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 is offered in the humanities, the natural sciences, the social sciences, and the fine arts, and social participation is encouraged in sports, forensics, dramatics, and social and civic responsibilities. 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.
Board of Trustees

Term Expires in 1938

<table>
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<tr>
<th>Name</th>
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<tr>
<td>M. Forest Ashbrook, Ph.B., B.D.</td>
<td>Yonkers, N.Y.</td>
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<td>Herbert H. Garower, LL.B.</td>
<td>Birmingham, N.Y.</td>
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<td>Claude M. Harmon</td>
<td>Lansing, Mich.</td>
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<td>Grant M. Hudson, B.A.</td>
<td>Detroit, Mich.</td>
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<td>Bernard L. Johnson, B.A.</td>
<td>Chicago, Ill.</td>
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<td>L. W. Sutherland</td>
<td>Kalamazoo, Mich.</td>
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<tr>
<td>Maynard O. Williams, Ph.B., B. Litt., Litt.D.</td>
<td>Washington, D.C.</td>
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<td>Smith G. Young</td>
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<td>John W. Hoag, B.A., M.D.</td>
<td>Detroit, Mich.</td>
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<td>Lewis H. Kirby, LL.B.</td>
<td>Kalamazoo, Mich.</td>
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<td>John Nuveen</td>
<td>Chicago, Ill.</td>
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<td>Fred O. Pinkham, B.A.</td>
<td>Jackson, Mich.</td>
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<td>Raymond H. Smith, B.A.</td>
<td>Detroit, Mich.</td>
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<tr>
<td>E. L. Yaple, B.S., LL.B.</td>
<td>Kalamazoo, Mich.</td>
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<tr>
<td>Charles S. Campbell</td>
<td>Kalamazoo, Mich.</td>
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<td>Ainsworth W. Clark, B.A., LL.B.</td>
<td>Chicago, Ill.</td>
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<tr>
<td>Donald S. Gilmore</td>
<td>Kalamazoo, Mich.</td>
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<td>Florence E. Grant</td>
<td>Birmingham, Ala.</td>
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<td>Orin G. Quick, B.S.</td>
<td>Manistique, Mich.</td>
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<td>Edgar R. Young, B.S.</td>
<td>Jackson, Mich.</td>
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OFFICERS OF THE BOARD

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<th>Name</th>
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<tr>
<td>Claude M. Harmon</td>
<td>Chairman</td>
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<td>Harry C. Howard</td>
<td>Vice-Chairman</td>
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<td>Floyd R. Olmsted</td>
<td>Secretary</td>
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<tr>
<td>Charles S. Campbell</td>
<td>Treasurer</td>
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<tr>
<td>Merrill W. Taylor</td>
<td>Assistant Treasurer</td>
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<tr>
<td>H. Clair Jackson</td>
<td>Attorney</td>
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STANDING COMMITTEES OF THE BOARD

EXECUTIVE COMMITTEE:

FINANCE COMMITTEE:
Enos A. DeWaters, Chairman, Lewis H. Kirby, Herbert H. Gardner, Charles S. Campbell, L. W. Sutherland, Paul B. Moody.

COMMITTEE ON BUILDINGS AND GROUNDS:

COMMITTEE ON FACULTY:

SPECIAL COMMITTEES OF THE BOARD

HOAKEN MEMORIAL ORGAN FUND COMMITTEE:
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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 1938

Mrs. M. Forest Ashbrook
Mrs. John E. Carr
Mrs. L. J. Goux
Mrs. Frederick M. Hodge
Mrs. Milton M. McGorrill
Mrs. J. A. Pitkin

Mrs. Enos A. DeWaters
Miss Florence Grant
Miss Blanche W. Hull
Mrs. Floyd R. Olmsted
Mrs. Floyd R. Olmsted, President

Term Expires in 1939

Mrs. George L. Bennett
Mrs. Enos A. DeWaters
Miss Florence Grant
Mrs. R. E. Olds
Mrs. Floyd R. Olmsted

Term Expires in 1940

Mrs. Charles S. Campbell
Mrs. C. E. Clifton
Mrs. Harry C. Howard
Mrs. Grant M. Hudson
Mrs. D. T. Magill
Mrs. H. E. Schweitzer
Miss Genevieve Chase, ex officio

Officers of the Council

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

Administrative Officers and Assistants

STEWART GRANT COLE, PH.D. ................................................ Presiden
SHERWOOD GATES, PH.D. ....................................................... Dean
JUSTIN H. BACON, M.A., LITT.D. ........................................... Registrar and Secretary of the Faculty

*WILLIS F. DUNBAR, M.A. ..................................................... Dean of Men
GENEVIEVE CHASE, PH.D. ....................................................... Dean of Women
FRANK B. BACHELOR, B.A., D.D. ............................................ Business Manager
ALICE BROWN MERRIMAN, M.S. ............................................... Acting Librarian
HELEN M. BOWIE, M.A. ......................................................... Assistant to Librarian
MARY MUNRO WARNER, PH.B. ............................................... Director of Teacher Placement Bureau

PAUL C. STAKEY, B.A. ......................................................... Director of Publicity and Alumni Relations
LOUIS C. REMYNE, B.A. ....................................................... Superintendent of Buildings and Grounds

MARGARET I. BOWIE, B.S. ..................................................... Director of Women's Residence and College Dining Hall

GILMER G. ROBINSON, M.S. .................................................... Director of Hoben Hall
KATHERINE STEIGEMETER, B.A. ................................................ Secretary to the President
MIRIAM WARFIELD FREEMAN ................................................ Secretary to the Business Manager
SARAH C. HALL, R.N. .......................................................... Resident College Nurse

ELINOR REPLET, B.A. .......................................................... Secretary to the Director of Publicity and Alumni Relations

CARLOTTA B. HAMMOND ....................................................... Secretary to the Deans

* On sabbatical leave 1937-38
The Faculty

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

STEWART GRANT COLE, President and Professor of Philosophy. (1926)
B.A., McMaster University, '16; B.Th., '18; M.A., University of Chicago, '19; B.D., '20; Ph.D., '25; assistant professor of religious education, Carleton College, '23-'24; professor of religious education, Crete Theological Seminary, '24-'36.

SHERWOOD GATES, Professor of Education; Dean of the College. (1935)
B.A., Hendrix College, '21; B.D., Southern Methodist University, '24; M.A., '26; Ph.D., Yale University, '33; instructor in economics, Southern Methodist University, '25-'26; instructor in education, Yale Graduate School, '34-'35; professor of education and philosophy, Hendrix College, '34-'35.

GENEVIEVE CHAM, Professor of Psychology; Dean of Women. (1937)
B.A., University of Oregon, '06; M.A., Columbia University, '20; Ph.D., University of Iowa, '35; professor of psychology, Western Illinois State Teachers College, '23-'37.

JUSTIN HOMER BACON, Professor of French; Secretary of the Faculty; Registrar. (1907)

LEMUEL FISH SMITH, Professor of Chemistry. (1911)

HERMON HARRISON SEVERN, Professor of Greek and Latin, Emeritus; Dean, Emeritus. (1916)
B.A., Denison University, '96; M.A., University of Chicago, '21; D.Th., Hildesdale College, '35; professor of Greek, Central College, '33-'35; dean and professor of Greek and German, '35-'36; fellow, University of Chicago, '12-'13; professor of Biblical literature, Hildesdale College, '13-'14.

MILTON SIMPSON, Professor of English Language and Literature. (1919)

ROBERT FRANKLIN CORNELL, Professor of Political Science. (1919)
B.A., Cornell College, '19; J.D., University of Michigan, '23.

THOMAS ORR WALTON, Olney Professor of Mathematics. (1921)
B.A., Kalamazoo College, '14; M.S., University of Chicago, '26; Ph.D., University of Michigan, '35; professor of mathematics, William and Virginia Vestal Professor of Mathematics, Colorado School of Mines, '33-'35; assistant professor of mathematics, Michigan State College, '23-'24.

JOHN WESLEY HORNBECK, Professor of Physics. (1925)
B.S., Illinois Wesleyan, '06; M.A., University of Illinois, '07; Ph.D., '13; assistant in physics, Cornell University, '13-'14; instructor in physics, University of Illinois, '14-'15; assistant professor of physics, Carleton College, '15-'17; professor of physics, '17-'25.

LUKE JOHN HEMMES, 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, '25-'25; professor of German, University of Dubuque, '25-'25.

ALEN BYRON STOWE, 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.

