference.

The annual expenditure for books and periodicals is approximately $4000. In addition, other books, pamphlets, reports, and magazines are frequently received from various donors.

The open shelves in the reading room contain the general reference books and a large number of others. Students are also allowed free access to the stacks.

**Library hours:**

- 7:45-6:00 and 7:00-9:00 M., T., Th., F.
- 7:45-4:30 W.
- 7:45-5:00 Sat.
- 2:00-5:00 Sun.

The public library of the city is available to students of
the College, and the staff there is always willing to cooperate in any way with the college librarian. This fine library contains over seventy thousand volumes. It maintains, also, a splendid list of magazines and journals.

STUDENT ORGANIZATIONS

The students maintain many organizations under their own management. These provide excellent opportunities for recreation, fellowship, and practical experience. The College approves of participation in such activities to any extent which does not interfere with the student's academic work. Members of the faculty assist in the direction of several of the organizations; and a faculty committee, appointed by the President, audits the books.

Faculty approval is required before any new student organization may be formed.

The Student Body and the Senate

The Student Body is organized for the purpose of promoting extra-curricular activities, social events, and other projects of interest to the students.

Student Assembly, for which a definite time is set aside each week, is held for the discussion of, and action on, matters of general interest. Programs are presented frequently by the various student organizations and by outside speakers and musicians.

The officers of the Student Body consist of a president, a secretary-treasurer, and the student managers of athletics, forensics, music, and publications. The student managers work in cooperation with various faculty committees for the promotion of extra-curricular activities.

The Senate is the executive committee of the Student Body. It consists of the elected officers, a representative of each of the classes, and the president of the Women's League. The all-college social affairs are in charge of a committee of the Senate. A committee on student religious activities is also appointed.

Women's League

The Women's League was organized in 1929 for the purpose of uniting all women in the projects which concern the social, musical, athletic, and philanthropic activities of women students. These activities include the arrangements for welcoming new women; the Ginling banquet and the scholarship for a student in Ginling College; the Christmas party for needy children; the May Fete; and any welfare or social activities in which the assistance of Kalamazoo College women may prove helpful. All undergraduate women are members of the League.

A League Council, composed of the elected officers, appointed committee chairmen, two women faculty members, and the Dean of Women, meets regularly once a month to transact the ordinary business of the League. The entire League meets at least once each semester for a business, educational, and social program.

Literary Societies

There are six societies, which provide social and literary activities for the students. The men's organizations are: the Sherwood Rhetorical Society, founded in 1851, the Philolexian Lyceum, founded in 1855; and the Century Forum, founded in 1900. The women's societies are: the Eurodelphian Society, founded in 1856; the Kappa Pi Society, organized in 1906; and the Alpha Sigma Delta Society, which was formed in 1920. The regular meetings, scheduled for Wednesday evening of each week, include business, literary, and social programs. Each society holds occasional open sessions to which new students and friends are invited. Five rooms in Bowen Hall and one in Tredway Gymnasium are available for the use of the societies, thus enabling each organization to have a regular meeting place.

Musical Organizations

The College Singers, a group of mixed voices, function as the choir at the daily chapel services, presenting special
musical programs from time to time. Their repertoire also includes secular choral works. The singing of a major oratorio or cantata is a regular Lenten feature, and programs are given off campus on occasion.

The Men's Glee Club was organized in 1906 to promote an interest in choral music among the men of the College. Regular rehearsals are held under a faculty director. Concerts are given in various parts of the state, and a tour is made during the spring vacation. Membership is determined by competitive try-outs in the autumn.

The Gaynor Club is composed of women of the College who enjoy singing and show ability along that line. Members are chosen after try-outs held at the beginning of the college year. The club serves as a nucleus for the Women's Chorus, which presents the annual carol service in Stetson Chapel. All college women are eligible to sing in the chorus. The Gaynor Club provides music for various college and community affairs.

Players of strings, wood-winds, and other orchestral instruments are offered in the Orchestral Ensemble opportunity to gain ability and experience in the playing of classic and chamber-music repertoire. A string trio and smaller ensembles, formed from the larger group, broaden the field of work for the more proficient players. These units provide music at various functions as need may arise. Admission is by competitive try-outs under the supervision of the Director.

The forty-piece College Band is under the direction of a member of the faculty. In addition to providing music for athletic contests, parades, and festivals, the band undertakes a serious study of some of the best overtures and selections. Several concerts are given during the year and trips are taken. Uniforms and some of the instruments are provided by the College. Students having some ability and experience in band work are admitted after consultation with the Director.

Other Student Organizations

The Physical Science club holds meetings twice each month, at which papers on problems and investigations of current interest are presented by students, faculty members, or recent graduates.

The International Relations club was organized in the fall of 1921, under the direction of the Carnegie Endowment for International Peace. This club is composed of a faculty committee and such students as are particularly interested in matters of international importance. The members discuss questions of international interest, review books, and read papers of current importance. The club also endeavors to bring to the College each year one or two noted lecturers upon international topics.

The K club is composed of all present and former men who have received their college letter for distinction in athletics. In order to win a K the athlete must possess good scholarly and moral qualities, as well as marked ability in physical contests. The emblem is given upon the recommendation of the department of Physical Education when confirmed by the Athletic Board of Control. No awards are made, however, prior to the completion of one semester's work in the College.

The Society of Caduceus, organized in October, 1937, is one of the newer groups on the campus. According to its written constitution, its objects are "the promotion of a finer fellowship among the men of the College who are interested in gaining a broader association with the medical profession—its various aspects and requirements, and the stimulation among the entire college body of a wider and more intelligent interest in the problems, achievements, and functions of contemporary biological science." Meetings are held on Thursday evenings twice a month, and the programs consist of lectures by prominent professional men, educational motion pictures, joint meetings with other interested organizations, business meetings, and informal discussions. A li-
Kalamazoo College Library of catalogues of the various approved medical schools has been established and will be kept up-to-date.

Student Publications

The Kalamazoo College Index is a weekly paper published by the student body under the direct management of an elected board of editors working under the Board of Student Publications, which is a joint committee of student and faculty representatives. The paper contains student, faculty and alumni news, and editorial comment on matters of student and general college interest. The Editor-in-Chief and the Business Manager receive some slight financial remuneration for their work.

The college annual, known as the Boiling Pot, is published by the student body. It contains many illustrations and records of all student extra-curricular activities.

Religious Life

Kalamazoo College is dedicated to the ideal of Christian higher education. It was founded as a Christian institution and has maintained the religious emphasis during all the years of its existence. The College holds that vital religion is consistent with the highest learning, and, what is more, that education without religious anchorage and control is not only imperfect but dangerous.

Although Kalamazoo College is a contribution of the Baptist denomination to higher education in Michigan, it is, and always has been, unmistakably non-sectarian, striving without denominational bias to develop in its students a Christian philosophy of life and to maintain such influences as will tend to build up strong Christian character.

To this end, a chapel service is held four days each week and courses in religion are offered. The religious activities of the College are organized under the direction of a faculty committee and a student committee, working in close cooperation. Since Kalamazoo is an important educational center, religious work for students is maintained jointly by the Baptist, Methodist, and Presbyterian denominations. Organized in what is known as “The Interchurch Student Council,” with a full-time director, Dr. H. Lewis Batts, this movement, by means of its varied program, ministers effectively to the religious needs of students.

In addition to this cooperative program, all of the various churches of the city welcome students and provide special facilities for them. The policy of the College is to encourage students to maintain normal church relationships.

But beyond these more formal expressions of its religious purpose, the College endeavors to create and maintain an environment conducive to high thinking and right living, wherein every relationship is permeated by the Christian spirit. The members of the faculty are men and women of genuine Christian character, and the warm, personal interest existing between the student and the instructor is a practical expression of the spirit of the Great Teacher.

Dramatic and Forensic Activities

Kalamazoo College is a member of the Michigan Association of Non-Professional Theatres and of the Michigan Intercollegiate Speech League which includes the following: Michigan Intercollegiate Debate League, Michigan Intercollegiate Oratorical League, Michigan Extemporaneous Speaking League, and Michigan Interpretative Reading League. The College, likewise, participates in the Peace Oratorical Contest. Through the M.I.S.L., affiliation is held with the Interstate Oratorical League. Kalamazoo College has the Michigan Alpha chapter of Pi Kappa Delta, the national honorary forensic society. During 1938-39 students represented the College in sixty debates, discussions, and oratorical contests in Illinois, Michigan, and Wisconsin.

All students who are eligible may participate in the many curricular and extra-curricular dramatic and forensic activities on the campus. A Drama Club is open to all students interested in dramatics. Two or three long plays or musical comedies and several short plays are produced each season.
In 1938-39 the Departments of Music, Physical Education for Women, and Speech joined in producing "H.M.S. Pinafore."

Freshmen, as well as other students, are permitted to try out for oratory, debate, extemporaneous speaking, and interpretative reading. Successful candidates represent the College in numerous state, interstate, and national contests, thus gaining valuable experience in effective public speaking.

The Student Speakers Bureau offers an opportunity to qualified students in any field of study to appear on programs of service clubs, schools, churches, women's clubs, and fraternal organizations in the communities of southwestern Michigan. The Bureau supplies upon request after-dinner speakers, debaters, readers of prose and poetry, forum and panel discussion members, lecturers, and musicians.

College Radio Program

Faculty members and students unite in presenting a weekly broadcast from station WKZO. A staff of student announcers organizes the program and directs each broadcast under the guidance of a faculty committee. An attractive pamphlet, issued each semester, lists the titles of the various programs together with the speakers or persons in charge.

ATHLETICS

Intercollegiate contests are favored for the stimulation of physical education, college spirit, and rigorous discipline. Such contests, however, are regulated by the department of Physical Education, subject to the approval of the faculty committee on Athletics. They are subordinate to the academic interests of the contestants and of the College as a whole, and are conducted on a high plane of sportsmanship. Eligibility rules are strictly maintained, and students whose college work is unsatisfactory are not allowed to take part in intercollegiate contests.

In order to secure these ends, the department of Physical Education, inclusive of intercollegiate athletics, is conducted as any other department of the College.

It is more and more the aim of the College to encourage healthy sports and outdoor life for all students. More important than the success of any team engaged in intercollegiate contests is the training of every student to live a vigorous and effective life. The College is striving to place emphasis on a play and health program for everyone. A schedule of contests in intramural sports is arranged each year. The literary societies for both men and women also sponsor a program of intersociety athletic contests during the late winter and spring.

HEALTH SERVICE

The College seeks to safeguard and improve the health of its students. To this end a college nurse and a board of college physicians are provided. Regular physical examinations are given and free medical service is available on the campus at scheduled hours. However, the student is expected to consult his own physician in cases of serious illness. There is an infirmary in each of the student residences. Each student attends during his first year a series of lectures on personal health and hygiene given by the college physicians and under the direction of the Department of Physical Education and Health.

RESIDENCE AND BOARDING

All out of town students are expected to live in the college residences and board in the college dining hall unless excused by the faculty committee on Student Residence. Rooms and board are not provided during any of the listed vacation periods except the Thanksgiving recess.

Applications and Deposits:

Application for a room, accompanied by $10.00 as a reservation fee, should be made early to the Business Manager as rooms are assigned in the order of seniority in college and of applications received. Applicants will be notified of their acceptance about July 15. No fees will be returned
after this date because of change of plans on the part of the student, except in case of illness serious enough to prevent the applicant from entering this or any other college. For statement of fees, see page 33.

Men:

In the rooms in Hoben Hall, the residence for men, each occupant has a single bed, with bedspread, comfortable springs and mattress; a study chair, and an easy chair. A large double study desk, one of the newest type study lamps, and window drapes are provided for each room. Book shelves and dressers are built into the walls. Bed linen and maid service are furnished by the College. The student is expected to provide his own blankets and towels.

A key deposit of fifty cents is required, and is refunded when the keys are returned.

House dues of $1.00 per year, payable at the opening of the fall semester, are levied. This fund is used to maintain the table games, to finance social events, and to supply magazines and newspapers for the lounge. The house fund is in charge of a Treasurer of the Hall, elected by the men.

Women:

Each room accommodating two persons is comfortably furnished with twin beds, regulation study table, chairs, mattresses and pillows. Bed linen and maid service are also provided. The student is expected to provide her own blankets, spreads, towels, window curtains and closet curtains.

A key deposit of twenty-five cents is required and is refunded when keys are returned.

House dues of fifty cents a semester are collected by the house treasurer and are used for newspaper and magazine subscriptions and such other expenses as are approved by the house council.

Special rooms:

In both men’s and women’s residences an additional charge of $28.00 per semester is made for the privilege of occupying a double room alone.

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Student Government:

The men in Hoben Hall and the women in Mary Trowbridge House are organized under a student government plan, which includes officers and a house council.

COLLEGE FEES

Per Semester

Student resident on campus ........................................... $315.00

This includes room, board, tuition, matriculation, graduation, music, library, laboratory and other academic fees. It also includes senate dues, women’s league dues, health service, forensics, the Index, and admission to athletic contests. It does not include personal laundry, toilet articles, books, stationery, etc.

Student not resident on campus ....................................... $135.00

This includes the same as the above except room and board.

In making a flat charge as shown above, the college is endeavoring to avoid the confusion that many parents and students have experienced in the past when separate fees were charged for many different things.

Payments and Refunds

College fees for each semester are due in full at the opening of the semester. If desired campus resident students may arrange to pay $105 at the beginning of each semester, $105 at the end of the first 6 weeks, and $105 at the end of the first 12 weeks. Students not living on the campus may arrange to pay $45 at the beginning of each semester, $45 at the end of the first six weeks, and $45 at the end of the first 12 weeks.

Refunds are not made except in case of prolonged illness of the student, necessitating an absence of one-half semester or more. In no case is more than one-third of the total amount for the semester refunded.
STUDENT AID

In order to assist deserving students to avail themselves of the benefits of higher education the Board of Trustees of the College has set aside certain funds, the income of which, together with that from various specifically designated gifts, is disbursed in the following forms:

1. Scholarship funds given for excellence in academic work. High School seniors who have attained an average grade of B or better for the four years' course, and who rank in the upper tenth of their classes, are eligible to apply for scholarships. The maximum value of a scholarship is $100.00 per year, and the minimum value is $50.00 per year, depending upon whether or not the recipient boards and rooms with the College. Out-of-town students, however, are required to board and room with the College unless expressly excused by the deans. If, in the judgment of the Scholarship Committee, the recipient's record warrants the continuance of the scholarship, it may be renewed each year for the next three years. Candidates are required to make written application. Blanks for this purpose will be sent upon request.

2. Loans without interest, during the college course. These loans are not made to first year students.

3. Wages for service as assigned.

Students are also aided by the Business Office or the Office of the Dean of Women in finding opportunities to earn money off the campus toward meeting college fees.

THE UPJOHN RESEARCH SCHOLARSHIP

The Upjohn Research Scholarship in Chemistry, amounting to $750.00 a year, is awarded by the Upjohn Company of Kalamazoo to a graduate of the College recommended by the department of Chemistry. The work done by these scholars in the research laboratory of the Upjohn Company is in pure Chemistry, is supervised by the Research Director for Upjohn Scholars, and leads to the degree of Master of Science. Fees amounting to $35.00 for the year are paid by each scholar.

THE PRAEGER FELLOWSHIP IN BIOLOGY

On the occasion of his retirement in 1934, friends and former students of the late Professor William E. Praeger, with the cooperation of the University of Michigan, endowed a fellowship bearing his name, in order to enable worthy students of Kalamazoo College to take advantage of the opportunities offered for a summer's study at the fresh water biological station of the University of Michigan at Douglas Lake. This field work, which is conducted under most favorable conditions, may be taken for graduate or undergraduate credit and is of inestimable value.

The Praeger fellowship is awarded annually to a junior or senior whose work in the biological sciences has been outstanding.

THE TODD-GILMORE FELLOWSHIP IN MUNICIPAL ADMINISTRATION

This fellowship, the gift of the Hon. Paul H. Todd and Mr. Donald S. Gilmore, both trustees of the College, is awarded to a graduate of an approved college or university. The fellow under this award is assigned to the staff of the Kalamazoo Bureau of Municipal Research where his theoretical study of government administration is supplemented by contact with the processes of a functioning governmental unit. Applicants who have completed an honors major in Public Administration may expect to complete the work for the Master's degree in one year. The fellowship carries a stipend of $600.00 for the year. From this amount the regular college fees must be paid. Applications should be filed by March 15. Blanks may be obtained by writing the Secretary of the Faculty, Kalamazoo College, Kalamazoo, Michigan.
THE ARTHUR L. BLAKESLEE SCHOLARSHIP IN MUNICIPAL ADMINISTRATION

This scholarship, the gift of Mr. Arthur L. Blakeslee, mayor of the city of Kalamazoo, is awarded to a graduate of an approved college or university. The recipient of this award is assigned to the staff of the Kalamazoo Bureau of Municipal Research where his theoretical study of government administration is supplemented by contact with the processes of a functioning governmental unit. Applicants who have completed an honors major in Public Administration may expect to complete the work for the master's degree in one year. The scholarship carries a stipend of $400 for the year. From this amount the regular college fees must be paid. Application should be filed by March 15. Blanks may be obtained by writing the Secretary of the Faculty, Kalamazoo College, Kalamazoo, Michigan.

ADMISSION

Applications for admission should be directed to the Registrar. The faculty committee on Admissions acts on all such applications. It is expected that all applicants will fulfill the following requirements. Under exceptional circumstances, however, mature persons without regular preparation for college entrance are permitted to pursue special studies.

1. The applicant must present a certificate of physical examination indicating physical fitness to do college work.

2. The applicant must show that in pursuing his educational and vocational program he stands to profit from the offerings of this College.

3. The applicant must apply for admission on blanks furnished by the College and must certify his willingness to accept the standards of conduct maintained in this institution.

4. The applicant must be a graduate of an approved high school or preparatory school, and must be recommended by the school authorities as possessing the ability to do college work.

5. The applicant is expected to have completed in a creditable manner a course of secondary school studies which is in accord with one of the following plans.

Plan 1: Under this plan, students applying for entrance must present by certificate from approved schools or by examination 15 units of entrance credit including the following:
- English, 3 units.
- Foreign Language, 2 units of one language.
- Algebra, 1 unit.
- Geometry, 1 unit.
- History, 1 unit.
- Laboratory Science, 1 unit (Physics, Chemistry, Botany or Zoology).

At least 12 of the fifteen units offered must be in academic subjects.

Plan 2: Under this plan the total amount of work required for admission remains the same as under Plan 1, fifteen units, but is stated in the form of specified sequences. Subjects taught in high school are classified into five groups, and students may select their sequences from these groups. A minimum of four sequences must be presented, which must include a major sequence from Group A and at least one other major sequence. Not more than one of these required sequences will be accepted from any one group except Group B. Sequences may be presented from two languages.

A. English. A major sequence of three or more units.

B. Foreign Language Group.

A major sequence consists of three or more units of a single language; a minor sequence consists of two or two
and one-half units of a single language. The foreign languages acceptable for a sequence are Greek, Latin, French, German, and Spanish.

C. Mathematics-Physics Group.

A minor sequence in this group must include one unit of Algebra and one unit of Geometry. A major sequence is formed by adding to this minor sequence one or more units from the following:

- Advanced Algebra $\frac{1}{2}$ or 1 unit, Solid Geometry $\frac{1}{2}$ unit, Trigonometry $\frac{1}{2}$ unit, Physics 1 unit (if not counted in group D).

D. Science Group.

Any two units selected from the following constitute a minor sequence and any three or more units constitute a major sequence.

- Physics, 1 unit (if not counted in group C).
- Chemistry, 1 unit.
- Botany, 1 unit.
- Zoology, 1 unit.
- Biology (Botany $\frac{1}{2}$ unit and Zoology $\frac{1}{2}$ unit), 1 unit.

If Biology is counted in these sequences neither Botany nor Zoology can be counted.

E. Social Studies Group.

A total of two or two and one-half units selected from the following constitutes a minor sequence, a total of three or more units a major sequence.

- Ancient History, 1 unit.
- European History, including English History, 1, $1\frac{1}{2}$, or 2 units.
- *American History, $\frac{1}{2}$ or 1 unit.
- *American Government, $\frac{1}{2}$ unit.
- *Economics, $\frac{1}{2}$ unit.

*Half units in the social studies are acceptable as part of a sequence only if taken in the 11th or 12th grade.

The remaining units required to make up the necessary fifteen units are entirely elective from among the subjects listed above and any others which are counted toward graduation by the accredited school.

The Committee on Admissions has authority, with the consent and approval of the departments of instruction most intimately concerned, to accept other courses as substitutes for certain of the units listed in the various groups. Only courses well organized and competently taught will be considered, and any school desiring the privilege of such substitution for its graduates should furnish the Committee with detailed descriptions.

Under this plan greater responsibility is placed upon advisers and students in high school for so choosing subjects as to make it reasonably certain that students entering college will not find themselves unable to take certain courses because of failure to secure the necessary preparation for the advanced work. This is particularly true in regard to mathematics, as elementary algebra and plane geometry are not taught in the College.

**FRESHMAN INDUCTION PROGRAM**

All first year students are expected to be present at the Freshman assembly in Stetson Chapel on Monday, September 18, 1939, at 9:00 a.m. and to participate in the orientation program. This program includes a series of tests for all first year students, conferences with faculty members, and talks by members of the student body and staff of the College. Meetings are held on successive Wednesday evenings during the early part of the semester, at which the new students become acquainted with the history, aims, and organization of the College, the use of the library and laboratories, the campus traditions, the opportunities offered by the student organizations, and the cultural activities in the city. The faculty-new student dinner and other social gatherings provide opportunities for all to become acquainted before the academic work begins.
ADMISSION TO ADVANCED STANDING

A student who desires credit for work done elsewhere must file with the Registrar a written application for the adjustment of his credits. This application and detailed evidence of the work on which credit is desired must be placed in the hands of the Registrar during the first semester of residence.

A student coming from another college must present a certificate of honorable dismissal and a formal statement of his college record. No candidate for the bachelor's degree may enter later than the beginning of the senior year.

The College Program

COUNSEL AND GUIDANCE

Each new student is assigned to a faculty adviser by the deans at the beginning of the college year. These assignments are made on the basis of interests as indicated on the applications for admission. Opportunity is given students to change advisers if they desire to do so. After the student selects his major field of study, he is expected to select as his adviser one of the members of the faculty teaching in this field.

Cumulative records are made of the student's activities and achievements. Psychological, personality, and vocational aptitude tests are given under the direction of the faculty Personnel Council. Physical examinations are given at regular intervals and a careful record of the health of the student is kept. Using this data, the deans and the faculty advisers seek to provide helpful and intelligent direction and guidance for each student, based upon his peculiar interests, needs, and capacities. The materials assembled in the cumulative record also are used by the Placement Bureau in assisting students to find opportunities for further study or employment upon graduation from college.

Members of the faculty are in their offices at regular hours for conferences with students. In addition to this, students are frequently invited to the faculty homes, and faculty members are often visitors at the college residences. A coffee hour in the lounge of Hoben Hall twice each week provides a further opportunity for friendly fellowship between students and faculty. Vocational counselors are brought to the campus each year to confer with students.

STUDENT CONDUCT

Kalamazoo College seeks to develop in the individual student that keen sense of personal responsibility which
makes for good citizenship in a democratic society. By be­
coming a useful and cooperative member of the college com­
munity, the student prepares himself to be a desirable member
of that larger society which he enters upon graduation. He
learns to respect the rights of others and to be tolerant of
beliefs and ideas which differ from his own. The college
concerns itself with the task of cultivating good manners and
the social graces in its students. For these reasons the expe­
rience of living together in the college residences is considered
an important part of the educational program of the college.

The college reserves the right to dismiss any student who
does not maintain high standards of personal conduct or
who refuses to respect the rights of his fellow students.

CHAPEL
The college chapel services are a vital part of the educa­
tional program. Religious devotions, fine music, and in­
spiring talks by faculty members and outside speakers are
included in the chapel programs. Chapel is held four times
a week for twenty minutes and all students are required to
attend regularly. Everything sectarian or offensive to mem­
bers of any particular religious faith is rigidly excluded.

STUDENT ACTIVITIES
Student activities, carried on under faculty supervision, are
regarded as an integral part of the college program. They
provide varied opportunities for wholesome self-expression.
Every student is encouraged to participate in at least one
activity each year. The number of such activities in which
he may take part is determined, in conference with his faculty
adviser, according to his individual tastes and capacities, his
academic load, and the amount of self-help employment
which he has. These activities include varsity, freshman, and
intra-mural sports, band, orchestral ensemble, college singers,
oratory, debate, extempore speech, interpretative reading,
dramatics, work on the college paper or yearbook, inter­
national relations club, physical science club, Caduceus so­
ciety. The elective offices of the student body, the four
classes, and the literary societies often carry considerable
responsibility and are also considered in determining the total
load which a student may carry.

SCHOLARSHIP
Students are expected to be present at all regular class or
laboratory sessions of the courses which they elect. There is
no system of allowed absences. A student who finds it neces­
sary to be absent should confer with the instructor. Instruc­
tors report to the dean any student who has three consecutive
absences and warn any student whose absences have reached
a point where his class standing is endangered. If such
warnings are disregarded, the student may be excluded from
the class.

The college reserves the right to dismiss any student who
is unwilling or unable to maintain reasonable standards of
work. Students admitted on trial or placed on probation
during any college year must show steady improvement in
their work. A student is automatically dropped at the end
of his second year if on account of poor scholarship he has
failed to earn at least forty hours and forty quality points.

EXAMINATIONS
At the end of each semester students are examined in all
the studies of that semester. These examinations are written
and usually last from two to three hours. A student reading
for honors may be excused from course examinations in the
field of study in which he is working. In lieu of these, a
comprehensive examination is taken at the close of the senior
year.

Supplemental examinations for students with standing E
are held twice during the college year, on the first Wednesday
of the fall semester, and on the first Wednesday following
the spring recess. These examinations are given at 1:30 p.m.,
and are in charge of a proctor appointed by the dean.
STANDINGS

The student's standing is found by combining the examination, class, and laboratory records. Every student receives a report card at the end of each semester on which the standing is expressed by the letters A, B, C, D, E, F, and I. A signifies a high standing; B, good; C, fair; D, passed; E, condition; F, failure; I, incomplete. A gives three quality points per credit hour; B, two; C, one; and D, none.

Students with standing E in any course are given one opportunity to receive credit with D standing by passing satisfactorily a supplemental examination; but unless this supplemental examination is taken and passed satisfactorily before the course is given again the grade E automatically becomes F. Students with standing F receive no credit for the course; those with standing I may receive credit on completion of a definite portion of the work of the course before a date fixed by the instructor; but unless removed before the end of the following semester, an I automatically becomes an F.

Reports of grades are sent regularly to parents or guardians at the close of each semester, and, on request, to the schools in which the students were prepared.

THE COURSE OF STUDY

The course of studies leading to the bachelor of arts degree is designed to give the student a general understanding of the major divisions of the curriculum and to provide for a considerable measure of concentration in some one department or field of study.

During the first two years of the course general education is stressed. The student is required to elect courses in different divisions, with options which allow for differences in individual preparation and tastes. He is also expected to take such elementary or intermediate courses in his proposed field of concentration as will later make possible the successful completion of his major work. During the last two years the student is expected to devote the major portion of his time to the field or department in which he desires to specialize, although opportunity is provided for broadening by means of free elections in other departments.

Individualized Courses

In order to make the college course more flexible, and especially in order to give the student freedom to pursue a subject as rapidly as his ability permits, the Faculty has approved the development of individualized courses in which the needs and interests of the students may be adequately served. These courses are announced by the different departments, with a statement regarding their nature and content and the amount of credit to be given, it being understood that the actual work may vary in individual cases and from year to year. Such courses are uniformly numbered 191-199.

Concentration

In order to provide for some degree of concentration in the college course, each student, near the end of the sophomore year, selects a major subject to which he intends to devote his particular attention. The student may do his major work in a certain department or in a field of study which embraces work in two or more related departments. If he does his major work in one department he must complete at least twenty-four hours of work in that department with a grade of C or better in each course. If he chooses to do his major work in a field of study he must complete at least forty hours of work in that field with a grade of C or better in each course. In either case the work must be distributed through at least four semesters. Not more than forty hours of work in any one department may be counted toward graduation. If the student does his major work in a department he must also complete two minors of twelve hours each, one of which must be in a department which is not in the same division as his major. If the student does his major work in a field of study, he must complete one minor of twelve hours in a department unrelated to his major work.
The choice of major and minor subjects may be changed later in the college course for good reason.

Requirements for the Bachelor of Arts Degree

1. All candidates for the degree of Bachelor of Arts must complete satisfactorily 120 semester hours* of work with 120 quality points (See page 44), including the following:
   a. Six hours of Rhetoric 1, 2, unless permission is given to substitute an equal amount of advanced work in rhetoric.
   b. One year's work of at least eight hours in a laboratory science.
   c. One year's work of at least six hours in one of the following departments: history, economics, sociology, political science, or religion.
   d. One second year course of at least eight hours in a modern foreign language; and either one other year of at least six hours in foreign language, or six hours in English in addition to that mentioned under a above. In making recommendations for university graduate fellowships, preference will be given to those graduates of the College who possess a good reading knowledge of French and German.

   The above required work should be taken as early in the course as possible and it must be completed before the beginning of the senior year.
   e. A major of at least twenty-four and not more than forty hours in one department with standing C or better in each course, extending over at least four semesters.
   f. Two minors of at least twelve hours each, one of which must be in a department which is not closely related to that of the major.

   g. In lieu of e and f above, the student may with the approval and upon the advice of his adviser elect to complete a group major of at least forty hours and an unrelated minor of twelve hours.

2. Two years' work in physical education and hygiene is required. It is expected that this work will be completed during the first two years of the course.

3. All college fees must be paid before the degree is conferred.

4. All candidates for the Bachelor's degree are required to earn in residence at least thirty hours and thirty quality points and to spend their last semester at this College. Students who at the end of their last semester lack not more than eight hours of completing the requirements for the degree, may, by special arrangement, be permitted to complete their requirements at a recognized summer school of collegiate rank.

REGISTRATION AND ELECTION OF STUDIES

Before entering upon class room work students are required to enroll with the Registrar, to file an election blank approved by their faculty adviser, and to pay at least one third of the semester's fees in advance. These three things constitute registration.