ARNOLD MULDER, Professor of English. (1929)

MARMIL HILLER DUNSMORE, Professor of Religion. (1929)

FRANCES DRECHSL, Associate Professor of Biology. (1923)

CHARLES TRUE GOODMILL, Associate Professor of History. (1928)

LYMAN SPICE PUDG, Associate Professor of Speech. (1917)
B.A., Albion College, '21; M.S., University of Michigan, '29; Ph.D., University of Wisconsin, '33; assistant professor of English, division of speech, University of Illinois, '34-'36; acting chairman, department of speech, University of Wisconsin Extension Division, '36-'37.

LEPA TAYLOR WORTH, Assistant Professor of English. (1919)
B.A., Albion College, '11; M.A., University of Michigan, '15.

CHESTER SMITH BARNARD, 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, '20-'24; head football coach, Mississippi University, '24-'25.
MARY MUNKO 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, '26-28.

*Willis Frederick Dunbar, Assistant Professor of History; Dean of Men. B.A., Kalamazoo College, '24; M.A., University of Michigan, '31.

GILMER GEORGE GLADYS ANDREWS, PAUL HOWARD STANLEY SEIFERT, HENRY OVERLEY, RAYMOND LEE CAREY VIRGINIA ELIZABETH EARL, WILLIS MARY MUNRO.


WILLIAM SPARLING JENKINS, Assistant Professor of Music; Director of Musical Organizations. B.A., Acadia University, '22; B.D. Crozer Theological Seminary, '30; M.T., M.A., University of Pennsylvania, '26; Ph. D. University of Chicago, '33.

RAYMOND LEWIS HILLTOWER, Assistant Professor of Sociology. B.A., University of Richmond, '23; B.D. Crozer Theological Seminary, '30; M.T., M.A., University of Pennsylvania, '26; Ph. D. University of Chicago, '33.

HENRY OVERLEY, Assistant Professor of Music; Director of Musical Organizations. Associate, American Guild of Organists; teacher's diploma, Sherwood Music School, Chicago, '19.

HOWARD STANLEY SEIFERT, Assistant Professor of Physics. B.S., Carnegie Institute of Technology, '21; M.S., '24; Ph.D., California Institute of Technology, '31; assistant in physics, '34-37.


GLADYS ANDREWS, Instructor in Physical Education for Women. B.A., Western State Teachers College, '24; certificate in physical education.

GILMER GEORGE ROBINSON, Instructor in Physical Education; Director of Intramural Athletics. B.S., Catawba College, '33; B.S., George Williams College, '36, M.S., '37; assistant in physical education, University of Illinois Summer Session, '37.

On sabbatic leave, '37-38.


FREDERICK WILLIAM HEYL, Lecturer in Chemistry; Research Director for Upjohn Scholars. Ph.D., Yale University, '04; Ph.D., '08; Sc.D., Kalamazoo College, '07; assistant chemist, Bureau of Chemistry, U.S. Dept. Agriculture, '09-12; instructor in chemistry, University of Wyoming, '10; assistant professor, '11; professor of chemistry, '12.

EDWARD C. RUTZ, Special Lecturer in Problems of City Administration. Manager of the City of Kalamazoo.

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, '19; studied organ with Wilhelm Middelschulte, David McK. Williams, and Palmer Christian.


ESTHER DEAN RAMMUSSEN, Teacher of Violin. Graduate, Lawrence College Conservatory, '16; graduate study with Herbert Butler and Herman Pelzer; 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.

*Willis Frederick Dunbar, Director of Band. B.A., Kalamazoo College, '24; M.A., University of Michigan, '31.

EDWARD CARLTON RUSSEY, Acting Director of Band. B.A., Kalamazoo College, '30.

On sabbatic leave, '37-38.
COMMITTEES OF THE FACULTY
Academic and Administrative

1. ADMISSIONS: Bacon, Chase, Gates, Stowe.
2. ALUMNI RELATIONS: Staake, Earl, Smith, Stowe, Walton.
4. CHAPEL: Gates, Chase, Hornbeck, Hightower, Overley.
5. COMMUNITY RELATIONS: Staake, Cornell, Bachelor, Chase, Ganong, Gates, Warner.
6. CURRICULUM: Goodsell, Bacon, Chase, Cornell, Diebold, Gates, Hemmes, Hornbeck.
7. FIELD WORK: Staake, Bachelor, Chase, Gates, Goodsell.
8. GRADUATE STUDIES: Hemmes, Cornell, Dunsmore, Hightower, Hornbeck, Stowe.
9. GRADUATE SCHOLARSHIPS AND FELLOWSHIPS: Smith, Ganong, Simpson.
10. HONORS AND INDIVIDUALIZATION: Hornbeck, Bacon, Cornell, Ganong, Hemmes.
11. LIBRARY: Goodsell, Cornell, Diebold, Hemmes, Merriman.
15. STUDENT AID: Bachelor, Chase, Gates, Goodsell.

Student Relations

2. AUDITING ACCOUNTS OF STUDENT ORGANIZATIONS: Walton, Bachelor, Ganong, Seifert.
3. LITERARY SOCIETIES: Men's—Stowe, Judson, Seifert, Walton.
   WOMEN'S: Earl, Judson, Mrs. Seifert, Worth.
4. MUSICAL ORGANIZATIONS: Overley, Chase, Seifert.
5. RELIGIOUS ACTIVITIES: Dunsmore, Batts, Chase, Gates, Goodsell, Smith.
7. STUDENT PUBLICATIONS: Simpson, Bachelor, Mulder, Staake, Worth.

Council on All-College Relations

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 various professions and occupations are held from time to time.
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 1834, 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 Hinadale 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. Wilcox, 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 expansion. 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.

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 Or-
KALAMAZOO COLLEGE

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.

GENERAL INFORMATION

R. E. Olds Science Hall

The R. E. Olds Science Hall, built in 1927, houses the physics and chemistry laboratories. 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, Charter 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 at a nominal rental.

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, an infirmary, and an office for the Dean of Men.

The building is divided into two sections, connected only by the lounge on the first floor. Each section has a shower
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 kitchens, a spacious living room, a playroom, a sun parlor, and an infirmary.

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 June 1, 1938, was 27,896, including 3,575 bound volumes of periodicals. One hundred eighty-five periodicals are regularly received, of which twenty-five are being bound for future reference.

The annual expenditure for books and periodicals is approximately $3,000. In addition, other books, pamphlets, reports, and magazines are frequently received from various donors.

The outstanding gifts of the year were the books received from Dean Hermon Severn upon his retirement and from the library of the late Dr. E. A. Balch, former professor of history at Kalamazoo College. Dean Severn’s books were largely in the field of Latin, ancient history, Biblical literature, and travel. Dr. Balch’s books included works on many periods of history and a most unusual and valuable collection of contemporary World War pamphlets.

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:

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<tr>
<th>Time</th>
<th>Days</th>
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<tr>
<td>7:45-4:45</td>
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<tr>
<td>7:45-4:45</td>
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<td>7:45-12:00</td>
<td>noon Sat.</td>
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<tr>
<td>2:00-5:00</td>
<td>Sun.</td>
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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 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.

Senate dues of fifty cents per semester, fixed by the students, are collected through the Business Office.

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 Glinling banquet and the scholarship for a student in Glinling 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.

Dues of fifty cents are collected each semester through the Business Office.

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 Treadway Gymnasium are available for the use of the societies, thus enabling each organization to have a regular meeting place.

The College Singers

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.

Men's Glee Club

This 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.

Gaynor Club and Women's Chorus

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.

The Orchestral Ensemble

Players of strings, wood-winds, and other orchestral instruments are offered in this organization 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 College Band

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.

The Drama Club

This club was organized in 1919 for the purpose of offering students with dramatic talent opportunity for further development. Membership is open to all students who are interested in any phase of dramatic activity. A series of one act plays is usually presented by the club during the year in addition to the traditional full-length spring production and an outdoor melodrama which is a widely acclaimed campus activity.

Regular meetings are held throughout the year, with speakers and programs arranged by the members. An exchange meeting with the Western State Teachers College Players was held this year.

Productions of the club during 1936-37 included Bernard Shaw’s “Apple Cart”, and “Ten Nights in a Barroom.”

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.

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.
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 of 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. In 1936-37 the regional Pi Kappa Delta convention was held on the local campus; in 1937-38 Alpha chapter was represented at the National Student Legislative Assembly and Pi Kappa Delta Tournament at Topeka, Kansas.