Registration of new students will occur on Tuesday, September 19, 1939. Other students are required to make their elections for the first semester one week before the beginning of the June examinations and for the second semester one week before the beginning of the January examinations. A fee of one dollar is charged for late elections.

Changes in election are made with the approval of the adviser, but changes made after the first week in any semester are subject to a fee of one dollar. A course dropped after the sixth week is recorded as a failure except by special action of the faculty.

No credit is recorded for any course not properly elected.

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* A semester hour is defined as a subject of study pursued through one semester of eighteen weeks with one prepared class exercise a week. Two or three hours of laboratory work are equivalent to one prepared class exercise.
Students may not elect less than fourteen or more than seventeen hours of work without the approval of the faculty committee on scholarship. No student is permitted to elect more than seventeen hours of work who received a grade of E or F in any course the previous semester.

**FRESHMAN ELECTIONS**

1. All first year students are required to elect Rhetoric 1, 2, and Physical Education 1, 2.
2. Each student will choose one course each from a and b, and four or five hours from c.
   a. A foreign language, four hours each semester. This must not be a repetition of work already credited for admission.
   b. A laboratory science, four hours each semester or Mathematics 1, 2. (It must be distinctly understood that a laboratory science is required for graduation while mathematics is not so required.)
   c. Four or five hours from the following:
      - Latin 1, 2; 3, 4; or 5, 6.
      - French, 1, 2, or 3, 4; German, 1, 2, or 3, 4.
      - Biology, 1 or 3, 4; Chemistry, 1, 2; *Physics 1, 2.
      - Mathematics, 1, 2; History, 1, 2, or 3, 4.
      - Art, 1, 2; 11, 12; Religion, 1, 2; 5, 6; 7.
      - Music, 1, 2; 5, 6; 13, 14; or Ensemble work.
      - Speech, 11, 12; 31, 32; or work in Dramatics.

**GRADUATE STUDY**

Kalamazoo College offers work leading to the degree of Master of Arts or Master of Science to qualified students in certain fields of study. Graduate work is carried on only in those fields in which adequate library and laboratory facilities are available. The Bureau of Municipal Research, the Upjohn library and laboratories, and the Kalamazoo State Hospital provide special facilities for students desiring to do graduate work at the College in political science, chemistry, or sociology. A student desiring to undertake graduate work should consult the head of the department in which he desires to study. Graduate students pay the same fees as undergraduates.

**Requirements for the Master's Degree**

1. A candidate for the Master's degree must be a graduate of the College or of another college in good standing, and must have a major of undergraduate work in the proposed field of study. In addition, the candidate must satisfy the Committee on Graduate Work that he has the necessary ability and background to do graduate work.
2. The candidate must complete at least one full year of resident graduate work of high quality.
3. The proposed course of study for the Master's degree must be submitted to the Committee on Graduate Work for approval within the first two weeks of the school year.
4. A thesis or research report is required. The completed thesis must be approved by the department concerned not later than May 20th, and one bound copy presented to the College library before the degree is conferred.
5. The candidate must pass a satisfactory oral examination on his course of study. This examination is conducted by the major instructor and at least two qualified assistants.
The Curriculum

The academic offerings of the College include four major divisions in addition to the department of Physical Education and Health.

The order in which the divisions appear and the several departments of instruction under each, are as follows:

I. LANGUAGES, LITERATURE, AND THE ARTS
   English, French, German, Latin, Art, Music, Speech.

II. NATURAL SCIENCES AND MATHEMATICS
    Biology, Chemistry, Physics, Mathematics.

III. PHILOSOPHY, PSYCHOLOGY, AND RELIGION
     Philosophy, Psychology, Religion.

IV. SOCIAL SCIENCES
    Economics, History, Political Science, Sociology, Education.

Each division constitutes an area of knowledge with which every student is expected to cultivate some acquaintance prior to graduation. Within each division are departments of instruction, representing specific aspects of knowledge in that area. But there is often a close relationship between departments in different divisions, and because of this fact the College permits work in certain courses to be credited in either of two divisions at the option of the student. It is also possible for a student to select a field of concentration which cuts across both departmental and divisional lines, the only requirement being that the field of study selected must have a definite element of unity.

Courses numbered under 100 are primarily of an elementary or intermediate character; those numbered above 100 are of an advanced nature.

The College reserves the right to withdraw any course for which the registration is considered insufficient.

ENGLISH

I. DIVISION OF LANGUAGES, LITERATURE, AND THE ARTS

   ENGLISH
   PROFESSORS SIMPSON AND MULDER, ASSISTANT
   PROFESSOR WORTH, MRS. SEIFERT, MRS. JUDSON

1. Literature

   Course 1, 2 is prerequisite for all other courses in English Literature. Course 103, 104 is required for a major in English.

   1, 2. Introduction to Literature.
   An appreciative examination of masterpieces exemplifying each of the major types of English literature. First semester, the epic, the drama, the metrical romance, the novel. Second semester, the essay, the ballad, the lyric. Prerequisite, Rhetoric 1. Three hours throughout the year. 10:30 M., W., F.; and 11:30 T., Th., S.
   Mr. Simpson.

   103, 104. Elizabethan Drama.
   First semester, representative pre-Shakespearean and earlier Shakespearean dramas. Second semester, the maturer dramas of Shakespeare and of his more important contemporaries and immediate successors. Required of all English majors. Three hours throughout the year. 8:00 T., Th., S. Omitted 1939-40.
   Mr. Simpson.

   105, 106. American Literature.
   A comprehensive study of the development of literature in America from its colonial beginnings to the close of the nineteenth century. Special attention to the writers of the Concord group, and to the growth of the short story. Three hours throughout the year. 11:30 M., W., F. Omitted 1939-40.
   Mr. Mulder.

   First semester, the poetry of Landor, Mrs. Browning, Tennyson, with major emphasis upon Tennyson. Second semester, the poetry of Arnold, Browning, Swinburne, with major emphasis upon Browning. Three hours throughout the year. 8:00 T., Th., S. Offered 1939-40.
   Mr. Simpson.

   An intensive study of the poetry of Wordsworth and of Coleridge; also a careful examination of the prominent poems of
Byron, Keats, Shelley, and of the significant essays of Lamb, Hazlitt, DeQuincey, etc. Three hours, first semester. 11:30 T., Th., S. Omitted 1939-40.

111. The Development of the English Novel.
A survey, by means of an examination in chronological order, of representative novels of the outstanding novelists, of the development of the English novel as a distinct literary form from John Bunyan to Thomas Hardy. Three hours, first semester. 11:30 M., W., F. Offered 1939-40.

112. The Contemporary Novel.
An examination of representative novels exemplifying the more important trends of prose fiction in Europe and America since 1890. Three hours, second semester. 11:30 M., W., F. Offered 1939-40.

113, 114. Modern Drama.
A study of the outstanding dramas of Europe and America from Ibsen to the present time, with major emphasis upon Ibsen, Shaw, and O'Neill. Three hours throughout the year. 1:30 M., Th., F. Offered 1939-40.

115. The Poetry of the Age of Milton.
A comprehensive study of the poetry of Milton and of his more important contemporaries. Three hours, first semester. 2:30 M., Th., F. Offered 1939-40.

116. Seventeenth Century Prose.

117. The Literature of the Eighteenth Century.
A survey of the prose, exclusive of fiction, of the more important writers of the eighteenth century, together with an examination of the development and decline of the neo-classical and the rise of pre-romantic poetry. Three hours, first semester. Hours arranged. Omitted 1939-40.

118. Nineteenth Century Prose.
A study of the more significant prose, exclusive of fiction, of the nineteenth century. Three hours, second semester. Hours arranged. Omitted 1939-40.

119, 120. Modern Poetry.
An intensive study, both literary and technical, of the creative efforts of the more prominent poets of England and America since 1890. Three hours throughout the year. 1:30 M., Th., F. Offered 1939-40.

Mr. Mulder and Mr. Dunbar.


II. Rhetoric

1, 2. Freshman Composition.
First semester, a study of the mechanics and fundamentals of written and oral composition. Second semester, a comprehensive study, theoretical and practical, of the four forms of prose discourse, with major attention to exposition; weekly written and oral themes. Three hours throughout the year. Three sections: 8:00 M., W., F.; 11:30 M., W., F.; 1:30 M., F., and 8:00 W. Mr. Mulder, Mrs. Worth, Mrs. Seifert, Mrs. Judson.

103. News Writing.
The function of the newspaper; a detailed analysis of what actually constitutes "news"; newspaper organization and routine, "make-up", etc. Three hours, first semester. 10:30 M., W., F. Offered 1939-40.

104. The Editorial and Kindred Forms.
An analytic and synthetic study of the editorial; the review; the critique; the magazine article; the column. Three hours, second semester. 10:30 M., W., F. Offered 1939-40.

105. Advanced Composition.
A systematic effort to awaken in the student a desire for creative writing and to aid him in the discovery and development of his aptitude therefor. In such effort the familiar essay, the descriptive sketch, and kindred forms are examined and practiced. Three hours, first semester. 2:30 M., T., Th. Omitted 1939-40.

106. Narrative and Descriptive Writing.
An intensive study, analytical and creative, of the simpler forms of narrative; the short story; and the descriptive sketch.
Three hours, second semester. 2:30 M., T., Th. Omitted 1939-40.

Mr. Mulder.

109, 110. The Teaching of English.
A course designed to prepare students for the teaching of composition and of literature in the high school. Hour to be arranged.

Mr. Simpson.

FRENCH

Professor Bacon, Assistant Professor Earl.

Course 1, 2 should be taken during the freshman or sophomore year. It does not count toward a major in French.

1, 2. Elementary Course.
Grammar, pronunciation, dictation, practice in reading and writing; reading of stories and plays. Equivalent of Elementary French for entrance. Four hours throughout the year. 2:30 M., T., Th., F.; 9:00 M., T., Th., F. No credit toward graduation given for course 1, unless followed by course 2.

Miss Earl.

3, 4. Intermediate Course in Standard Authors.
Rapid reading from the works of representative authors mainly of the nineteenth century. Composition and grammar. Four hours throughout the year. Prerequisite, course 1, 2, or equivalent. 9:00 M., T., Th., F.; 11:30 T., W., Th., S.

Mr. Bacon, Miss Earl.

105, 106. Introduction to French Literature.
Lectures, assigned readings, and class discussions covering the various phases and movements in the history of French literature. Reading of an anthology and of a number of complete works. Outside reading with regular reports in French or in English. Three hours throughout the year. Prerequisite, course 4. 10:30 T., Th., S.

Mr. Bacon.

The origin and development of the novel in France studied by means of lectures and assigned readings. Representative novels are read and commented on in the class, and a number more are read outside and reported upon. Three hours, first semester. Prerequisite, course 106. 10:30 M., W., F. Offered 1939-40.

Miss Earl.

A study of the novel, the drama, and the poetry of modern France. Lectures, class discussion, reading. Three hours, second semester. Prerequisite, course 106. 10:30 M., W., F. Offered 1939-40.

Miss Earl.

109, 110. Written and Oral French.
A course involving conversation, composition, and the study of selected texts dealing with the geography, history, and life of France. Open to approved students who have had courses 3, 4, or equivalent. Required of all who expect to be recommended for teaching positions. Two hours throughout the year. 9:00 W., S.

Mr. Bacon or Miss Earl.

111. Advanced Composition and French Life.
Translation into French of passages dealing with literary and historical matters; reading of French magazine articles with reports in French; study of various phases of French life. Prerequisite, course 110. One or two hours throughout the year. Hours arranged.

Mr. Bacon or Miss Earl.

112. Problems of Teaching High School French.
Open only to juniors and seniors who have had course 109, 110, or equivalent, and who expect to teach. Two hours, second semester. Hours arranged.

Miss Earl.

13, 14. French Drama Since 1830.
Study and analysis of a large number of plays by various authors illustrating the widely different types of dramatic work produced in France during the last century. Three hours. May be elected for one or two semesters. Prerequisite, course 106. 10:25 M., W., F. Omitted 1939-40.

Mr. Bacon.

115. Practical Phonetics.
Especially intended for those who are preparing to teach.
Two hours, first semester. 1:30 T., Th.

Mr. Bacon.

117, 118. French Conversation.
Aims to develop the ability to speak and understand French of average difficulty through dictation, memorization, and discussion of topics of every day life. Open, with the permission of the instructor, to students of ability who have had course 3 or equivalent and who are carrying some other French course. One hour of credit. May be elected either semester or both. 1:30 M., F.

Miss Earl.
GERMAN

PROFESSORS BACON AND DUNSMORE

Course 1, 2 should be taken during the freshman or sophomore year.

1, 2. Elementary Course.

Essentials of grammar, oral and written practice, reading of selected modern works. The equivalent of the elementary requirements for entrance. Four hours throughout the year. 2:30 M., T., Th., F.; 11:30 T., W., Th., S. No credit toward graduation given for course 1, unless followed by course 2.

Mr. Dunsmore.

3, 4. Intermediate Course.

Extensive reading, composition, review of grammatical principles. The reading is chosen from a wide range and includes prose fiction, drama, and poetry. Outside reading with reports. Four hours throughout the year. Elective for students who have credit for course 1, 2 and for those who present two or three units of German for entrance. 9:00 M., T., Th., F.; 2:30 M., T., Th., F.

Mr. Bacon, Mr. Dunsmore.

105, 106. Modern Drama.

A study of representative plays by Kleist, Grillparzer, Hebbel, Sudermann, and Hauptmann. Three hours throughout the year. Prerequisite, course 4. 10:30 M., W., F. Offered 1939-40.

Mr. Bacon.

107, 108. Goethe.

A study of representative works by Goethe as an expression of his life and the cultural movement of his time. His connections with Sturm and Drang, classicism, and romanticism are analyzed. Goetz von Berlichingen, Iphigenie, Tasso, Faust, and his poems are read. Three hours throughout the year. Prerequisite course 4. 11:30 M., W., F. Offered 1939-40.

Mr. Bacon.

109. Science German.

Open to approved students who have credit for course 3, 4 or equivalent. Two hours, one semester. Offered only upon sufficient demand.

Mr. Bacon.

LATIN

LATIN

MRS. SEIFERT

1, 2. Caesar's Gallic War.

This course includes the essentials of Latin grammar, with continuous drill on forms of declension and conjugation, and syntax, the equivalent of two units of high school Latin. Four hours throughout the year. No credit is given for course 1, unless followed by course 2. Offered 1939-40.


A review of grammar and syntax, and the reading of five or six selected orations. Composition and oral practice. Prerequisite, two units of Latin. Four hours, first semester. 11:30 T., W., Th., S.

4. Virgil's Aeneid.

Reading of books one to six. Prerequisite, course 3 or equivalent. Four hours, second semester. 11:30 T., W., Th., S.


Analysis of language, style, and philosophy, with some attention to composition and syntax. Prerequisite, three units of Latin. Four hours, first semester. 9:00 M., T., Th., F.


Lyric style and metric composition. Roman life and philosophy of the Augustan age, as portrayed in the poems. Some attention to tracing Horatian influence through modern lyricism. Prerequisite, course 5 or equivalent. Four hours, second semester. 9:00 M., T., Th., F.


Life and government of the Roman people, a study of cause and effect, classical contributions to modern civilization. Some attention to background, composition, and review of syntax. Prerequisite three units of Latin. Four hours, first semester. Offered 1939-40.


Survey of Latin prose, selections from leading prose writers, with special attention to Pliny and his influence. Life of the Roman people, their philosophy and contributions to world culture. Four hours, second semester. Offered 1939-40.
Greek and Latin myth, with emphasis upon its influence on literature through the ages, its contribution to modern life; mythology in art, music, drama, literature, religion, science, astronomy, and history. A lecture and project course, with an English text. No knowledge of Latin required, no prerequisites. Latin and English students may earn appropriate credits by special work, allied to their majors. Two hours, second semester, 10:30 M., F.

Selected plays. History of Greek and early Roman drama, the early theatre. Some attention to composition and syntax. Prerequisite, courses 5 and 6 or equivalent.

108. Roman Comedy, Terence.
Selected plays. History of Roman drama, the early theatre, its influence upon the theatre of today. Prerequisite, courses 5 and 6 or equivalent.

111. Teachers Training Course in Latin.
Problems of high school Latin, modern methods of presenting the language, the "direct" method, the "contract" plan, etc. Procedures in vocabulary drill, in composition, in sight translation: methods of varying procedures. Testing, educational measurements, case studies. Two hours, first semester. 10:30 M., F. Omitted 1939-40.

151, 152. Special Courses.
Individual projects for advanced students upon sufficient demand. Hours and credits to be arranged.

ART

MRS. HODGMAN, MR. RICKET.

1. Appreciation of Architecture.
A study of various types of architecture from a structural point of view. Among the types studied are classic Greek and Roman, Byzantine, Romanesque, Gothic, Renaissance, Baroque, and Functionalistic. The development of American architecture is also dealt with. Three hours, first semester. 1:30 T., Th., F.

2. Appreciation of Sculpture.
Outstanding types of relief sculpture and of sculpture in the round are studied. Three hours, second semester. 1:30 T., Th., F.

3, 4. Italian Painting.
History, analysis and appreciation of Italian Renaissance Painting, with consideration of classical and mediaeval inheritance and post-Renaissance developments. Three hours, first semester. 11:30 T., Th., S. Two hours, second semester.

10. Art Approach.
An attempt to discover the nature of art; its beginnings and the development of various modes of expression; the approach to an understanding of the principles involved. No prerequisites. Two hours, second semester. 3:30 T., F.

11, 12. Studio Course.
Sketching, charcoal drawing, water-color, oil, and modelling. Arranged to develop observation and appreciation. Some analysis and application of the technique and theories of modern art. Credit toward graduation is allowed for this course only to students who have also credit for one other three hour course in the department. Three hours' credit possible each semester. Elective only after consultation with instructor. Hours arranged.

A study of the principles of design, applied to practical art problems in the home. The aim is to train the eye in perception of proportion, scale, color, etc. Practical problems discussed in relation to this study of design are: furniture, furniture arrangement, fabrics, hangings, picture arrangement, house planning, etc. To be taken preferably in connection with Art 10. One hour, second semester. No prerequisite.

105. Twentieth Century Art.
This course emphasizes modern trends apparent in various fields: painting, sculpture, architecture, and the decorative arts, including furniture, rugs, etc. The work of outstanding contemporary artists will be studied. Students who have had courses 1, 2; 3, 4; or 10 are eligible. Others should consult instructor. Three hours, first semester. 11:30 M., W., F.

106. Twentieth Century Art.
A continuation of course 105, which is a prerequisite. Two hours, second semester. 11:30 W., F.

107. Modern Art.
A course in the history of painting from the 16th century to contemporary art; beginning with northern painting, Rembrandt
and Rubens, and continuing through the various phases of modern art; some practical work. Three hours, first semester. 10:30 T., Th., S.

**MUSIC**

**Assistant Professor Overley**

The College offers work in theoretical and applied music leading to the degree of Bachelor of Arts. Students may elect music as a major or minor on the same basis as any other subject.

**A. Theoretical Courses**

1, 2. Literature and Criticism.

A general survey of the field of music literature, including a careful study of significant examples of all forms and types of composition. The course is intended for all those interested in the cultural values of "discovering music," regardless of previous technical training. Three hours throughout the year. 11:30 T. Th., S.

3, 4. Literature and Criticism.

A continuation of the first year's work. Three hours throughout the year. 11:30 T., Th., S. Omitted 1939-40.

9, 10. Fundamentals of Musicianship.

Intended to develop a thorough working knowledge of staff notation, keys, scales and elementary forms. Rhythmic drills. Progressive exercises in solfeggio and ear-training. Required of all students electing any branch of applied music. Three hours throughout the year. 10:30 M., W., F.

105, 106. Elementary Harmony.

The structure and use of triads and seventh chords and their inversions. Harmonization of melodies and basses. The aural approach is emphasized. Prerequisite, course 9, 10. Three hours throughout the year.

107, 108. Advanced Harmony.

The use of altered and chromatic chords. Modulation and transposition. Original work is stressed. Prerequisite, course 105, 106. Three hours throughout the year. 10:30 T., Th., S.

109, 110. Counterpoint.

Strict counterpoint in various species in two, three, and four voices. Prerequisites, course 107, 108. Two hours throughout the year.

**B. Applied Music**

Payment of the academic fees for any semester entitles any qualified student to individual instruction in voice, piano, organ, or violin, including one half-hour lesson per week and rent of piano or organ, one hour per day.

Instruction books, sheet music, and study materials in each subject are provided by the student.

**Entrance Requirements.** All applicants for applied music must give indication of ability in the work chosen. Piano and organ students must have the equivalent of three or four years' work in piano to be eligible for freshman year credit. Students of violin and voice must have some knowledge of the rudiments of music. Applicants in all branches are required to pass a qualitative examination upon enrollment. Elementary harmony is required of all students in applied music.

**Advanced Standing.** By special examination students having had adequate previous training may qualify for advanced standing.

13, 14. Courses are offered in piano, violin, organ and voice. Two hours' credit per semester is offered on a basis of one private lesson and ten hours' practice per week, conditioned on work for at least two consecutive semesters. Participation in student recitals is required, and opportunity for public appearances is given from time to time to students who qualify. The student is encouraged to advance as rapidly as his ability permits.

**C. Ensemble Work**

15, 16. Vocal Ensemble.

Class voice culture; study of sacred and secular repertoire for women's chorus, men's chorus, and mixed chorus.

17, 18. Band.

Study of overtures, selections, and suites; marching drills in the fall; local and out-of-town concerts.


Study of classic and contemporary literature for the chamber orchestra.

All of these groups rehearse twice weekly for one and one-half hour periods. One hour credit per semester in not more than one of the above groups, for two consecutive semesters' work.

Talented students may qualify by try-out for membership in the men's quartet, the women's vocal trio or quartet, the mixed quartet, and the string trio.
A major in Speech consists of courses 11, 12, 17, 31, 32; one sequence from: 21, 22; 23, 24; 25, 26, and at least six additional hours selected from the following: 113; 115; 116; 21, 22; 23, 24; 25, 26; 133, 134; English Literature 1, 2.

A minor must include courses 11 and 17; one of the following: 12, 113, 115, 116; six hours from group II or group III, except that 193, 194 may not be included.

Students having pronounced speech anomalies are not permitted to elect Speech courses. Such students are invited to consult with the instructor in Speech regarding remedial treatment.

I. Private and Public Speaking

A foundation course which lays stress on a mastery of the fundamental theories underlying ideal private and public speaking and provides adequate opportunity for practical classroom speaking.
Offered each semester. Three hours. First semester 1:30 M., T., Th.; second semester 2:30 M., T., Th.

12. Great Speakers and Great Speeches.
A research approach to the great speech masters of the Greek, Roman, Patristic, Mediaeval, Reformation, French Revolutionary, British and American Periods. Each student will make an intensive study of at least one of the world's outstanding orators.
Prerequisite, course 11, and consent of instructor. May be elected for either one or two hours' credit. Second semester. 2:30-4:30 T.

17. Parliamentary Law.
A course designed to give the student a practical mastery of the art of conducting a business meeting. While actually using parliamentary law in each meeting of the class, the student is instructed in the principles underlying the various procedures.
One hour, second semester. 1:30 M.
II. Dramatics

In order to vary the emphasis and to provide students with a well rounded training in this field, the following six courses are spread over a period of three years—two related courses being offered each year.


An introductory course intended to acquaint the student with practical elementary problems in stage design, lighting, and management.

Three hours, first semester. Offered 1940-41.

22. Stage Management.

An advanced course in the practical problems of the stage.

Prerequisite, course 21. Three hours, second semester. Offered, 1940-41.

23. Play Production.

An introductory course for students who are interested in the problems of directing plays and preparing actors for public appearances. Directing, costuming and make-up problems are considered.

Three hours, first semester. Offered 1941-42.

24. Directing.

For students desiring to gain added experience in meeting the problems of the director and producer of dramatic productions.

Prerequisite, course 23. Three hours, second semester. Offered 1941-42.


An introductory course for students whose primary interest in dramatics is in the relation of the actor to the stage and to the audience.

Three hours, first semester. 10:30 M., W., F. Offered 1939-40.


A continuation course which emphasizes individual characterization and the creation of group mood.

Prerequisite, course 25. Three hours, second semester. 10:30 M., W., F. Offered 1939-40.

27. Visual Approaches in Dramatics.

A one hour lecture course. Offered 1940-41.

III. Argumentation and Debate

Courses 31-32 and 133-134 are offered in alternate years.


This course is designed for those who feel a need of intensive training in logical thinking and speaking, for those interested in participating in intra-class and intercollegiate debate activities, and for those planning to teach debate. The principles of argumentation and debate are studied; current debate topics are used for specific points of application and practice. Students are required to participate in numerous class or intercollegiate debates.

Prerequisite, consent of instructor. Three hours, first semester. 11:30 M., W., F. Offered in 1939-40.

32. Group Thinking and Public Discussion.

A study of the principles of individual and group thinking, and practice in organizing, conducting, and evaluating informal, round table, panel and forum discussions. Students will take part in several assigned off-campus discussions in addition to the classroom discussions.

Prerequisite, course 31 or consent of instructor. Three hours, second semester. 11:30 M., W., F.

133, 134. Advanced Argumentation and Debate.

Two hours throughout the year. Prerequisite, courses 31, 32. Offered 1940-41.
II. DIVISION OF NATURAL SCIENCES AND MATHEMATICS

BIOLOGY

ASSOCIATE PROFESSOR DIEBOLD

The general aim of most of the courses in biology is to give the student a cultural background for the appreciation of the contributions of science to modern life and the part it plays in contemporary thought. The specific aim is to offer a scientific training to those students with a major interest in biology and its applied branches. In order to lay a good foundation for scientific work it is wise to take with biology some courses in chemistry, physics, sociology, psychology, and philosophy. If possible, a reading knowledge of both French and German should also be obtained.

The pre-medical student should find out early in his course the prerequisites desired by his chosen medical school. Courses 1 and 4 or 3 and 4 meet the entrance requirements of most medical colleges as a minimum. Biology 105 and 109 are recommended by all medical colleges in addition, and 106 is recommended by all and required by a few.

Courses 1 and 3 carry four hours' credit per semester when taken by students who have done no previous work in this department. Otherwise they yield only three hours of credit and may be taken without the Wednesday lectures.

1. General Botany.

How plants live and reproduce, and the structures involved. A comparative study is made of both the simpler and higher plants with a view to their evolutionary relationships. Three or four hours, first semester. Lectures, 8:00 T., W., Th. Laboratory, two consecutive hours, 8:00 and 10:30 M., F. Alternates with 3. Offered 1939-40.


An introductory course dealing with the invertebrates. Three or four hours, first semester. Lectures, 8:00 T., W., Th. Laboratory, two consecutive hours, 8:00 and 10:30 M., F. Alternates with 1. Offered 1939-40.


An introductory course with special attention to the vertebrates. Four hours, second semester. Lectures, 8:00 T., W., Th. Laboratory, two consecutive hours, 8:00 and 10:30 M., F.

8. Bird Study.

This is intended to be a practical course with the emphasis upon identification and classification of our native birds; their food and nesting habits. Occasional lectures, mainly field work. One hour, second semester. 1:30 W. No prerequisites, but registration is subject to the approval of the instructor.

105. Vertebrate Anatomy.

A comparative study of typical backboned animals for the purpose of revealing the structure of the human body. Four hours, first semester. Lectures, 1:30 T., Th. Laboratory, two consecutive hours, 1:30 M., F. Lectures open to upper classmen for two hours' credit by permission of instructor.

106. Vertebrate Embryology.

A study of the development of the individual from the origin of the germ cells to the adult condition. Four hours, second semester. Lectures, 1:30 T., Th. Laboratory, two consecutive hours, 1:30 M., F. Lectures open to upper classmen for two hours' credit by permission of instructor. Alternates with 116. Omitted 1939-40.


A study of the modern conceptions of heredity and the investigations on which they are based. Eugenics and social problems receive special attention. Two hours, first semester. 10:30 T., Th.

112. Evolution.

A study of the evidences for organic evolution and of the theories which have been offered to explain how it might have occurred. Two hours, second semester. 10:30 T., Th. Alternates with 118. Omitted 1939-40.


A study of the minute structure of animals. Training in the preparation of materials. Three hours, second semester. Lecture, 1:30 T. Laboratory, two consecutive hours, 1:30 M., F. Alternates with 106. Offered 1939-40.

117. Anthropology. See Sociology 103.

118. Comparative Neurology. See Psychology 110.

A study of the anatomy and physiology of the central nervous system and sense organs. Dissection is made of representa-
tive vertebrate brains and of the special sensory structures. Prerequisite, Biology 4 or Psychology 1. Three hours, second semester. Lectures, 10:30 T., Th. Laboratory, 10:30-12:20 W. Alternates with 112. Offered 1939-40.

151, 152. Biology Pro-seminar.
A study of recent biological literature. One hour, each semester. 3:30-5:20 T.

191, 192. Special Courses.
These are offered for advanced students in biology. In assigning the problems the experience and purposes of the student are considered. Such work as the following is assigned: special readings; advanced cat anatomy; skeletal preparations; problems in embryology; problems in genetics; ecological study; animal and plant histology; plant morphology and classification. Hours and credit to be arranged.

Particular attention of students interested in biology is called to the unusual opportunities offered by the Douglas Lake Biological Station, maintained under the direction of the University of Michigan at Cheboygan, Michigan. Courses given there occupy eight weeks in summer, beginning about the third week in June and ending the third week in August.

CHEMISTRY

PROFESSORS SMITH AND STOWE

1, 2. General Inorganic Chemistry.
Four hours throughout the year. Lectures, 1:30 T., Th. Laboratory, two consecutive hours, 10:30 and 1:30 M., F.

Mr. Smith, Mr. Stowe.

103, 104. Qualitative Analysis.
Three hours throughout the year. Prerequisite, course 1, 2. Lectures, 11:30 Th. Laboratory hours by arrangement.

Mr. Smith.

105, 106. Organic Chemistry.
Four hours throughout the year. Prerequisite, course 1, 2. Lectures, 9:00 W., S. Laboratory, two consecutive hours, 10:30 T., Th.

Mr. Smith, Mr. Stowe.