All students who are eligible may participate in the many curricular and extra-curricular dramatic and forensic activities on the campus. During 1937-38 new drapes were purchased for the Bowen Hall stage. On this stage are presented the various on-campus dramatic productions. The Civic Auditorium stage is used for off-campus productions. A Drama Club is open for all students interested in dramatics. The senior class presents a play shortly before Commencement.

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

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, must be subordinate to the academic interests of the contestants and of the College as a whole, and
must be conducted on a high plane of sportsmanship.

In order to secure these ends, the department of Physical Education, inclusive of intercollegiate athletics, is conducted as any other department of the College. Eligibility rules are strictly maintained, and students whose college work is unsatisfactory are not allowed to take part in intercollegiate contests.

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 a 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 health service is supported by a special fee levied upon all members of the student body. It includes a physical examination by a physician and minor medical care for all students. There are also such constructive health activities as seem desirable and possible. This service is available to town students as well as those residing on the campus. In each student residence, there is an infirmary under the supervision of a trained nurse. The fee for this service is $1.00 per person per semester.

RESIDENCE AND BOARDING

All out of town students are expected to live in the college residences unless excused by the deans. A uniform rental fee of $72.00 per person per semester is charged and is payable in advance. An additional charge of $28.00 per semester is made for the privilege of occupying a double room alone. Rooms must be vacated at the beginning of the Christmas, spring, and summer vacations.

Applications and Deposit:

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 detailed 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.

Rental fees and room reservation fees are payable at the Business Office of the College. Key deposits and house dues are payable at the office in Hoben Hall.

Women:

Each room accommodating two persons is comfortably furnished with twin beds, regulation study table, chairs, mattresses, pillows, one wool and one double cotton blanket. Bed linen and maid service are also provided. Students supply extra bedding, spreads, towels, window curtains, and closet curtains where necessary.
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.

**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.

**Board:**

All out of town men and women are required to board in the College Dining Hall, unless excused by the deans. It is understood that the price of board is not quoted by the day or week, but by the semester. Board is not provided during any of the listed vacation periods. Board is $108.00 per semester, payable in advance, though students may arrange to pay $27.00 at the beginning of the semester and the same amount each 30 days thereafter until the last payment is made.

**Payments and Refunds**

Payments of accounts due the College must be arranged at the opening of each semester. Academic fees may be paid $50.00 at the beginning of the semester and $50.00 at mid-semester. Board may be paid in four installments.

Refund for board is not made for an absence of two weeks or less, nor for the first two weeks of a prolonged absence. In no case is more than seventy-five per cent of the remaining credit refunded. Refund of tuition is not made except in case of sickness necessitating an absence of a half semester or more, in which case half tuition is refunded. It is understood that rooms are engaged for the semester; no refund of room rent is made.
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 Student Aid 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 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 seven hundred fifty dollars a year, is given by the Upjohn Company of Kalamazoo. This scholarship is awarded by the Upjohn Company 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 GILMORE FELLOWSHIP IN APPLIED SOCIOLOGY

Purpose. To provide for graduate work in sociology at Kalamazoo College, and to help prepare social workers by that means, Mr. and Mrs. Donald S. Gilmore, of Kalamazoo, have established The Gilmore Fellowship in Applied Sociology.

Conditions of Appointment. Any Senior majoring in sociology in an approved college or university, or any graduate not more than two years out of college or university, who has majored in sociology, is eligible to apply for this fellowship.

Value. The Gilmore Fellowship carries a stipend of $800.00 for the year. From this amount college fees of $180.00 and matriculation fee must be paid. Payments to the successful applicant will be made in four equal installments of $200.00 each, on the 20th day of September, December, February, and April.

Nature of Work. The work of the year includes advanced courses in the department of Sociology and in related departments. Training in field work is directed by members of the American Association of Social Workers and is done in association with the approved social agencies of the city of Kalamazoo, with which the College has enjoyed close cooperation for a number of years. Departmental service to an amount not to exceed ten hours a week is expected of the holder of the fellowship.

Candidates may secure the necessary application forms by writing the Secretary of the Faculty, Kalamazoo College, Kalamazoo, Michigan.

Applications should be in by March 15. The award is announced about April 15.
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 college fees of $180.00 and the usual matriculation fee 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.

Admission

GENERAL REQUIREMENTS

Graduates of approved high schools are admitted to the College on the presentation of satisfactory certificates* of work done, and of recommendations for admission signed by the principal of the school.

These certificates should be submitted in advance to the Registrar and will be accepted only in so far as they give detailed statements of the extent and grade of preparatory work. A statement of entrance requirements will be found on the pages following.

The list of approved schools includes all schools approved by the North Central Association of Colleges and Secondary Schools, all schools approved by the University of Michigan, and certain other schools whose graduates have proved satisfactory.

Candidates must also make application for admission on blanks furnished by the College and give information as therein specified. These blanks also call for estimates and ratings to be furnished by high school authorities.

All first year students are expected to arrive Monday, September 19, 1938, for the Freshman assembly in Stetson Chapel and other exercises which will occupy the rest of the day and evening. Registration and election of studies will occur on the following day.

Students who finish their high school work in January may enter the College at the beginning of the second semester, February 7, 1939.

* Those who intend to enter the College may obtain the proper blank forms from the Registrar.
SPECIAL STUDENTS

In general, students who are prepared to enter upon the regular course but who desire to pursue special studies must secure the approval of the curriculum committee. Under exceptional circumstances mature persons may obtain permission to take up special work without regular preparation for college entrance, but in such case they must have the maturity and ability to warrant this privilege. If such a student afterwards desires to become a candidate for a degree, he must comply with the regular college entrance requirements.

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.

FRESHMAN ENTRANCE REQUIREMENTS

Plan 1: Under this plan, students applying for entrance to Kalamazoo College must present by certificate from approved schools or by examination 15 units of entrance credit. A unit is defined as a course of study pursued through one school year of not less than 35 weeks with five prepared class exercises a week. Two or three hours of laboratory, drawing, or shop work will be counted as equivalent to one recitation. In general, continuous work extending through three or four years in one subject is more valuable than an equivalent amount in several subjects. See Plan 2, page 40.

The entrance work must include three units in English and three units in at least one other subject. The only three unit subjects are English, a foreign language, history, mathematics and the sciences.

The following work is required of all:

- English, 3 units.
- Foreign Language, 2 units (of one language).
- Algebra, 1 unit.
- History, 1 unit.
- Geometry, 1 unit.
- Laboratory Science, 1 unit (Physics, Chemistry, Botany or Zoology).

At least 12 of the fifteen units offered must be chosen from the following group:

- English, 3 or 4 units.
- Greek, 2 or 3 units.
- Latin, 2, 3, or 4 units.
- French, 2, 3, or 4 units.
- German, 2, 3, or 4 units.
- Spanish, 2, 3, or 4 units.
- Algebra, 1, 1½, or 2 units.
- Geometry, 1 or 1½ units.
- Trigonometry, ½ unit.
- Astronomy, ½ unit.
- Botany, ½ or 1 unit.
- Zoology, ½ or 1 unit.
- Chemistry, 1 unit.
- Geography, ½ or 1 unit.
- Geology, ½ or 1 unit.
- Physics, 1 unit.
- Physiography, ½ or 1 unit.
- Physiology, ½ or 1 unit.
- Economics, ½ or 1 unit.
- History and Government, 1 to 4 units.

Three units not included in this group may be offered if counted by the high school toward graduation.
Not more than four units of science in all may be offered. In order that a half unit of science may be accepted, it must be followed by a second half unit of science.

No applicant will be accepted who presents less than fifteen units.

Students who expect to enter professional schools (Theology, Law, or Medicine), should present at least two units of Latin. Students who expect later to take work in science or engineering should present at least three units in mathematics, including advanced algebra.

Students who have been unable to secure the required minimum preparation in foreign languages, but whose preparation is otherwise satisfactory, will be tentatively admitted to college classes as unclassified students and required to make up this deficiency during the first year.

Plan 2: This plan is optional and is in accord with the requirements for admission adopted recently by the College of Literature, Science, and the Arts, of the University of Michigan. 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 ½ or 1 unit
- Solid Geometry ½ unit
- Trigonometry ½ 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 ¼ unit and Zoology ¼ 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, 1½, or 2 units.
- American History, ½ or 1 unit.
- American Government, ½ unit.
- Economics, ½ unit.

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.