107, 108. Quantitative Analysis.
Lectures, recitations, problems, and laboratory work, dealing with the gravimetric and volumetric analysis of inorganic compounds. Three hours throughout the year. Prerequisite, courses 1, 2. Lectures, 10:30 W. Laboratory hours by arrangement.

Mr. Stowe.

109, 110. Physical Chemistry.
Lectures, recitations, and laboratory work, introducing the student to the principal chapters of modern chemical theory. Four hours throughout the year. Prerequisite, Chemistry 1, 2, 103, 104; Physics 1, 2; Mathematics 1, 2. A knowledge of organic chemistry and calculus is desirable. Lectures, 8:00 T., Th. Laboratory, 1:30-4:30 T., Th.

Mr. Stowe.

111. Qualitative Organic Analysis.
Chiefly laboratory work, dealing with the qualitative analysis of organic compounds. Two hours, one semester. Prerequisite, courses 103, 104, 105, 106.

Mr. Stowe.

112. Advanced Quantitative Analysis.
Laboratory work is offered in the analysis of water, sugar, fuel, and of various types of organic compounds, as well as other analytical work of special content. Prerequisite, courses 107, 108. Hours and credit to be arranged.

Mr. Stowe.

113. Inorganic Preparations.
A one semester laboratory course open to advanced students by permission of instructor. Hours and credit to be arranged.

Mr. Stowe.

114. Advanced Organic Preparations.
A one semester laboratory course open to advanced students by permission of instructor. Hours and credit to be arranged.

Mr. Smith, Mr. Stowe.

115. Advanced Physical Chemistry.
Laboratory work in some special phase of this field is undertaken and pursued more intensively than is possible in course 109, 110. Hours and credit to be arranged.

Mr. Stowe.

Two or four hours, one semester. Prerequisite, courses 1, 2, 105.

Mr. Smith.

117. Physiological Chemistry.
Chiefly laboratory work introducing the student to a number of typical reactions of carbohydrates, fats, and proteins. Some time is spent in the examination of blood and urine. Prerequisite, courses 105, 106, 116. Two hours, one semester.

Mr. Stowe.
118. Glass Blowing.  Mr. Stowe.
Two hours, one semester.

151, 152. Chemistry Seminar.  Mr. Smith, Mr. Stowe.
An introduction to current chemical literature and research methods. Papers are presented upon assigned topics. One hour of credit.

PHYSICS
Professor Hornbeck, Assistant Professor Seifert
Courses 109 and 110 are required for a major.

1, 2. General College Physics.  Mr. Hornbeck and Mr. Seifert
Demonstration lectures and recitations four times a week, and one two-hour laboratory period. First semester, mechanics, heat, and sound; second semester, magnetism, electricity, and light. Prerequisite, Mathematics 1, 2, which may be taken at the same time. Primarily for sophomores and upper classmen. Also open to freshmen who enter college with one unit of physics and three units of mathematics. Five hours throughout the year. 9:00 M., T., Th., F. Laboratory, 10:30-12:20 M.; 1:30-3:20 Th.; 10:30-12:20 F.

20. Astronomy.  Mr. Hornbeck and Mr. Seifert.
The development of astronomy in recent years has been extremely rapid, due largely to our extended knowledge of physics and chemistry. This course includes a study of some of the most recent contributions. Not open to freshmen. Three hours, second semester. 10:30 T., Th., S.

105. Light.  Mr. Seifert.
Primarily an advanced course in physical optics, with the emphasis on the theory of reflection, refraction, interference, polarization, and spectrum analysis. Prerequisite, courses 1, 2, and Mathematics 103, 104. Four hours, second semester. Class room work. 8:00 T., Th., S, and one three-hour laboratory period to be arranged.

106. Advanced Physical Measurements.  Mr. Seifert.
A laboratory course consisting of advanced experiments in mechanics, heat, wave motion, sound, and light. Prerequisite, course 1, 2. Two or three hours, depending upon amount of work accomplished, first semester. Hours arranged.

107. Modern Physics.  Mr. Hornbeck.
A study of recent work in the fields of radio-activity, X-rays, photo-electricity, measurement of the electronic charge, and the structure of crystals, leading to current theories of the structure of the atom and the nature of radiation. Prerequisite, course 1, 2. Three hours, first semester. 10:30 T., Th., S.

108. Electrical Measurements.  Mr. Hornbeck and Mr. Seifert.
An advanced laboratory course in the measurement of electro-motive force, current, resistance, capacity, inductance, impedance, power factor, magnetic properties of iron, characteristics of vacuum tubes, and photo-electric currents. Prerequisite, course 1, 2. Mathematics 103, 104 is recommended, and required if this course is elected for three hours credit. Two or three hours, depending upon the work done, second semester. Hours arranged.

A mathematical course including both statics and dynamics. Prerequisite, courses 1, 2, and Mathematics 103, 104. Three hours, first semester. 8:00 M., W., F.

110. Electricity and Magnetism.  Mr. Hornbeck.
A mathematical course which takes up both direct and alternating current theory. It includes the theory of vacuum tube generators and other high-frequency phenomena. Prerequisite, courses 1, 2, and Mathematics 103, 104. Three hours, second semester. 8:00 M., W., F.

115, 116. Dynamo Machinery.  Mr. Seifert.
A general course with the emphasis on the physics of the subject. It includes a study of direct-current motors and generators, alternating-current motors and generators, batteries, electric meters, electronics, transformers, three-phase systems, and power transmission. Class room work three hours a week; one three-hour laboratory period. Four hours throughout the year.

117. Vector Analysis.  Mr. Seifert.
See Mathematics 117.

151, 152. Seminar.  Mr. Hornbeck and Mr. Seifert.
Discussions and reports on articles in current research publications. Prerequisite, two years of physics and a year of calculus. One hour.
Special Problems

This is a special course intended to afford students of superior ability and adequate preparation an opportunity to obtain specific training for original investigation. A laboratory problem is assigned, together with reference reading, and the student is left as far as possible to his own resources. One to three hours.

Mr. Hornbeck and Mr. Seifert.

MATHEMATICS

Professor Walton

Course 1, 2 prepares students for the more advanced courses in mathematics as well as for those professional and technical courses requiring one year of college mathematics. Students desiring to major in mathematics must choose at least two courses from those listed beyond number 104.

1, 2. Freshman Mathematics.

An introduction to the study of college mathematics, including trigonometry, college algebra, plane analytic geometry and a brief introduction to the differential and integral calculus. Four hours, each semester. (Students who have not had high school trigonometry are required to attend class one extra hour per week without credit.) 9:00 M., T., Th., F.; 10:30 T., W., Th., S.

Mr. Walton, Mr. Seifert.


A development of the elementary theory of statistics, including a study of averages, measures of dispersion, coefficients of correlation, and secular trend. Prerequisite, course 1, 2, or equivalent. Three hours, first semester.


A study of compound interest, annuities, sinking funds, amortization, valuation of bonds, and building and loan associations. Prerequisite, course 1 or consent of instructor.

103, 104. Calculus.

This course completes the study of the elements of plane and solid analytic geometry as well as the differential and integral calculus. Many applications of the calculus to geometry and mechanics are used. Prerequisite, Freshman Mathematics or its equivalent. Five hours, each semester. 8:00 M., T., W., Th., F.


Prerequisite, course 103. Three hours, one semester.

110. Advanced Plane Geometry.

Prerequisite, course 103. Three hours, one semester.

111. Differential Equations.

Prerequisite, course 104. Three hours, first semester.

112. Advanced Mathematics.

This course is designed primarily for advanced science students and consists firstly, of probability and curve fitting by means of least squares, and secondly, of a brief study of the properties of determinants, matrices, and the theory of transformations. Prerequisite, course 104. Three hours, second semester.


This course includes a thorough review of the principles of elementary calculus together with theorems from definite integrals, elliptic integrals, Fourier’s series, theory of limits, and theory of functions. Prerequisite, course 104. Three hours, each semester.

117. Vector Analysis.

A problem course designed to introduce science students to the compact and powerful vector method of treating problems in physics. Prerequisite, course 104. Three hours, first semester. Also credited as Physics 117.

Mr. Seifert.

151, 152. Special Courses.

Offered to advanced students as need arises.
III. DIVISION OF PHILOSOPHY, PSYCHOLOGY, AND RELIGION

PHILOSOPHY

PROFESSOR HEMMES

1. Types of Philosophy.
   A study of platonism, dualism, and positivism. The types are studied in connection with the personalities of Plato, Descartes, Hume. Discussion centers in views of reality, nature, mind, knowledge. The cultural, social, political aspects of the types are emphasized. Three hours, first semester. 8:00 M., W., F. Offered 1939-40.

2. Types of Philosophy.
   A study of idealism, pragmatism, and realism. The approach to modern idealism is through Schopenhauer, whose views are compared with those of Kant and Hegel. William James is studied as the representative of pragmatism, and realism is discussed as formulated by Bertrand Russell. Three hours, second semester. 8:00 M., W., F. Offered 1939-40.

3. Problems of Philosophy.
   A study of contemporary problems of philosophy. An examination of the meaning of knowledge, truth, nature, space, time, change, causality, law, life, evolution. Three hours, first semester. 8:00 M., W., F. Omitted 1939-40.

4. Philosophy of Human Life.
   Discussion of the problems of mind, of the relation of mind and body, of the nature of personality, of mental development, of value, and of human destiny. Three hours, second semester. 8:00 M., W., F. Omitted 1939-40.

5. Ethics.
   A study of the main facts of morality and of interpretative theories. Formalism, utilitarianism, evolutionary ethics, idealism are examined. Problems of moral practice in the political, legal, economic, social fields are emphasized. Three hours, first semester. 10:30 T., Th., S. Omitted 1939-40.

6. Aesthetics.
   An analysis of aesthetic experience from the psychological and philosophical viewpoint. The relations of art to morality, science, religion are investigated. Aesthetic types are examined. Juniors and seniors. Three hours, second semester. 10:30 T., Th., S. Omitted 1939-40.

PSYCHOLOGY

PROFESSOR HEMMES, ASSISTANT PROFESSOR HIGHTOWER

1. General Psychology.
   An introduction to the chief facts, principles, and problems of normal adult psychology, through systematic study of a text, lectures, exercises, and reading in special fields. Original responses and emotion, sensation and perception, habit and memory, imagination, reasoning, and personality are the main topics. Not open to freshmen. Three hours, first semester. Two sections: 9:00 M., T., Th., 10:30 M., W., F. Mr. Hemmes.

2. Educational Psychology.
   This course gives a general survey of educational psychology. Among the topics considered are: native endowment; habit formation; economy and technique of learning. Applications are made to problems of teaching and learning. Prerequisite, course 1. Three hours, second semester. 9:00 M., T., Th. Mr. Hemmes.
4. Mental Hygiene.
   A study of emotional adjustment, personality problems, conflicts, compensatory behavior, neurotic behavior, conduct disorders. Three hours, second semester. 9:00 M., T., Th. Offered 1939-40. Mr. Hemmes.

110. Comparative Neurology. See Biology 118.

111. Mental Tests and Measurements.
   A course concerned with the development of mental testing, including a critical study of various intelligence tests. Aims, methods, and evaluation of results will be considered. Prerequisite, 6 hours in psychology. Three hours, first semester. 10:30 M., W., F. Offered 1939-40. Mr. Hightower.

112. Diagnosis of Personality.
   An examination of techniques and methods employed in the diagnosis and measurement of personality and conduct. Prerequisite, 6 hours in psychology. Three hours, second semester. 10:30 M., W., F. Offered 1939-40. Mr. Hightower.

113. Psychology of Childhood.
   Child behavior, mental processes and emotional reactions in relation to growth and life changes. Prerequisite, 6 hours in psychology. Three hours, first semester. 10:30 M., W., F. Offered 1939-40. Mr. Hightower.

114. Psychology of Adolescence.
   Psychology of youth. A study of the mental and emotional life accompanying "growing up," with consideration of character training procedures. Prerequisite, 9 hours in psychology, including course 113. Three hours, second semester. 10:30 M., W., F. Offered 1939-40. Mr. Hightower.

115. Psychology of Personality.
   Psychological approaches to the study of personality types, and factors that contribute to the quality of individual lives. Prerequisite, 3 hours in psychology. Three hours, second semester. 10:30 M., W., F. Offered 1939-40. Mr. Hemmes.

RELIGION

Professor Dunsmore

The courses in this department are grouped in three divisions: (1) Biblical literature, (2) Religious history and thought, (3) Religious education. A major may consist of courses chosen from all three groups, or it may be limited to Biblical literature.
II. Religious History and Thought

111. Religions of the World.

An historical study of the world’s great religions, with special emphasis upon their distinctive values. Not open to freshmen. Three hours, first semester. 10:30 T., Th., S.

112. Problems of Religion.

A study of a group of modern religious problems, selected by members of the class. An attempt is made to find the meaning and values of religion and religious ideas for present day life in the light of modern thought and methods. Not open to freshmen. Three hours, second semester. 10:30 T., Th., S.

III. Religious Education

The aim of the courses in religious education is two-fold: (1) to present a working knowledge of the principles, aims, and methods of modern religious education for those students who will be working as laymen in their local churches; and (2) to furnish foundation courses for students who expect to pursue advanced courses in religious education in graduate schools.

123. The Principles of Religious Education.

This course provides a general introduction to the field of religious education. It includes a study of the nature and growth of the religious life, and a consideration of the principles, aims, general methods, and problems of religious education. Prerequisite, Psychology 1. Three hours, first semester. 11:30 M., W., F.

124. The Organization of Religious Education.

The emphasis of this course is upon the educational program of the local church. A brief survey is made of the various other institutions for religious education, including week-day schools of religion, vacation schools, clubs, etc. Prerequisite, course 123, or consent of the instructor. Three hours, second semester. 11:30 M., W., F.

191, 192. Special Courses.

In addition to the courses listed, the department is prepared to offer advanced courses to students who are properly qualified.
106. Salesmanship.
Principles underlying the personal selling process; modern sales practice and administration. Prerequisite, course 1, 2. Three hours, second semester. 8:00 T., Th., S. Offered 1939-40. Mr. Staake.

Social aspects; policies and objectives; modern advertising procedure; marketing research; advertising writing and layout; and the general principles involved in building the complete campaign. Prerequisite, course 1, 2. Three hours, first semester. 8:00 T., Th., S. Omitted 1939-40. Mr. Staake.

Applications of principles in the building of a complete national campaign; case analysis based on the recorded experiences of various firms. Prerequisite, course 109 or consent of instructor. Three hours, second semester. 8:00 T., Th., S. Offered 1939-40. Mr. Staake.

111. Money and Banking.
A course in monetary and banking principles designed as an introduction to the subject. The origin and evolution of money; the principles governing the price level; banking systems and their operations with special reference to the banking systems of the United States, are among the topics covered. Prerequisite, course 1, 2. Three hours, first semester. 10:30 M., W., F. Offered 1939-40. Mr. Kissick.

Types of business organizations; their advantages and disadvantages with special reference to the corporation; promotion and management; capitalization; the marketing of stocks and bonds; obtaining and administering working capital; and other related topics, are treated in a manner designed to meet the needs of a liberal education as well as to supply a background for those who look forward to business careers. Prerequisite, course 1, 2. Three hours, second semester. 10:30 M., W., F. Omitted 1939-40. Mr. Kissick.