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

General College Regulations

PERSONNEL PROGRAM

For a number of years the college has maintained a personnel service involving a personnel committee of faculty members and administrative officers. Their responsibility is to provide helpful and intelligent direction and guidance for each student, based upon his peculiar interests, needs, and capacities. To this end psychological, personality, vocational, and aptitude tests are given, and cumulative records are made of the student’s activities and achievements. Such tests and records are used as resource material for counselling students both in regard to their fullest academic, personal, and social achievements on the campus, and with a view to helping them achieve a happy and satisfying place in society after graduation.

FRESHMAN INDUCTION PROGRAM

In order that freshmen may begin their college work advantageously a special program is planned for them at the opening of the first semester. This program includes a series of tests for all first year students, talks regarding the history, aims, and organization of the College, the use of the library and laboratories, description of student organizations and traditions, and announcement of conditions governing prizes and scholarship honors.

The faculty-new student dinner and other social gatherings provide opportunities for all to become acquainted before the work of the classroom begins.

FACULTY ADVISERS

Students are assisted in planning their courses, in making their elections, and in other difficulties of college life by the President, the deans, and other members of the faculty.
Each new student is assigned 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 individual application blanks. Opportunity is given students to change advisers each semester, but it is expected that a student will keep the same adviser after his sophomore year or after his major field of study has been chosen.

ATTENDANCE

Students are expected to be present at all regular class or laboratory sessions of the courses elected by them and at the four chapel services of each week.

There is no system of allowed absences, and it is understood that each instructor will deal with attendance in his classes as he sees fit, very much as if the students were in his employ. In general instructors report to the deans any student who has three or more consecutive absences and warn any student whose absences reach a point where his class standing is endangered. If such warning is not heeded the instructor may exclude the student from the class or take such other action as seems proper. The main responsibility is on the student.

CONDUCT AND SCHOLARSHIP

Kalamazoo College aims to develop in the individual student a keen sense of personal responsibility for good order, and to secure his hearty cooperation with the Faculty in the development of his own character. The College reserves the right to dismiss any student whose conduct is unsatisfactory and it insists upon the withdrawal of students who show that they are either unwilling or unable to maintain reasonable standards of work.

Unless permitted to remain by special action of the Administration, a student is dropped at the end of the second year if on account of poor scholarship he has failed to earn a credit of 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.

Supplemental examinations for students with standing E are held twice during the college year, on Tuesday before the opening of college in September, and on the first Wednesday following the spring recess. They are given at the same hour, 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.
COURSE OF STUDY

The course of studies leading to the bachelor's degree is designed to give the student an adequate introduction to the various fields of study included in the curriculum and also to insure a proper degree of concentration and specialization in some one department or special field of study.

During the early part of the course certain definite amounts of work are required in widely different departments, with options which allow for differences in individual preparation and tastes. Later the completion of a major and two minors assures consecutive work of a cumulative nature in three subjects selected by the student, while leaving ample opportunity for broadening by means of free elections in other departments.

Majors and Minors

In order to provide for some degree of concentration in the college course, it is required that each student, near the end of the sophomore year, select a major subject to which he intends to devote his particular attention. He is also required to name two minor subjects, to be selected in consultation with his faculty adviser, at least one of which shall be in a group other than that to which his major subject belongs. The choice of major and minor subjects may be changed later in the college course for good reasons, provided that one major and two minors are completed before graduation.

A major consists of at least twenty-four hours of work in one department (or not less than forty hours in a group of related departments) with a grade of C or better in each subject, distributed through at least four semesters.

A minor consists of at least twelve hours of work in one department, distributed through at least four semesters.

Major or minor work may be done in any department offering sufficient courses, and in certain approved combinations of 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.

REQUIREMENTS FOR THE BACHELOR'S 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 45), 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 six 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.

   *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.
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. See page 46.

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 is required. It is expected that this work will be completed during the first two years of the course.

3. All College fees and bills 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 the semester’s tuition fees in advance. These three things constitute registration.

Registration of new students will occur on Tuesday, September 20, 1938. 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.

Changes in elections are made with the approval of the adviser, but changes made after the first Monday 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.

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 should be a continuance of the language offered for entrance, except when two units only of Latin are offered.

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, 5, 6; Greek, 1, 2, or 3, 4.
   - 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, 8; or 9, 10.
   - Music, 1, 2; 5, 6; 13, 14; or Ensemble work.
   - Speech, 11, 12; 31, 32; or work in Dramatics.

*Freshmen who have had one year of physics and three years of mathematics in high school are eligible.
GRADUATE WORK

Kalamazoo College is prepared to offer work leading to the degree of Master of Arts or Master of Science to qualified students in special fields of study.

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 of 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 the course of study. This examination is conducted by the major instructor and at least two qualified assistants.

Departments of Instruction

ANCIENT LANGUAGES AND LITERATURES

I. Greek

1, 2. First Year Greek.
A careful study of the essentials of vocabulary, forms, and syntax; selections from Xenophon and other writers. Four hours throughout the year. Offered only if elected by a sufficient number.

3, 4. Second Year Greek.
The third and fourth books of the Anabasis are read, with exercises in prose composition; the Apology and Crito of Plato, and selections from the Iliad or Odyssey. Introductory study of Greek metrical systems. Three hours throughout the year. Omitted 1938-39.

Selected portions, with emphasis on the grammar of the New Testament Greek, especially the syntax of the moods and tenses as an aid to interpretation. Prerequisite, courses 1-4. Three hours, first semester. Omitted 1938-39.

7, 8. Greek Historians.
Sections, with collateral reading and reports. Offered only upon sufficient demand. Three or four hours, both semesters.

II. Latin

Mrs. Seifert

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.

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. 10:30 T., W., Th.

8. 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. 10:30 T., W., Th.

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.

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.

11. 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.

Greek and Latin myth, with emphasis upon its influence on literature through the ages, its contribution to modern life; mythology in art, in music, in drama, in literature, in religion, in science, in astronomy, in history. A lecture and project course, with an English text. No knowledge of Latin required, no prerequisites. Latin, English and history students may earn appropriate credits by special work, allied to their majors. Two hours, second semester. 10:30 M., F.
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 arrange­
   ment, fabrics, hangings, picture arrangement, house planning,
   etc. To be taken preferably in connection with Art 10. One
   hour, second semester. No prerequisite.

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 5 and 9 are recommended by all
medical colleges in addition, and 6 is recommended by all and re­
quired 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 de­
partment. 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

2. General Zoology.
   An introductory course dealing with the invertebrates. Three
   or four hours, first semester. Lectures, 8:00 T., W., Th. Labora­
   tory, two consecutive hours, 8:00 and 10:30 M., F. Alternates
   with 1. Offered 1938-39.

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

5. 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 con­
   secutive hours, 1:30 M., F. Lectures open to upper classmen for
two hours' credit by permission of instructor.

   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 16. Offered
   1938-39.

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.

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

12. 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 18. Offered 1938-39.

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


18. Comparative Neurology. See Psychology 10.
   A study of the anatomy and physiology of the central nervous system and sense organs. Dissection is made of representative 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 12. Omitted 1938-39.

61, 52. 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.
15. Advanced Physical Chemistry.
Laboratory work in some special phase of this field is undertaken and pursued more intensively than is possible in course 9, 10. Hours and credit arranged. Mr. Stowe.

16. Chemistry of Food and Nutrition.
Two or four hours, one semester. Prerequisite, courses 1, 2, 5. Mr. Smith.

17. 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, Chemistry 5, 6, 16. Two hours, one semester. Mr. Stowe.

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

An introduction to current chemical literature and research methods. Papers are presented upon assigned topics. Open only to advanced students majoring in chemistry. One hour of credit. Mr. Smith, Mr. Stowe.

ECONOMICS AND BUSINESS ADMINISTRATION
ASSISTANT PROFESSOR GANONG, MR. STAAKE

1, 2. Economic Organization.
An introductory course designed to precede more highly specialized courses in the various subdivisions of economics as well as to give those who do not wish to specialize in economics a comprehensive description of contemporary economic organization. Prerequisite, sophomore standing. Three hours throughout the year. 11:30 M., W., F. Offered 1938-39. Mr. Ganong.

5. Marketing and Merchandising.
A study of distribution activities and general selling problems of the producer, wholesaler, and retailer. Prerequisite, course 1, 2. Three hours, first semester. 8:00 T., Th., S. Omitted 1938-39. Mr. Staake.

Principles underlying the personal selling process; modern sales practice and administration. Prerequisite, course 1, 2. Three hours, second semester. 8:00 T., Th., S. Omitted 1938-39. 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. Offered 1938-39. 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 9 or consent of instructor. Three hours, second semester. 8:00 T., Th., S. Offered 1938-39. Mr. Staake.

11. 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 system of the United States, are among the topics covered. Prerequisite, course 1, 2. Three hours, first semester. 10:30 M., W., F. Offered 1938-39. Mr. Ganong.

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. Offered 1938-39. Mr. Ganong.

14. The Labor Problem.
A study of labor, including a comparison of the typical psychologies of the business group and the labor groups, labor unions and the policies of unionism together with the principles of labor legislation. Prerequisite, course 1, 2. Three hours, first semester. 10:30 M., W., F. Omitted 1938-39. Mr. Ganong.

15. Statistics.
Required of all those who wish to take course 18.
16, 17. Accounting.
Fundamental principles of debt and credit, and bookkeeping method; construction and interpretation of accounts; income statements and balance sheets; accounting for partnerships and corporations. Lectures, recitations, and laboratory exercises. Prerequisite, sophomore standing. Three hours throughout the year. 1:30-3:20 T., Th. Offered 1938-39 subject to adequate registration. Mr. Ganong.

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 15. Three hours, second semester. 1:30-3:20 T., Th. Offered 1938-39. Mr. Ganong.

21. 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 1938-39. Mr. Ganong.

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. Offered 1938-39. Mr. Ganong.


51, 52. 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. Ganong and Mr. Staake.

DEPARTMENTS OF INSTRUCTION

EDUCATION
Assistant Professor Warner

The work in education is designed not only for the prospective teacher but also for the non-professional student who wishes to understand the field of education. Courses 14 and 15 are suggested for those wishing to consider the cultural values to be derived from a study of educational theories of the present and past; for the layman who wishes to give his intelligent support to the system of schools in his community; for the social worker who may be interested in visiting teaching; and for the student wishing information concerning educational problems of the day.

To qualify for the new Secondary Provisional Certificate, which enables the holder to teach for a period of five years from the date of issue in the secondary grades of the Michigan public schools in the subject or subject fields indicated on the certificate, a candidate must have at least a C grade in academic work and in directed teaching; a major of at least 24 hours and two minors of 15 hours each in subjects taught in the high schools and 20 hours of education. The requirements in education may be met by courses 2, 13, 14, 15, 31 and courses in special methods in the major or minor fields.

Personal application for admission to work leading toward teacher certification should be made to the head of the department of education not later than the beginning of the sophomore year.

Education 1. General Psychology. See Psychology 1.

Education 2. Educational Psychology. See Psychology 2.
A consideration of the principles of psychology having to do with teaching and learning with special reference to the secondary school level. Prerequisite, course 1. Three hours, second semester, Sophomores.

Methods and practices of planning instruction are considered. Each student makes out a unit of work for the teaching of his major subject, including choice of subject matter and its adaptation to individual needs. Observation of teaching is made in the Kalamazoo schools. Newer conceptions of teaching techniques are studied. 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.

To meet the interests and needs of those not planning to teach, as well as of those working toward certification. A survey 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.

Education 15. 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.

16. Special Methods and Observation in French. See French 12.

17. Special Methods and Observation in English.

See Rhetoric 9, 10.


Education 31. Directed Teaching.

Seniors approved by the Director of Practice and the city school authorities may be admitted to the Kalamazoo schools for one semester (90 clock hours) of directed teaching and observation. Only those who show constant evidence of high standards of scholarship, character, and professional attainment will be recommended for certification and students who are unable to adjust may be asked to withdraw from practice teaching. Observations are made in schools at varying distances from the campus. Students may be expected to make units, guide sheets, lesson plans, to do individual work and tutoring; to participate in any school activity which the cooperating teacher may suggest, such as the homeroom, clubs, or assemblies. Individual conferences are held frequently with cooperating teachers. Each Tuesday from four to six a group seminar is held with the Director of Practice. Students are urged to carry a light academic and social program during the semester in which they elect this work. Prerequisite, Education 13.

51, 52. Special Courses.

These are designed to meet the needs of seniors going into teaching. Hours and credit to be arranged.

ENGLISH

Professors Simpson and Mulder, Assistant

Professor Worth

1. Literature

Course 1, 2 is prerequisite for all other courses in English Literature. Course 3, 4 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. Offered 1938-39. Mr. Simpson.

3, 4. Elizabethan Drama.

First semester, representative pre-Shakespearean and earlier Shakespearean dramas. Second semester, the mature 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. Offered 1938-39. Mr. Simpson.

5, 6. 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. Offered 1938-39. Mr. Mulder.

7, 8. The Poetry of the Victorian Period.

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 1938-39. 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, DeQuincy, etc. Three hours, first semester. 11:30 T., Th., S. Offered 1938-39. Mr. Mulder.

11. 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 1938-39. Mr. Mulder.

12. 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 1938-39. Mr. Mulder.

13, 14. 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 1938-39. Mr. Mulder.


17. 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. Offered 1938-39. Mr. Mulder.
6. 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. Offered 1938-39. Mr. Mulder.

9, 10. 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.

HISTORY

ASSOCIATE PROFESSOR GOODSELL, ASSISTANT PROFESSOR DUNBAR

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 10 or course 17 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.

Mr. Goodsell, Mr. Dunbar.

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.

Mr. Goodsell, Mr. Dunbar.


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.

Mr. Goodsell.

6. English History from 1688 to the Present Time.

A continuation of course 5. Four hours, second semester. 1:30 M., T., Th., F.

Mr. Goodsell.


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. Omitted 1938-39.

Mr. Mulder.

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. Omitted 1938-39.

Mr. Dunbar.


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 17 is required of all history majors. Two hours, first semester. 4:00-6:00 W. Offered 1938-39.

Mr. Dunbar.


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. Omitted 1938-39.

Mr. Goodsell.

12. 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. Omitted 1938-39.

Mr. Goodsell.


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. Offered 1938-39.

Mr. Goodsell.


A continuation of course 13, 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. Offered 1938-39.

Mr. Goodsell.

17. 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 European history, and the results embodied in a semester thesis. For advanced students. Either this course or course 10 is required of all history majors. Two hours, second semester. 1:00-3:00 W. Mr. Goodsell.

See Education 18.
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. Offered 1938-39. Mr. Dunbar.


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. Offered 1938-39. Mr. Dunbar.

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. Omitted 1938-39. Mr. Dunbar.

22. Representative Europeans.
Biographies of outstanding Europeans are read and reports made thereon. Three hours, second semester. 1:30 M., T., Th. Omitted 1938-39. Mr. Dunbar, Mr. Mulder.

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. Two hours, first semester. 11:30 T., Th. Offered 1938-39. 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. Offered 1938-39. Mr. Dunbar.

25. 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, one semester. 11:30 T., Th., and two additional consecutive hours each fortnight on some evening to be determined by the convenience of the class. Omitted 1938-39. Mr. Dunbar.


51. 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.

52. 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. Offered 1938-39. Mr. Dunbar.

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 8.
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.

3, 4. 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.

A development of the elementary theory of statistics, including a study of averages, measures of dispersion, coefficients of correlation, and secular trend. Prerequisite, Mathematics 1 or consent of the instructor. 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.

Prerequisite, Mathematics 4. Three hours, one semester.

10. Advanced Plane Geometry.
Prerequisite, Mathematics 4. Three hours, one semester.

Prerequisite, Mathematics 4. Three hours, first semester.

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, Mathematics 4. 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, Mathematics 4. Three hours, each semester.

51, 52. Special Courses.
Offered to advanced students as need arises.

MODERN LANGUAGES

1. 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, French 1, 2, or equivalent. 9:00 M., T., Th., F.; 11:30 T., W., Th., S. Mr. Bacon, Miss Earl.

5, 6. 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 6. 10:30 M., W., F. Omitted 1938-39. 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 6. 10:30 M., W., F. Omitted 1938-39.
Miss Earl.

9, 10. 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.

11. 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 10. One or two hours throughout the year. Hours arranged. Mr. Bacon or Miss Earl.

Open only to juniors and seniors who have had course 9, 10, 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 6. 10:25 M., W., F. Offered 1938-39.
Mr. Bacon.

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

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 French 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.

II. 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 German 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.

5, 6. Modern Drama.
A study of representative plays by Kleist, Grillparzer, Hebel, Sudermann, and Hauptmann. Three hours throughout the year. Prerequisite, German 4. 10:30 M., W., F. Omitted 1938-39.
Mr. Bacon.