113. Labor Economics.
A careful analysis of the position occupied by labor in contemporary society, including the methods used by labor to improve its status and the recent governmental attitude toward the development of labor institutions. The relations of labor and capital and the analysis of the psychological aspects of the problems confronting the individual worker are each given considerable attention. Prerequisite, course 1, 2. Three hours, first semester, 10:30 M., W., F. Offered 1939-40. Mr. Kissick.

117. Elementary Mathematical Statistics. See Mathematics 7. Required of all those who wish to take course 118.

Methods of collection, tabulation, and graphic presentation of data; analysis of statistical series of different types, and interpretation of the various methods used; study of the sources of statistical data in the field of economics. Prerequisite, course 117. Three hours, second semester. 1:30 T., Th., F. Mr. Kissick.

119, 120. Intermediate Accounting.
Financial and operating statements; partnership and corporate organization, operation, and liquidation; problems in depreciation and valuation are given special attention. Lectures, recitations, and problems. Prerequisite, course 19, 20. Three hours throughout the year. 8:00 M., W., F. Omitted 1939-40. Mr. Kissick.

121. Economics of Consumption.
A discussion of the relation of the family to production, distribution, and consumption; the family income and its expenditure; standards of living; their content, origin, and control; survey of demands from the viewpoint of the consumer. Prerequisite, course 1, 2. Three hours, second semester. 10:30 M., W., F. Offered 1939-40. Mr. Kissick.

122, 123. Economic Theory.
The study of a systematic and comprehensive body of economic theory constitutes the basis of this course. The theories relating to production and distribution, value and price, supply and demand that have been generally accepted are studied and criticized. In general the first semester is devoted to the study of the economics of perfect competition and the second semester to the study of imperfect competition. Prerequisite, a minimum standing of C in course 2. Required of all economics majors. Two hours throughout the year. 10:30 T., Th. Omitted 1939. Mr. Kissick.

128. Taxation and Public Finance. See Political Science 128.

191, 192. Special Courses.
Advanced economics majors with a minimum standing of B in the department may be allowed to undertake independent work under the supervision of the instructors. Hours and credits to be arranged. Mr. Kissick and Mr. Staake.
HISTORY

ASSOCIATE PROFESSOR GOODSELL, ASSISTANT PROFESSORS DUNBAR AND DONALDSON

Courses 1 and 2 are prerequisite for all subsequent work for a major in the department. They should be taken consecutively, if possible, and in the freshman or sophomore year. Either course 151 or course 152 is required of all history majors.

1. Early Modern European History.
   The development of Europe from the Renaissance to 1815 is surveyed in this course. Four hours, first semester. Two sections: 10:30 T., W., Th., S.; and 2:30 M., T., Th., F.

2. European History Since 1815.
   A continuation of course 1, carrying the study of European history down to the present time. Four hours, second semester. Two sections: 10:30 T., W., Th., S.; and 2:30 M., T., Th., F.


5. English History to 1688.
   A study of the development of the English nation to the Revolution of 1688. Four hours, first semester. 1:30 M., T., Th., F.

6. English History from 1688 to the Present Time.
   A continuation of course 5. Four hours, second semester. 1:30 M., T., Th., F.

   This course considers the evolution of American political, social, and economic institutions from the Revolution to the close of the Civil War. Lectures, readings, discussions, and a term paper. Not open to freshmen. Required of those who plan to teach history. Three hours, first semester. 9:00 W., F., S. Offered 1939-40.

8. Recent History of the United States.
   A continuation of course 7, carrying the study down to the present time. Not open to freshmen. Required of those who plan to teach history. Prerequisite, course 7 or permission of instructor. Three hours, second semester. 9:00 W., F., S. Offered 1939-40.

   A study of the development and contributions of the oriental, Greek, and Roman civilizations. For advanced students. Three hours, first semester. 8:00 M., W., F. Offered 1939-40.

10. Mediaeval History.
    A study of the Middle Ages from the fall of Rome to the Renaissance. For advanced students. Three hours, second semester. 8:00 M., W., F. Offered 1939-40.

11. The World War.
    A study of the causes, progress, and settlement of the Great War. For advanced students. Open to juniors and seniors. Three hours, first semester. 8:00 M., W., F. Omitted 1939-40.

    A continuation of course 113, covering the period from the Versailles treaty to the present time and dealing with the problems of the post-war world. For advanced students. Open to juniors and seniors. Three hours, second semester. 8:00 M., W., F. Omitted 1939-40.

    Methods and procedures suitable to the teaching of the social studies in the secondary schools are considered. For advanced students. Two hours, second semester. 4:00-6:00 W. All history majors who desire to teach in the secondary schools are strongly advised to elect this course. Omitted 1939-40.

    A study of the discovery, exploration, and settlement of the North American continent and the development of Spanish, French, Dutch, and English colonial systems. Not open to freshmen. Three hours, first semester. 9:00 W., F., S. Offered 1939-40.

    This course deals with the expansion of the American people over the North American continent and the results of that expansion on American character and institutions. Not open to freshmen. No prerequisite. Three hours, second semester. 9:00 W., F., S. Omitted 1939-40.
121. American Historical Biography.
A study is made of the lives of eminent Americans, emphasis being placed on the significance of character in American history. Not open to freshmen. Two hours, first semester. 11:30 T., Th. Offered 1939-40. Miss Donaldson.

122. Representative Europeans.
Biographies of outstanding Europeans are read and reports made thereon. Three hours, second semester. 1:30 M., T., Th. Offered 1939-40. Mr. Dunbar, Mr. Mulder.

123. History of American Political Parties.
This course considers the development of political parties in the United States and present political problems. Not open to freshmen. Prerequisite, courses 7 and 8 or the permission of the instructor. Three hours, first semester. 11:30 T., Th., S. Omitted 1939-40. Mr. Dunbar.

A study is made of American diplomacy from 1776 to the present time. Not open to freshmen. Three hours, second semester. 11:30 T., Th., S. Omitted 1939-40. Mr. Dunbar.

125. The History of the Old Northwest, 1783-1837.
Special attention is given to the history of Michigan in this period. Lectures, readings, discussions, and a paper. Open only to students who have a minimum of 6 hours' credit in American history. Three hours, first semester. 11:30 T., Th., and two additional consecutive hours each fortnight on some evening to be determined by the convenience of the class. Offered 1939-40. Mr. Dunbar.

126. History of Education. See Education 114.

151. Introduction to Historical Method. Seminar in European History.
A course dealing with methods of historical research. These methods are worked out in connection with a concrete problem selected from the field of American history, and the results embodied in a semester thesis. For advanced students. Either this course or course 152 is required of all history majors. Two hours, second semester. 4:00-5:00 W. Omitted 1939-40. Mr. Goodsell.

191, 192. Special Problems in Ancient, Mediaeval, and Modern European History.
This course is designed for those who are especially interested and competent in historical studies. Each student is free to choose a project in any period of history and to work it out without conventional restrictions. It is intended to provide an opportunity for individual adventure in the field of history. Mr. Goodsell.

193, 194. Special Course in American History and Biography.
Individual study in the life and works of some outstanding American or in some period of American history. Prerequisite, a minor in history and at least 3 hours in American history unless the course is taken in cooperation with some other department. Mr. Dunbar.
108. Legislation.
A section from the field of constitutional law dealing with the scope and limitations of legislative power. Three hours, second semester, 1939-40. 8:00 T., Th., S.

110. Judicial Administration.
The organization, jurisdiction, procedure, function, and specialization of our courts. Three hours, second semester, 1939-40. 11:30 M., W., F.

116. Contemporary International Relations. See History 114.

123. Political Parties. See History 123.


II. Government at Work

112. Commercial Relations.
A study of contracts, combinations, and conspiracies in restraint of trade and of competitive practices. Three hours, second semester, 1940-41. 11:30 M., W., F.

114. Public Utilities.
Governmental regulation of public service industries. Three hours, second semester, 1940-41. 8:00 T. Th. S.

115. Industrial Relations.
The social control of the relations between employer and employee. Three hours, first semester, 1939-40. 11:30 M., W., F.

117. Domestic Relations.
Selected problems from the field of personal relations; parent and child, guardian and ward, husband and wife, official and charge. Three hours, first semester. 1939-40. 8:00 T., Th., S.

125. Criminal Justice.
The study of the individual and social interests secured through the administration of criminal justice and the evaluation of the means employed in the process. Three hours, first semester, 1940-41. 8:00 T., Th., S.

III. Seminars

Open to graduates and senior political science majors.

153. Public Relations.
A study of the factors involved in the influencing of public opinion; analysis and application of the methods used by industrial, social, and political organizations in promoting important projects. Two hours, first semester. 4:00-6:00 W.
Mr. Cornell and Mr. Staake.

156. Public Personnel Problems.
The nature and extent of public personnel relations and the application of the principles developed in industrial practices to the problems arising therein. Special attention is given to the problems of work-relief. Two hours, second semester. 4:00-6:00 W.
Mr. Cornell and Mr. Staake.

157, 158. Municipal Management.
A study of the management of the modern city in its several phases and departments. The work of the seminar is supplemented by special lectures by Mr. Edward C. Rutz, former manager of the City of Kalamazoo, and Mr. Edward S. Clark, city manager. Open to members of the clinic in Municipal Administration. Two hours throughout the year. 4:00-6:00 T.

IV. Individualized Study

191, 192. Special Problems in International relations.

193, 194. Special Problems in Public Administration.

195, 196. Special problems in social legislation.

The Bureau of Municipal Research is conducted as a joint enterprise by the administration of the City of Kalamazoo and the department of Political Science of Kalamazoo College. This Bureau is organized as a division of the city manager's office. Its objectives are to provide clinical contacts for advanced undergraduates and graduate students in the field of public administration and to make available to the administration of the city and others interested, the results of studies of typical city administrative problems. The city manager and members of his staff participate in conferences with the students and act as research advisers upon projects within their several fields.
ASSOCIATE PROFESSOR HIGHTOWER

Courses open to sophomores, juniors, and seniors. Course 1 is required for admission to all subsequent courses. Majors in the department must also take course 2 for admission to later courses.

A. Survey Courses

   An inductive study of social organization, processes, and controls, based upon field observation, published sources, and contemporary contributions. Three hours, first semester. 8:00 T., Th., S.

2. Social Psychology.
   A study of the nature, development, and interaction of personalities, and the relationship of personality to social environment. Prerequisite, Psychology 1 advised. Three hours, second semester. 8:00 T., Th., S.

103. Cultural Anthropology. See Biology 117.
   The origin and development of man and his culture. Modes of living in primitive societies. Three hours, first semester. 9:00 M., T., Th. Omitted 1939-40.

B. Advanced Courses

111. Rural Sociology.
   A study of present day rural society with reference to organization, problems, policies, and trends. Three hours, first semester. 1:30 T., Th., F. Omitted 1939-40.

112. The Family.
   A study of the origin and development of the family, together with an analysis of the structure, function, and problems of the American family. Three hours, second semester. 1:30 T., Th., F.

113. Urban Sociology.
   A study of urban society, its rise, development, organization, controls, and effects in modern civilizations. Three hours, first semester. 1:30 T., Th., F. Offered 1939-40.

115. Race Relations.
   Migrations and population problems. Racial and national prejudices, conflicts, and accommodations. Minority groups in society. Three hours, first semester. 9:00 M., T., Th. Offered 1939-40.

116. Social Teachings of the Prophets and Jesus. See Religion 108. Credited as sociology, if preceded by courses 1 and 2.

118. Crime and Delinquency.
   A causal study of criminal behavior and an analysis of methods of treatment and prevention. Prerequisite, 6 semester hours in sociology, or 6 hours in sociology and political science. Three hours, second semester. 9:00 M., T., Th.

C. Pre-social Work Courses

121. Fields of Social Work.
   A general survey of the main fields of modern social work, including case, group, and institutional work, and organization and promotion. Prerequisite, 9 hours in sociology including courses 1, 2. Three hours, first semester. 8:00 M., W., F.

123. Supervised Field Work.
   Practice field work in connection with various social work agencies in the community. Credit on the basis of 54 hours of field work and conferences per semester hour. One to three hours throughout the year. All majors in the department are expected to complete three hours in field work.

   A study of child life in American society with special consideration of child problems and means of promoting the well-being of children. Prerequisite, 9 hours in sociology, including courses 1, 2. Three hours, second semester. 8:00 M., W., F. Offered 1939-40.

126. Public Welfare.
   This course deals with the development, organization and function of public welfare, especially in the United States. Social change and modern problems in public welfare administration are discussed. Three hours, second semester. Omitted 1939-40.

D. Seminars and Special Courses

   Methods of collecting data, statistical and case study analysis, and preparation of a thesis are discussed in connection with the
original investigation carried on by each student. Open to graduates, or undergraduate majors with not less than 12 hours in sociology.

191, 192. Special Problems.
Other courses will be arranged to suit the needs of individual graduates or undergraduates with not less than 12 hours in sociology.

E. Summer Field Work
One or two hours of field work may be done during the summer months under the direction of an approved social agency.

EDUCATION
Assistant Professor Warner

The work in education is designed for the prospective teacher in the secondary school field and for any student who wishes to explore the field of education. There is an increasing need for lay participation in school affairs. Courses are organized to meet the needs of the layman who desires to take an intelligent part in the school affairs of his community, the social worker who is interested in visiting teaching, the professional student in education who is working toward certification. Courses 114 and 115 are suggested for those who wish to consider the cultural values to be found in the study of educational theories and leaders of the past and present.

Those students who wish to qualify for a teacher's certificate in the secondary schools of Michigan must present a scholarship record of not less than C average, a major of at least 24 hours, and two minors of 15 hours each in subjects taught in secondary schools; 20 hours in education of C grade or above, including courses 2, 115, 113, 131, 114 in sequence. Application for work toward certification should be made in the department of education at the beginning of the sophomore year. A comprehensive examination in education is required of all seniors. Only students who give evidence of good scholarship and general fitness for working with young people will be accepted as candidates for certification and admitted to practice teaching in the Kalamazoo schools.

The College Life Certificate will not be issued after June, 1939. However, a Secondary Provisional Certificate will be granted which will enable the holder to teach in the secondary schools of Michigan for a period of five years from the date of issue those subjects written into the certificate. A State Permanent Certificate will be granted at the end of the five year period to a candidate who has taught successfully in Michigan for three years and who has earned ten additional hours of residence credit in an approved Michigan educational institution.

1. General Psychology. See Psychology 1.

2. Educational Psychology. See Psychology 2.

A consideration of principles of psychology having to do with learning and teaching with special reference to the secondary school level. Prerequisite, course 1. Three hours, second semester. Sophomores.

113. Principles of Teaching.
Individual programs are organized to meet the needs of each student according to his field of endeavor. Observations are made in the schools; community educational projects are examined; case studies of secondary school pupils are made; home visitations are encouraged; text books are examined; units are developed; lessons are planned in harmony with the patterns thus evolved. Four hours. First semester, 9:00 M., T., Th., F. Seniors. Second semester, 2:30 M., T., Th., F. Juniors by permission of instructor. Prerequisite, course 2.

114. History of Education. See History 126.
To meet the interests and needs of those not planning to teach, as well as of those working toward certification. A consideration of educational theories and practices showing the relationship between education and the social, economic, political, and religious movements of their times in Europe and America. Present day leaders and movements are emphasized. Seniors. Others, by permission of instructor. Three hours, second semester. 9:00 M., T., Th.