7, 8. 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, German 4. 11:30 M., W., F. Offered 1938-39.
Mr. Bacon.

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

3, 4. Literature and Appreciation.
A continuation of the first year's work. Three hours throughout the year. Offered 1938-39.

5, 6. Elementary Harmony.
The fundamentals of harmony, structure and use of triads and seventh-chords and their inversions. Harmonization of melodies and bases. The aural approach is emphasized. Three hours throughout the year.

7, 8. Advanced Harmony.
The use of altered and chromatic chords. Modulation and transposition. Original work is stressed. Prerequisite, Harmony 5, 6. Three hours throughout the year.

9, 10. Counterpoint.
Strict counterpoint in various species in two, three, and four voices. Prerequisites, Harmony 7, 8. Two hours throughout the year.

11, 12. Fugue and Composition.
A study of the principles governing the construction of fugue, and practical work in writing in this style. Original work in tonal counterpoint.

B. Applied Music

13, 14. Courses are offered in piano, violin, organ, and voice. One private lesson per week and ten hours practice weekly are the minimum requirements. Participation in student recitals is required, and opportunity for public appearances is given from time to time to advanced students who qualify.

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 freshmen 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.

Music Fees

Individual instruction in voice, piano, organ, and violin:
One half-hour lesson per week, each semester $25.00
Rent of piano, one hour per day, each semester 5.00
Rent of organ, six hours per week, each semester 20.00

Additional allowance should be made for instruction books, sheet music, and study materials in each subject. All fees are payable in advance at the beginning of the semester at the Business Office.

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.

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.
PHILOSOPHY AND PSYCHOLOGY
PROFESSORS HEMMES, CHASE, AND COLE

I. Philosophy

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 1938-39. Mr. Hemmes.

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 1938-39. Mr. Hemmes.

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. Offered 1938-39.

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. Offered 1938-39.

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. Offered 1938-39. Mr. Hemmes.

   A study of the philosophy of the state, of the economic life, of the family, society. An analysis of contemporary types of social philosophy, Fascism, Communism, Socialism, Democracy. Three hours, second semester. 10:30 T., Th., S. Offered 1938-39.
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. Omitted 1938-39. Miss Chase.

6. Applied Psychology.
   A study of the application of psychology to medicine, mental disorders, delinquency, law, business, industry, politics. Three hours, second semester. 9:00 M., T., Th. Omitted 1938-39. Miss Chase.

8. Types of Psychology.
   A critical examination of introspectionism, structuralism, functionalism, behaviorism, psycho-analysis, Gestalt psychology. Three hours, second semester. 9:00 W., F., S. Omitted 1938-39.


11. 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 1938-39.

12. 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 1938-39.

13. Psychology of Childhood.


16. 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 1938-39. Mr. Hemmes.

PHYSICAL EDUCATION AND HEALTH

ASSISTANT PROFESSOR BARNARD, MR. ROBINSON, MISS ANDREWS

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.

Instruction and practice in such activities as touch football,
soccer, speedball, volleyball and playground ball. 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, one semester. Course is given each 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 are required of all first and second year students. These activities are varied to meet individual needs. They are intended to promote enjoyment and wholesome play spirit, and to develop individual skill in various sports. As much of the work as possible is carried on out of doors.

The department sponsors intercollegiate tennis for women. The following sports are included in the intramural and intersociety program: soccer, volleyball, basketball, soft-ball, tennis, badminton, archery, and golf.

Recreational Activities

W-1, 2. Group Activities.
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. 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 Andrews.
PHYSICS

PROFESSOR HORNBECK, ASSISTANT PROFESSOR SEIFERT

Courses 9 and 10 are required for a major.

1. 2. General College Physics.

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.

5:00 M., T., Th., F. Laboratory, 10:30-12:20 M.; 1:30-3:20 Th.; 10:30-12:20 F. Mr. Hornbeck and Mr. Seifert.

3. Laboratory Physics.

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 3, 4. Four hours, second semester. Classroom work, 8:00 T., Th., S., and one three-hour laboratory period to be arranged. 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. Mr. Seifert.

5. Modern Physics.

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. Mr. Hornbeck.


An advanced laboratory course in the measurement of electromotive 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 3, 4 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. Mr. Hornbeck and Mr. Seifert.

DEPARTMENTS OF INSTRUCTION

POLITICAL SCIENCE

PROFESSOR CORNELL

1. Governmental Processes

Courses 3, 10, and 20 are open to sophomores. Other courses are open to juniors and seniors only.
3. The State and the Individual.
Those phases of constitutional government controlling the relations between the state and persons within its jurisdiction. Three hours, first semester. 8:00 M., W., F.

6. International Law and Relations.
The constitutional, diplomatic, and legal phases of international cooperation. Two hours, first semester, 1938-39. 8:00 T., Th.

A section from the field of constitutional law dealing with the scope and limitations of legislative power. Two hours, first semester, 1937-38. 8:00 M., W., F.

10. Judicial Administration.
The organization, jurisdiction, procedure, function, and specialization of our courts. Three hours, second semester, 1937-38. 8:00 T., Th.


18. Problems of Administration.
A study of selected problems dealing with administrative power over persons and property. Two hours, second semester, 1937-38. 11:30 T., Th.

20. Local Government Units.
The source of local governmental powers; the structure, functions, and administration of local units. Three hours, second semester, 1938-39. 8:00 M., W., F.


The various types of taxation studied with reference to the scope and limitations of the taxing power. Three hours, first semester, 1938-39. 11:30 M., W., F.

II. Public Regulation
12. Commercial Relations.
A study of contracts, combinations, and conspiracies in restraint of trade and of competitive practices, at common law and under statutes. Three hours, second semester, 1938-39. 11:30 M., W., F.

Governmental regulation of public service industries; the law and public policy of regulation; public and private callings; scope of state and federal authority. Three hours, first semester, 1937-38. 11:30 M., W., F.

The social control of the relations between employer and employee. Three hours, second semester, 1937-38. 11:30 M., W., F.

17. Domestic Relations.
Selected problems from the field of personal relations; parent and child, guardian and ward, husband and wife. The history of modern law governing these fields is traced from the common law stage through early and modern statutes. Two hours, first semester, 1937-38. 11:30 T., Th.

The nature of crime and the study of the individual and social interests secured through the administration of criminal justice. Two hours, first semester, 1938-39. 11:30 T., Th.

A study of the agencies and methods employed in the enforcement of criminal processes and the evaluation of these as means of securing social interests. Two hours, second semester, 1936-37. 11:30 T., Th.

III. Seminars
Open to graduates and senior political science majors, with consent of instructor. Hours to be arranged.

51. International Organization.

52. International Cooperation.

53. 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 or three hours, first semester. 4:00-6:00 W. Mr. Cornell and Mr. Staake.

56. 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 or three hours, second semester. 4:00-6:00 W.  Mr. Cornell and Mr. Staake.

57, 58. 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, Manager of the City of Kalamazoo. Open to members of the clinic in Municipal Administration. Two hours throughout the year. 4:00-6:00 T.

57, 58. Fiscal Administration.
77, 78. Administration of Community Services.
79, 80. Public Works and Public Utility Administration.

RELGION  
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.

I. Biblical Literature

A survey of Hebrew history from the earliest times to the time of Alexander the Great. This includes a study of the political, social, ethical, and religious life of the Hebrews. Three hours, first semester. 10:30 M., W., F. Omitted 1938-39.

A survey of the history of the Graeco-Roman world from Alexander the Great to about 100 A.D., with special attention to the rise and development of early Christianity. Three hours, second semester. 10:30 M., W., F. Omitted 1938-39.

The various types of Biblical literature, such as poetry, short story, allegory, oratory, narrative, are studied. This course runs through the year, but credit may be granted for a single semester. Two hours, both semesters. 9:00 W., S. Omitted 1938-39.

7. Introduction to Bible Study.  
This course attempts to give a working knowledge of what the Bible is, how it came to be, what is in it, the history of the English Bible, how to study the Bible. Two hours, first semester. 9:00 W., S. Omitted 1938-39.

8. The Social Teachings of the Bible.  
Also credited as Sociology 16, if preceded by Sociology 1 and 2.  
The aim of this course is to study the social ideals of the outstanding Old Testament prophets and of Jesus, and to consider the application of these ideals to present day problems. Two hours, second semester. 9:00 W., S. Omitted 1938-39.

A study of the lives and teachings of the Hebrew prophets in the light of the historical situations in which they lived. Three hours, first semester. 10:30 M., W., F. Omitted 1938-39.

10. Life and Teachings of Jesus.  
An historical and constructive study of the life of Jesus, together with a consideration of his teachings. Three hours, second semester. 10:30 M., W., F. Omitted 1938-39.

II. Religious History and Thought

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.

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.

23. 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.

24. 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, Religious Education 23, or consent of the instructor. Three hours, second semester. 11:30 M., W., F.

51, 52.

In addition to the courses listed, the department is prepared to offer advanced courses to students who are properly qualified.

SOCIOLOGY

ASSISTANT 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.


The origin and development of man and his culture. Modes of living in primitive societies. Three hours, first semester. 9:00 M., T., Th. Offered 1938-39.

B. Advanced Courses

11. 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. Offered 1938-39.

12. 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.


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 1938-39.

15. 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 1938-39.

16. Social Teachings of the Prophets and Jesus. See Religion 8.

Credited as sociology, if preceded by courses 1 and 2.


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


A general survey of the main fields of modern social work, including case, group, and institutional work, and organization and promotion. At least one hour of credit must be taken in course 23 by students electing this course. Prerequisite, courses 12 and 13. Three hours, first semester. 8:00 M., W., F.

23. Supervised Field Work.

Practice field work in connection with various local agencies, such as the Civic League, Probation Department of the Juvenile Court, Visiting Teacher Department of the public schools, Social Service Department of the State Hospital, and the Michigan Children's Aid Society. Credit on the basis of 54 hours of field work and conferences per semester hour. One to three hours throughout the year. May be taken with courses 12 and 18, required with courses 21 and 24.


A study of child life in American society with special consideration of child problems and means of promoting the well-being of children. One or more hours of field work in course 23 required in conjunction with this course. Prerequisite, courses
12 and 13. Three hours, second semester. 8:00 M., W., F. Omitted 1938-39.

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.

D. Graduate 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.

150-151. 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. Supervised Field Work
One or two hours of field work may be done during the summer months under the direction of an approved social agency.

SPEECH

ASSOCIATE PROFESSOR JUDSON

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: 13; 14; 15; 21, 22; 23, 24; 25, 26; 33, 34; English Literature 1, 2.

A minor must include courses 11 and 17; one of the following: 12, 13, 14, 15; six hours from group II or group III, except that 29 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.

An extensive extra-curricular program of Speech activities is provided for students who desire to engage in dramatics, oratory, public discussion, debate, extemporaneous speaking, and interpretation without credit. See page 29.

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.

12. Great Speakers and Great Speeches Seminar.
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, or consent of instructor. Two hours, second semester. 1:30 T., Th.

An advanced course for students who desire to obtain the highest type of background in Speech. Study will be made of the technics used by the great speakers of all times, with particular emphasis on modern speakers. Students are given an opportunity to put their findings into practice in their own speeches.
Prerequisite, courses 11 and 12 or consent of instructor. Two hours, first semester. 10:30 M., F.

A broadening and cultural course leading to an appreciation of good literature. The student is given an opportunity to read extensively from the book and from memory.
Two hours, one semester. Not offered in 1938-39.

A practical course in which special attention is given to the interview or conference, the sales talk, the oral report, and the good-will speech.
Prerequisite, course 11 or consent of instructor. Two hours, one semester. Not offered in 1938-39.

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.

18. Teachers Course in Curricular and Extra-Curricular Activities in Speech.
Open only to juniors and seniors who plan to teach curricular and extra-curricular branches of the Speech field. Dramatics, oratory, debate, declamation, extemporaneous speaking, public speaking, choice of texts and types of examinations are among the topics considered.
An intensive approach to the actual problems of the various competitive and non-competitive types of platform speaking, designed for highly qualified students. This course is graduated to permit the student to secure from one to four hours credit at the rate of one hour per semester or year. No more than one hour's credit will be given in one year. Special study is given to public discussion, interpretation, debate, oratory, and extemporaneous speaking.
Prerequisite, consent of instructor. May not be taken concurrently with certain other Speech courses. Hours to be arranged.

II. Dramatics
Of the following six courses not more than one may be elected in any semester.

An introductory course intended to acquaint the student with practical elementary problems in stage design, lighting, and management.
Three hours, first semester. One class hour and approximately six laboratory hours. 11:30 M.

22. Stage Management.
An advanced course in the practical problems of the stage.
Prerequisite, course 21. Three hours, second semester. One class hour and approximately six laboratory hours. 11:30 M.

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. One class hour and approximately six laboratory hours. 11:30 W.

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. One class hour and approximately six laboratory hours. 11:30 W.

An introductory course for students whose primary interest in dramatics is limited to acting. The theory and practice of acting are considered.
Three hours, first semester. One class hour and approximately six laboratory hours. 11:30 F.

A continuation of course 25 with emphasis on individual characterization and the creation of group mood.
Prerequisite, course 25. Three hours, second semester. One class hour and approximately six laboratory hours. 11:30 F.

29. Individual Work in Dramatics.
Designed for students who have a cultural interest in dramatics and have not elected, concurrently, any other course in dramatics. Students will be given an opportunity to familiarize themselves with various phases of dramatic activity. Participation in at least one play each semester is required.
Prerequisite, consent of instructor. Credit is given at the rate of one-half hour credit per semester. However, no credit is given for less than one full hour. Hours to be arranged.

III. Argumentation and Debate

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. Three hours, first semester. 11:30 T., Th., S.

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 T., Th., S.

33, 34. Advanced Argumentation and Debate.
Two hours throughout the year. Prerequisite, course 31, 32. Not offered in 1398-39.

51, 52. Individual, Seminar, and Combined Seminar Courses.
To meet the demands which may arise, one hour courses may be offered upon petition in the following: methods of group discussion, the history of Speech, radio dramatics, visual dramatics; combined seminar in puppetry, in the dance drama, in verse speaking choral dramatics.
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 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.

SUGGESTIONS FOR THOSE SEEKING TEACHER CERTIFICATION

Since requirements vary in different states, students should familiarize themselves with the requirements of the state in which they expect to teach. School men are placing more and more emphasis upon the desirability of a broad cultural background together with a strong academic record for applicants for teaching positions. Certain phases of biology, psychology, and sociology which will lead to a better understanding of children should be of great value. As teachers are called upon to direct or supervise many activities outside of the class room, experience during college days in dramatics, debating, musical organizations, journalism, coaching, etc., may prove helpful to those who seek to be placed in teaching positions.

Personal application for admission to work leading toward certification should be made not later than the beginning of the sophomore year to the head of the department of Education.

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 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 3, 4; a course in sociology, political science, or economics (see requirements for graduation, page 47), 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 11 and 12 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.

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, 4.
3. Government: Political Science 18, 9, 10, 6, 28.
4. Personal Relations: Sociology 12; Economics 21; Political Science 17.
5. Social Relations: Sociology 21, 18; Political Science 25, 26.
6. Commercial Relations: Economics 5, 6, 21; Political Science 12, 18.
7. Industrial Relations: Economics 14, 23, 21; Political Science 14, 18.

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 premed 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 5; Chemistry 5; Mathematics 1, if necessary; a foreign language.
  Second Semester: Biology 6 or 16; Chemistry 6; a foreign language; electives 3 to 5 hours, of which 2 may well be Chemistry 16.

Third Year.
  First Semester: Chemistry 3; Physics 1; Psychology 1; English 1.
  Second Semester: Biology 6 or 16; Chemistry 4; Physics 2; English 2, if desired.

Fourth Year.
  First Semester: Philosophy 1, 3, or 5; Sociology 1; Biology 9; Chemistry 7; electives 5 to 6 hours.
  Second Semester: Chemistry 8; 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 47.

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.

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 or Greek 1, 2, 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.

SUGGESTED COURSES

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:
1. Sociology: 3, 12, 21, 24.
2. Child Welfare: Sociology 18, 24; Political Science 17; Psychology 13, 14.
3. Personal and Family Relations: Sociology 13, 18; Political Science 9, 17; History 7, 8; Religion 8; Philosophy 3.
4. Personality: Sociology 2, 24; Psychology 11, 12.
6. Industrial Relations: Sociology 13, 15; Economics 14, 21, 22; Political Science 10, 17, 14.
7. Technology: Sociology 101; Philosophy 1; Advanced Statistics.
8. Social Philosophy: Economics 21, 22; Philosophy 1, 3, 5, 6; Political Science 6; Religion 8.