115. Secondary Education.
A study of the American school system as a background for the special study of secondary education, including the field of educational service; secondary school issues; guidance; the curriculum; the pupils; the staff; the building. Not open to freshmen. Three hours, first semester. 2:30 T., Th., F.

116. Special Methods and Observation in French. See French 112.

117. Special Methods and Observation in English.
See Rhetoric 109, 110.
118. Special Methods and Observation in the Social Studies. See History 118.

119. Special Methods and Observation in Latin. See Latin 111.

131. Directed Teaching.
Seniors approved by the Director of Practice and the city school authorities may be admitted to the Kalamazoo schools for 5 semester hours (90 clock hours) of directed teaching if they have an average of C or above in Education, and are recommended by the head of the department of their teaching major. They must show evidence of high standards of general competence. Students are assigned to a cooperating teacher in one of the three junior high schools or the senior high school for regular classroom work. They are also expected to participate in any school activity which the cooperating teacher may direct, such as curriculum conferences, the parent-teacher association, remedial and tutorial work, guidance, the making of case studies, directing assemblies, clubs, homeroom, home visitations. Frequent conferences are held with the cooperating teacher. A seminar is held with the Director of Practice each Tuesday from four to six o'clock. Students are urged to carry a light academic and social program during the semester in which they elect to do this work.

191, 192. Special Courses.
- These are designed to meet the needs of seniors who expect to teach. Hours and credits to be arranged.

THE DEPARTMENT OF PHYSICAL EDUCATION AND HEALTH

Assistant Professor Barnard, Mr. Robinson, Miss Andrews, Miss Brown

The aims of the department are: 1. To stimulate an interest in wholesome recreational activities which may be carried on after leaving college. 2. To develop the ability of each individual to participate with reasonable success in certain recreational and leisure time activities. 3. To promote a program of theoretical and practical instruction in: (a) theory of sports and their administration; (b) principles of healthful living; (c) problems of community and social recreation. 4. To encourage participation in: (a) a well balanced program of varsity, freshman, and intramural athletics for men; (b) a well balanced recreational program of intramural and inter-society sports for women.

For Men
A thorough physical examination is required of each new student. Students with subnormal physical conditions are required to enroll in course M-7,8.

The department sponsors the following intercollegiate sports: football, basketball, track and field, golf, and tennis. Men on varsity and freshmen teams are given required physical education credit during the active practice period.

The following sports are included in the intramural program: touch football, basketball, swimming, water-polo, badminton, volleyball, soft-ball, tennis, track and field, ping pong, and bowling. This program is conducted on an inter-class and inter-society basis.

Course M-1, 2 is required of all freshmen. Two additional courses from the Recreational Activity program must be completed during the sophomore year.

Recreational Activities
M-1, 2. Recreational Sports and Personal Hygiene.
Instruction and practice in such activities as touch football, soccer, speedball, volleyball and playground ball. Weekly lectures by the College Physicians on matters of personal health and hygiene are also a part of this course. Required of all freshmen. Each semester.

M-3. Tennis and Badminton.
Instruction and practice in tennis and badminton. First semester.
M-4. Golf.
   Instruction and practice in golf. Second semester.

M-5. Tumbling.
   Individual and double tumbling. One evening per week. First semester.

M-6. Archery.
   Instruction and practice in archery. Second semester.

M-7, 8. Adapted Sports.
   This course is for students with subnormal physical conditions. It is designed to meet the individual needs, capacities, and interests through a varied sports program.

Theory and Practice

   The major sports (football, basketball, and track and field) are studied from the practical and theoretical side of offense and defense. Strategy of games, scouting, psychology of coaching, study of rules and officiating are covered. The student is required to help coach and officiate freshman and intramural games. Open to juniors and seniors. Two hours throughout the year.
   Mr. Barnard.

M-17. Health Education.
   A study of personal and social hygiene. Attention is given to the important communicable and preventable diseases and community health problems. Two hours, first semester.
   Mr. Robinson.

M-18. Community and Social Recreation.
   Review of the recreational movement and the role of various institutions in developing leisure time programs. Social recreation and its relation to home and community life. Open to juniors and seniors. Two hours, second semester.
   Mr. Robinson.

For Women

A thorough physical examination is required of each new student. Those students who are unable to participate in the regular class activities are required to take course W-7, 8.

Recreational Activities

W-1, 2. Group Activities and Personal Hygiene.
   Instruction and practice in such activities as tennis, badminton, tap and character dancing, tumbling, soccer, volleyball, basketball, soft-ball, and various group games and winter sports. Weekly lectures by the College physicians on matters of personal health and hygiene are also a part of this course. A year course required of all freshmen.

W-3, 4. Individual Activities.
   Offered during the course of the year to sophomores who desire to improve their skill in the activities of their choice such as tennis, badminton, archery, golf, horseback riding, swimming, and tap and modern dancing.

W-5, 6. Team Games.
   Offered in season to sophomores to improve their technique in soccer, basketball, volleyball, and soft-ball.

W-7, 8. Individualized Programs.
   Offered to freshmen and sophomore students needing special work such as corrective and remedial exercises, swimming, archery, horseback riding, and hiking.

Theory and Practice

   A study of interests, recreation, leisure time activities for elementary, junior and senior high school students, and adults. Open to juniors and seniors. Two hours, second semester.
   Miss Brown.
Suggested Courses

SHOWING PROFESSIONAL AND VOCATIONAL RELATIONSHIPS

Kalamazoo College is definitely committed to the ideals of a college of liberal arts and sciences. Having been first in the field among the chartered institutions of higher learning in Michigan, it has naturally adhered to that type of instruction which seeks primarily the enlargement and enrichment of the student's life rather than specific training for his subsequent vocation.

For students showing ability and purpose sufficient to warrant membership in college, those mental attitudes, methods and tastes which characterize a liberally educated person can usually be made dominant in the course of four years. Therefore, in order to accomplish its main and inclusive purpose, the College emphasizes the importance of the full four year course. Whatever profession or business may be followed later by our graduates, we feel obligated to see to it that an ample background of culture and the power of orderly thinking have been provided prior to training in professional technique or vocational skill. From this point of view it is important that our graduates have the equipment for living the kind of life which will bring them real satisfaction.

However, it must not be supposed that college life is a sheer luxury or that the disciplines of the curriculum have no worth or meaning for a livelihood. Since many college students are thinking of definite careers it is due them to relate certain subjects of the liberal arts course to some of the standard vocations. The outlines given below do no violence to the standards of a college of liberal arts and sciences but aim rather to make clear to the student those professional and vocational relationships that remain obscure when courses are announced solely under departmental headings.

FOUR YEAR COURSE LEADING TO BUSINESS

The course of study for special training in economics or business stresses the importance of breadth of viewpoint. The business executive or research director is concerned with the social and legal phases and implications of industry as well as the economic.

Hence the program for the first two years includes the fundamental requirements, rhetoric, modern language, laboratory

SUGGESTIONS FOR THOSE SEEKING TEACHER CERTIFICATION

Requirements for teacher certification vary in the different states. Those who intend to teach should consult with the department of education by the beginning of the sophomore year in order to plan a program designed to meet such requirements.

Numerous national committees investigating the curriculum for the education of teachers emphasize the importance of strong scholarship, an intelligent background in the major areas of human experience, adequate professional preparation, desirable habits, attitudes and interests, well-developed personal and social qualities. As teachers are called upon to direct or supervise many activities outside of the classroom, emphasis should be placed upon reasonable participation in such extra-curricular activities in college as dramatics, debating, musical organizations, coaching, newspaper writing, with the aim of being able to direct at least one activity in the secondary schools.

A candidate for teacher certification in Michigan must present a major of at least 24 hours and two minors of 15 hours each in subjects taught in the secondary schools, in addition to 20 prescribed hours in education, with at least a C average. The education requirements may be met by including Education 1, 115 and 113 in the junior year, and Education 131 and 114 in the senior year. Courses in special methods of teaching in the major and minor fields may also be elected.

COURSE FOR MEN WHO PLAN TO ENTER COLLEGES OF ENGINEERING

Note.—The major and minor work of all pre-engineering students should be done in physics and mathematics unless the student wishes to take up chemical engineering, in which case he may choose chemistry instead of physics for a major and modify the following outline accordingly. The student should keep in science, and the work introductory to all the social sciences, such as psychology, sociology, political science, philosophy, and economics.

In the third and fourth years, students interested in business administration are encouraged to take subjects that will give them a broad survey of the field and an appreciation of the fundamental principles and problems of production, distribution, finance, and management. Business needs men who are thoroughly trained in economic theories, well grounded culturally, and educated to think clearly and express themselves forcefully.
touch with the professor in charge of his major work, as well as with his faculty adviser. In the choice of electives the importance of obtaining a liberal education should be kept in mind.

**Freshman Year.**

The regular freshman schedule including Mathematics 1, 2, Chemistry 1, 2, a modern language. Freshmen who have had a year of high school physics should elect Physics 1, 2 instead of chemistry.

**Sophomore Year.**

Physics; Mathematics 10, 104; a course in sociology, political science, or economics (see requirements for graduation, page 46), and a modern language. In case the language requirement has already been met, the student should consult his adviser regarding an elective.

**Junior Year.**

Advanced physics throughout the year; electives. Mathematics 111 and 112 are recommended.

**Senior Year.**

Advanced physics throughout the year; any uncompleted work for the second minor; electives.

**COURSE LEADING TO JOURNALISM**

A broad general culture is fundamental to winning success on the higher levels of journalism. The course leading to journalism is in no sense vocational; its aim is to lay a broad foundation on which the student can build a career, not to provide him with a mere stepping-stone to a job.

The student is expected to take most of the courses in rhetoric that are offered. But since the journalist must not only know how to write but must have something to write about, the student should make contact with as many subjects as possible.

During the first year he should take courses in rhetoric, a foreign language, science, and history; and during the second year, literature, a foreign language, economics, religion, and rhetoric.

For the third year, literature, rhetoric, and psychology are suggested. The electives recommended include: sociology, economics, biology, history, literature, psychology, religion, etc.

During the fourth year the student should take an advanced course in literature and choose electives as in the third year.

**SUGGESTED COURSES**

- **COURSE FOR STUDENTS PREPARING FOR LAW SCHOOLS**

The recent movement in the direction of social science training for the lawyer has suggested the following program of undergraduate work. The first two years are given to required work and to acquiring a foundation in the social sciences. The work of the last two years is so organized as to provide sequences in philosophy, government, and in each of four fields of human relations. In addition to the program suggested below, the student must elect sufficient hours to total 120, so distributed as to provide for the required majors and minors.

Thus in the first two years the student will take the fundamental requirements of rhetoric, modern language, laboratory science, and the work introductory to all the social sciences, psychology, sociology, political science, economics, and some electives.

In the third and fourth years pre-legal students are advised to elect sequence 1 below and either 2 or 3; also two additional sequences from 4, 5, 6, and 7.

1. Philosophy: 1, 2, 104.
4. Personal Relations: Sociology 112; Economics 121; Political Science 117.
5. Social Relations: Sociology 121, 118; Political Science 125.
6. Commercial Relations: Economics 105, 106, 121; Political Science 112.
7. Industrial Relations: Economics 113, 123, 121; Political Science 115.

**COURSE LEADING TO MEDICINE**

The leading schools of medicine require at least two and in most cases three or four years of college work for entrance. In all cases a college degree is considered desirable, even where it is not required. Certain definite amounts of biology, chemistry, physics, and languages are required by all schools, but there are some differences in the amount and character of the work. For this reason the student should, as soon as possible, decide which school he desires to enter and plan his college course accordingly.

The Scholastic Aptitude Test for Medical Students is designed by the Association of American Medical Schools, and is given in more than six hundred colleges each year on the first Friday in December. Since most of the medical schools use the
Aptitude Test as a basis for selecting new students, every pre-med is urged to take this test during his junior or senior year in college.

To meet the requirements of the American Medical Association, the major work of students preparing for medicine is preferably taken in biology or chemistry, and their electives so planned as to include several courses in the field of the social studies.

**First Year.**

Biology 1 or 3, 4; Chemistry 1, 2; rhetoric; a foreign language.

**Second Year.**

First Semester: Biology 105; Chemistry 105; Mathematics 1, if necessary; a foreign language.

Second Semester: Biology 106 or 116; Chemistry 106; a foreign language; electives 3 to 5 hours, of which 2 may well be Chemistry 116.

**Third Year.**

First Semester: Chemistry 103; Physics 1; Psychology 1; English 1.

Second Semester: Biology 106 or 116; Chemistry 104; Physics 2; English 2, if desired.

**Fourth Year.**

First Semester: Philosophy 1, 3, or 5; Sociology 1; Biology 109; Chemistry 107; electives 5 to 6 hours.

Second Semester: Chemistry 108; electives 12 to 13 hours. Electives should be chosen in accordance with the requirements of the medical school selected, as well as with the requirements for graduation from this college. See page 46.

**COURSE FOR STUDENTS PREPARING FOR THE CHRISTIAN MINISTRY**

Students preparing for the Christian ministry should have a good foundation in Biblical literature, English literature, the biological and social sciences, and philosophy. The majority of theological schools no longer require Greek for entrance, but the student with aptitude for language will find that a reading knowledge of Greek is a valuable asset. The following program is suggested as meeting the requirements of most graduate schools of religion.

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**SUGGESTED COURSES**

**First Year.**

Rhetoric, Biology 1 or 3, 4, modern language, and History 1, 2 or Religion 1, 2.

**Second Year.**

English Literature 1, 2, modern language, Psychology 1, 2, Economics 1, 2, History 1, 2, or Philosophy 1, 2, Speech 11, 12.

**Third and Fourth Years.**

Courses should be chosen from religion, English literature, Greek, history, philosophy, political science, and sociology. Students who are actively engaged in church work will find it advisable to take the courses offered in religious education.

**PRE-SOCIAL WORK COURSE**

The following program provides a broad, general foundation during the first two years, and specialization along several different lines in the junior and senior years. The sequences below represent related problems in the general field of concentration, and take care of the required major and related minor. The other minor should be selected from the list of recommended courses following the sequences.

This program is intended to prepare students for graduate professional training, or temporary positions, in social work, industrial, personnel, and welfare departments, or social research. In the first two years, the student should meet the fundamental requirements in rhetoric, modern language, and laboratory science, and should, in addition, elect the introductory course in as many of the social sciences as possible.

In the third and fourth years, the student should elect sequence 1 below and two additional sequences from 2 to 8:

3. Personal and Family Relations: Sociology 113, 118; Political Science 108, 117; History 107, 108; Religion 108; Philosophy 103.
4. Personality: Sociology 2, 124; Psychology 111, 112.
5. Crime: Sociology 113, 118; Political Science 125.
6. Industrial Relations: Sociology 113, 115; Economics 113, 121, 122; Political Science 110, 115, 117.
7. Technology: Sociology 151; Philosophy 1; Economics 118.
8. Social Philosophy: Economics 121, 122; Philosophy 1, 5, 6, 103, 105; Political Science 106; Religion 108.

An additional minor should include one of the following sequences: Religion 111, 112; Biology 109, 112.
Honors and Prizes

HONORS FOR THE YEAR

Students who have satisfied the entrance requirements and who have completed at least twenty-eight hours of work, including the required work, each year of residence are eligible. Honors for the year are awarded to eligible students if they have earned 2.5 quality points per hour for the work of the year.

High honors for the year are awarded to eligible students who have earned 2.75 quality points per hour for the work of the year.

HONORS FOR THE COURSE

Honors for the course are awarded to eligible students if they have earned 2.5 quality points per hour for one-hundred twenty hours (ninety hours if they have been in residence only three years; sixty, if only two years).

High honors for the course are awarded to eligible students if they have completed one hundred twenty hours with 2.75 quality points per hour (no D work allowed during junior and senior years).

Recipients of honors for the course receive their degrees *Cum Laude*. Recipients of high honors for the course receive their degrees *Magna Cum Laude*.

HONORS FOR A MAJOR

Plan 1: Honors for a major are awarded to members of the senior class who have earned on average of 2.7 quality points per hour for all the work they have taken in their major subject.

Plan 2: Honors for a major are also awarded to seniors on the basis of a comprehensive examination covering at least two years' work in the major field and certain closely related fields. The object of the plan is to inspire the student to do a higher grade of intellectual work and to encourage him to cut across departments in the endeavor to master a field rather than merely to take a number of individual courses. The promise of aptitude for intensive, independent work, rather than mere ability to win high grades, is the determining factor in dealing with a student's application to become a candidate for honors in his major field. Students who wish to become candidates for honors under Plan 2 must make application to the Committee on Honors and Individualization not earlier than the beginning of their junior year and not later than the beginning of their senior year.

SCHOLARS GROUP

Those students of the junior and senior classes who have earned an average of two or more points per semester hour constitute the Scholars Group. Students entering from other colleges are not eligible until they have spent one year in residence in Kalamazoo College.

PRIZES

The College has approximately $300.00 to distribute each year in prizes. Eight of these prizes are endowed and the others are provided by annual contributions. Attention is called to the desirability of having all prizes permanently endowed. The following prizes are offered:

1. The William G. Howard Memorial Fund, endowed to the sum of $4,000, one-half of the interest on which is applied to prizes in political science and economics, while the other half is used toward the professorship in political science, is endowed by Harry C. Howard in memory of his father, William G. Howard, B.S., 1867, for many years a
trustee of the College. One prize is awarded for excellence in any year’s work in political science. One prize is awarded to that member of the graduating class who has done the best work in a major in the department of Economics.

2. The Sherwood Prize, endowed to the sum of $250.00 by the late Rev. Adiel Sherwood, D.D., of St. Louis, is given for the best delivery of a declamation by a freshman at a public contest.

3. The Cooper Prize, endowed to the sum of $250.00 by the late Charles Cooper, Esq., of White Pigeon, is given for the best delivery of an oration by a junior or a senior.

4. The Winifred Penke Jones Prize, endowed to the sum of $500.00 by the late Mr. W. O. Jones, is given for excellence in the first year’s work in biology.

5. The LeGrand A. Copley Prize in French is endowed to the sum of $200.00. This prize, established by the late Mr. LeGrand A. Copley, M.A., 1867, is awarded for excellence in the second year’s work in French.

6. The Stone Prize is endowed to the sum of $500.00. On account of a gift to the College from the Sarah Messer Thurston estate, the trustees have established an annual prize for excellence in the department of Education to be known as the Stone Prize, in honor of J. A. B. Stone, D.D., president of the College from 1843 to 1863.

7. The O. M. Allen Prize, endowed to the sum of $250.00 by the family of Mrs. J. D. Clement, is given for the best essay written by a member of the freshman class.

8. The Hodge Prizes. Two prizes, a first and a second, established in memory of the Rev. Marvin G. Hodge, D.D., are awarded to those members of the graduating class who, having taken at least a minor in philosophy, have the highest standing in this field.

9. The Todd Chemistry Prize. This prize, established by the late Albert M. Todd, is given for excellence in the first year’s work in chemistry.

10. The Todd Sociological Prize. This prize, established by the late Albert M. Todd, is given for excellence in work in sociology in the junior year.

11. The Upjohn Prizes. These prizes, offered by the Upjohn Company, are awarded for excellence in any year’s work in chemistry, except courses 1 and 2.

12. The Oakley Prize. This prize, offered by Mrs. C. W. Oakley, is awarded to that member of the graduating class who has the highest record for the entire college course.

13. The Balch Prize in American History. This prize offered by the Hon. J. B. Balch, is awarded to that member of the graduating class who has done the best work in the field of American history.

14. The Allen Prize. This prize, offered by Mr. Gerald H. Allen, is awarded for the best year’s work in advanced physics toward a major.

15. Kalamazoo College Athletic Association Medal. To encourage a high standard of excellence in scholarship and athletics the Athletic Association of Kalamazoo College awards a gold medal to that man of the senior class who in the opinion of the faculty has most successfully combined high scholarship with athletic prowess during his four years in college.

16. The Clarke Benedict Williams Prize in Mathematics is in process of being endowed to the sum of $500.00. This prize, offered by the mathematics majors of the Class of 1923, is awarded to that member of the graduating class who has made the best record for his college course in mathematics and the allied sciences.
17. The Grant Prize. This prize, established by Miss Florence E. Grant, is awarded to that woman of the senior class who in the judgment of a committee best combines excellent academic record and leadership in student affairs.

18. The Mrs. R. E. Olds Prize in English Literature. This prize, established by Mrs. R. E. Olds of Lansing, is awarded to that senior majoring in English literature who has maintained the best academic record in this subject throughout the last three years of his college course.

HONORS DAY

Honors day is observed by the College early in the first semester of each year. On this occasion all scholarship honors and prizes for the preceding year are awarded, except those given to seniors at the preceding commencement.

Degrees, Honors, and Prizes

DEGREES CONFERRED

1928

Doctor of Laws

Claude M. Harmon ______________ Detroit

Doctor of Education

Claude Valentine Courter, M.A. ____________ Cincinnati, Ohio

Doctor of Divinity

Wilbur Nelson, B.A., B.D. _________________ Newport, R.I.

Master of Science

Arthur Edward Heming, Jr., B.A. ___________ Detroit

John Peter Lambooy, B.A. _________________ Kalamazoo

Master of Arts

Homer MacVean Elwell, B.A. _______________ Kalamazoo

Bachelor of Arts

Jollie News Allen ______________ Kalamazoo
Julian Anthony Appeldoorn __________ Kalamazoo
Raywood Helmer Blanchard ______________ Kalamazoo
Edward Donald Born _____________ Allegan
*William Enos Burt—Magna Cum Laude __________ Martin
Elwin Francis Buskirk ____________ Bradley
Bette Rush Clements ________________ Wausau, Wis.
Richard Allen Correll _____________ Benton Harbor
*Donald Lane Davidson _____________ Shelby
Ruth Alice DeSmit _______________ Kalamazoo
*Ann M. Draper—Cum Laude ___________ Flint
Wilson G. Eby ________________ Cassopolis
Kenneth Fisher Farley ____________ Hancock
*Adeline Minnie Fawcett—Cum Laude __ Wayton, Ark.
*Donald Laverne Fowler ___________ South Haven
Ruth Helen Gildersleeve ___________ Jackson
*Member of the Scholars Group
HONORS AND PRIZES

HONORS

High Honors for the Year 1937-1938

James Barclay
David Fry
Margaret Hootman
David Kurtz
Robert Maunder
Jack Pierce
Frances Ring
Sadie Sahler
Elizabeth Shaler

Alfred Nuthall
Newton Odell
Dorothy Powell
Gordon Preston
Ruth Schroder
Ruth Sinclair
Leona Snyder
Marjorie Spitzer
Jewel Starkweather
Charles Tait
Arleta Turner
Helen Whiteside
Barbara Worth
Eugene Yehle

Honors in a Major

Plan 1. (2.7 quality points per hour)

William Burt Chemistry
Donald Davidson Biology
Wilson Eby Political Science
Adeline Fawcett French
Walter Graham Biology
Gustave Moessen Chemistry
Lewis Neelands Physics
Mary Palmer Latin
Dorothy Powell French
Clarence Rice Biology
Marjorie Spitzer History
Mildred Spitzer History
Barbara G. Taylor History
Arthur Whiteley Biology

*Walter Lambert Graham Kalamazoo
*Robert Edward Heerens Evanston, Ill.
*Robert James Henderson Kalamazoo
Sarah Currier Hill Laonia, N.H.
Halbert Thomas Jacobs Kalamazoo
Ronald Richard Jennings Watervliet
Karl William Lamboy Kalamazoo
Katherine Ann Locher Kalamazoo
Mary Rita Locher Kalamazoo
*Eugene Clifford McKean—Cum Laude Watervliet
Barbara Jane McKinstry Kalamazoo
*Gustavie William Moessen—Magna Cum Laude Kalamazoo
Carlton Howard Morris Kalamazoo
Charles LeGrand Morse Lansing
*Lewis James Neelands—Cum Laude St. Johns
Donald Dale Nibbelink Kalamazoo
*Alfred Jack Nuthall—Cum Laude Kalamazoo
*Mary Elizabeth Palmer—Magna Cum Laude Birmingham
* Dorothy Elizabeth Powell Sturgis
John Rolfe Power Kalamazoo
William Harryman Rapley Kalamazoo
* Clarence Walter Rice Buchanan
*Ada Lillian Rutz Kalamazoo
*Ruth Helen Schroeder Marshall
*Ruth Leoda Sinclair—Cum Laude Climax
John Baden Somers Kalamazoo
*Marjorie Louise Spitzer Hart
*Mildred Lucille Spitzer Hart
*Elizabeth Kelly Stern Cherokee, Ia.
Vivian Adella Summers Lansing
*Barbara Gerber Taylor—Cum Laude Otsego
*Barbara Rachel Taylor Dowagiac
Henry John Theunissen—Cum Laude Kalamazoo
*Floyd Van Domelen—Cum Laude Muskegon
William Brady Ver Hey Kalamazoo
Jean Klaerr Walsh Kalamazoo
Rosemary Walton Kalamazoo
*Dale Hudson White Cepemish
*Arthur Henry Whiteley—Magna Cum Laude Dowagiac
*Elena Marcia Whiteside—Cum Laude Niles
Robert Henry Wolfe Detroit
Donald Robert Wyman Kalamazoo
*Member of the Scholars Group
THE SCHOLARS GROUP FOR 1938-39

Russel Baker  Mary Louise Holmes  Henry Royce
James Barclay  Albert Homoki  Sadie Sahler
Pauline Bohls  Clair Hunter  Wilfred Shale
John Braham III  Eleanor Johnson  Marion Shane
Orval Clay  David Kurtz  Donald Simpson
Priscilla Crum  Evelyn Lee  Sidell Slosberg
Gerhard Diem  Hadassah Magnus  Leona Snyder
Kathryn Farwell  Jane Merson  Geraldine Ter Beck
David Fry  Edward Pearsaul  Charles Thompson
Cleora Gagnier  Jack Pierce  James Tollezizen
John Grabber  Frances Ring  Virginia Walton
Helen Helrigel  Chester Ross

PRIZES, 1937-38

The William G. Howard Prize in Political Science—Donald Simpson

The William G. Howard Prize in Economics—Eugene McKean

The Sherwood Prize in Declamation—Ellen Jones

The Winifred Peake Jones Prize in Biology—
Equally divided between:
Frances Ring
Elizabeth Shaler

The LeGrand A. Copley Prize in French—Helen Helrigel

The Stone Prize in Education—Mary Palmer

The O. M. Allen Prize in Freshman Essay—Robert Taylor

The Hodge Prizes in Philosophy—
First: Carlton Morris
Second: Jean Walsh

HONORS AND PRIZES

The Todd Chemistry Prize—Robert Taylor

The Todd Sociological Prize—Mary Louise Holmes

The Upjohn Prizes in Chemistry—
First: James Barclay
Second: Gustave Moessen

The Oakley Prize for the Entire Course—Arthur Whiteley

The Allen Prize in Physics—Lewis Neelands

The Kalamazoo College Athletic Association Medal—Harryman Rapley

The Clarke Benedict Williams Prize in Mathematics and Allied Sciences—Gustave Moessen

The Grant Prize for Scholarship and Leadership—Mary Palmer

The Mrs. R. E. Olds Prize in English Literature—Barbara Rachel Taylor

The Balch Prize in American History—
Equally divided between:
Marjorie Spitler
Mildred Spitler

The Special Prize in Chemistry—Robert Heerens

The Special Prize in German—Ethel Masselink
Students of the College

Graduates

Abernathy, Edythe Sociology New York, N.Y.
Burt, William Chemistry Martin
Hughes, Estella Sociology Kalamazoo
VanDomelen, Floyd Political Science Shelby
VanZandt, Wayne Sociology Kalamazoo

Seniors

Allan, James Barr Sociology Waterbury, Conn.
Baldwin, George Chemistry Salt Lake City, Utah
Barclay, James Alexander Chemistry Kalamazoo
Bittner, Alvin Carl Political Science St. Joseph
Blaylock, Jane Biology Evanston, Ill.
Bohis, Pauline Elizabeth English Literature Evart
Braham, John Joseph III Economics Long Beach, N.Y.
Brown, William Frankling Economics Kalamazoo
Buntaine, Robert Ralph Physics Kalamazoo
Burpee, Orlo V. English Literature Kalamazoo
Chapman, Dorothy Virginia History Flint
Colburn, Harlan Austin Jr. Chemistry Battle Creek
Cox, Judith Amelia English Literature Chicago, Ill.
Crum, Priscilla Art Kalamazoo
Dye, Virginia English Literature Kalamazoo
Farwell, Kathryn M. English Literature Coldwater
Gagnier, Cleora Elizabeth Economics Kalamazoo
Gillespie, Robert Orlando Sociology Saginaw
Goosby, Robert Morton Social Science Ithaca
Gordon, Edith Belle Sociology Kenosha, Wis.
Gordon, Mary Louise Sociology Kenosha, Wis.
Grabber, John LeRoy Political Science Kalamazoo
Harlow, Ivan Frank Political Science Midland
Harry, Sidney Snook History Berkley
Hinga, Kenneth Glenn English Literature Kalamazoo
Holmes, Mary Louise Sociology Flint
Homoki, Albert Political Science Kalamazoo
Hotelling, Robert Duane English Literature Flint
Howard, Joseph James Chemistry Augusta, Wis.
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Oklahoma                                          3
Cuba                                              1
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Legal Form of Deeds and Bequests

A deed to the College should be of the same form as a deed to a natural person, except that the correct name of the College should be inserted as the grantee. The name is "The Kalamazoo College." For the sake of identification it would be well to make the name of the grantee in the deed as follows: "The Kalamazoo College, a corporation organized and existing under the laws of the State of Michigan, and located at the City of Kalamazoo in said State."

A bequest in a will would be legally correct if it read as follows: "I give, devise, and bequeath unto The Kalamazoo College, a corporation organized under and by virtue of the laws of the State of Michigan and located in the City of Kalamazoo, in said State, the sum of.........................Dollars."

If it is desired to bequeath real estate or personal property other than money, the description of the real estate or of the personal property should be in the place of the specific sum of money.
For information concerning Kalamazoo College address

The President's Office,
Kalamazoo College,
Kalamazoo, Michigan.