An additional minor should include one of the following sequences: Religion 11, 12; Biology 9, 12.
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 an 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 Peake 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 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

1937

Doctor of Science
Frederick William Heyl, Ph.D. Kalamazoo
John Edgar Hoover, LL.D. Washington, D.C.

Master of Arts
Robert Gerard Beaumier, B.A. Kenosha, Wis.
Dana William Criswell, B.A. Fort Wayne, Ind.

Master of Science
Earl Henry Pierson, B.A. Martin
Carl Earle Schweitzer, B.A. Flint

Bachelor of Arts
*Harriette Anne Barton—Cum Laude Sturgis
Madison Jay Brown Bloomingdale
Earl Jess Browne Grand Rapids
Charles Stuart Cameron Ferndale
*Kenneth Edward Davis Chicago, Ill.
Albert L. Deal LaGrange, Ind.
*Ruth Pauline Demme—Magna Cum Laude South Haven
Mary Catharine Den Adel Kalamazoo
*Dorothy Marie De Smit Kalamazoo
*John Farrell Dooley Kalamazoo
Irving Feinstein Chicago, Ill.
*Jack C. Finerty Chicago, Ill.
George Edward Finlay Chicago, Ill.
*Frances Marie Gardner—Magna Cum Laude Mishawaka, Ind.
*Anne Marie Gibson Lakeside
*Walter Amos Good—Magna Cum Laude Kalamazoo
*William Earl Good—Cum Laude Kalamazoo
Evelyn Gertrude Gross Muskegon
*Martha Amanda Guse—Magna Cum Laude Kalamazoo
*Walter Oskar Haas Wilmette, Ill.
Annie McCallum Hall Grand Blanc
*Janet Frances Hardy—Magna Cum Laude Big Rapids
Loretta Jane Harrell Chicago, Ill.
*Arthur Edward Heming Jr. Detroit
*Kenneth Born Hunt Kalamazoo

* Member of the Scholars Group
Sidney Katz .................................................. Coloma
Dean Kincaid ................................................. Grant
Helen A. Kramer ............................................... Three Oaks
*John Peter Lambooy—Cum Laude .......................... Kalamazoo
Suzanne Elizabeth Little .................................. Howe, Ind.
Martha Anne McLain ....................................... Kalamazoo
*Jane Eleanor Meyer—Cum Laude ............................ Kalamazoo
Richard Henry Modderman ................................ Kalamazoo
Jane Morris ..................................................... Kalamazoo
*Jamesine Helen Pollock—Cum Laude ...................... Lawton
Robert Harvey Powell ...................................... Kalamazoo
*Marian Arleen Randall—Cum Laude ....................... Kalamazoo
*Laura Estelle Ranney ...................................... DeWitt
Charles Frank Reed ......................................... Chicago, Ill.
Margaret Allyn Richards .................................... Benton Harbor
Mary Jane Rosebrook ....................................... Kalamazoo
*Marvin Homer Ruster ....................................... Kalamazoo
Evelyn Dunavin Seymour .................................... Paw Paw
Noboru Shiraishi ............................................ Hiroshima, Japan
Alan Northcote Sidnam ..................................... Kalamazoo
Jane Caroline Sidnam ....................................... Kalamazoo
Harold Burton Simpson .................................... Kalamazoo
Cornelia Rose Smith ........................................ Racine, Wis.
Jean Edith Smith ............................................ Harvey, Ill.
Maude Southon ............................................... Parchment
Henry Stern ..................................................... Houghton
*Mary Halford Stroud ........................................ Menasha
*Joan Lauretta Sutton ........................................ Decatur
Genevieve Esther Taggett .................................... Niles
*Arlie Todd—Magna Cum Laude .............................. Bangor
Frank Sargent Tomkins ..................................... Kalkaska
Esther Frances Tyler ....................................... Kalamazoo
James Richard VanBochove ................................ Kalamazoo
*Thomas Gleason Walton .................................... Berrien Springs
Richard LaRue Wearne ..................................... Kalamazoo
Betty White ..................................................... Kalamazoo
*Doris White—Cum Laude ..................................... Albion
*Harriet Eleanor Winslow .................................... Kalamazoo
*Jack Wooster .................................................. Dowagiac
*Sophia Elizabeth Zmuda ..................................... Flint

In Absentia
Kenneth Greene Armstrong, as of the class of 1923
Utica, New York

*Member of the Scholars Group.

Honors and Prizes

Honors

High Honors for the Year 1936-1937

James Barclay ........................................... John Lambooy
Harriette Barton ........................................ Margaret Richards
Marilyn Barton ............................................ Frances Ring
Priscilla Crum ........................................... Irene Stilson
Ruth Demme ............................................... Barbara G. Taylor
Ann Draper ................................................. Arlie Todd
Cleora Gagnier ............................................ Arthur Whiteley
Frances Gardner .......................................... Charles Witschonke
Janet Hardy ................................................

Honors for the Year 1936-1937

William Burt ............................................... Mary Palmer
Orval Clay ................................................... Jack Pierce
Dorothy DeSmit ............................................ Marvin Ruster
John Dooley ................................................ Leona Snyder
Walter Good ................................................ Betty Sorenson
William Good .............................................. Elizabeth Stern
Walter Graham .............................................. Frank Tomkins
Kenneth Hunt ............................................... Esther Tyler
Sidney Katz ................................................ James VanBochove
Hadassah Magnus .......................................... Mary Louise Warner
Jane Merson ................................................ Helen Whiteside
Jane Vanbochove ......................................... Harriet Winslow
Gustave Moessen .......................................... Sophia Zmuda
Jack Nuthall ................................................

Honors in a Major

Plan 1. (2.7 quality points per hour)

Harriette Barton ........................................... Latin
Ruth Demme ................................................ History
Dorothy DeSmit ............................................ Biology
Jack C. Finerty ............................................ Biology
Walter Good ................................................ Physics, Mathematics
William Good .............................................. Physics
Martha Guse ................................................ History
Janet Hardy ................................................ Economics
Arthur E. Heming Jr ..................................... Chemistry
Kenneth Hunt .............................................. Mathematics
John Lambooy .............................................. Chemistry, Biology
Jane Meyer ................................................... Latin
The Scholars Group for 1937-38

James Barclay    David Kurtz    Donald Simpson
Pauline Bohls    Eugene KcKean    Ruth Sinclair
John J. Braham, III    Hadassah Magnus    Marjorie Spitler
William Burt    Gustave Moessen    Mildred Spitler
Priscilla Crum    Lewis Neclands    Elizabeth Stern
Donald Davidson    Jack Nuthall    Barbara G. Taylor
Ann Draper    Mary Palmer    Barbara R. Taylor
Donald Fowler    Dorothy Powell    Geraldine Ter Beck
Cleora Gagnier    Clarence Rice    John Vander Weele
John Grabber    Frances Ring    Floyd Van Domelen
Walter Graham    Chester Ross    Dale White
Robert Heerens    Ada Rutz    Arthur Whiteley
Albert Homoki    Sadie Sahler    Helen Whiteside
Robert Hotelling    Ruth Schroeder    Harris Young
Charles Krill    Wilfred Shale

Prizes, 1936-37

The William G. Howard Prize in Political Science—
William Eby

The William G. Howard Prize in Economics—
Janet Hardy

The Sherwood Prize in Declamation—
Leona Snyder

The Winifred Peake Jones Prize in Biology—
Equally divided between:
Julian Appeldoor
Russel Baker

The LeGrand A. Copley Prize in French—
Frances Ring

HONORS AND PRIZES

The Stone Prize in Education—
Ruth Demme

The O. M. Allen Prize in Freshman Essay—
Virginia Walton

The Hodge Prizes in Philosophy—
First: Esther Tyler
Second: Margaret Richards

The Todd Chemistry Prize—
Russel Baker

The Todd Sociological Prize—
Sarah Hill

The Upjohn Prizes in Chemistry—
First: Charles Witschonke
Second: John Lambooy

The Oakley Prize for the Entire Course—
Ruth Demme

The Florence Burdick Prize in General Physics—
James Barclay

The Allen Prize in Physics—
Equally divided between:
Walter Good
William Good

The Kalamazoo College Athletic Association Medal—
John Lambooy

The Clarke Benedict Williams Prize in Mathematics and Allied Sciences—
Walter Good

The Great Prize for Scholarship and Leadership—
Marian Randall

The Mrs. R. E. Olds Prize in English Literature—
Frances Gardner

The Balch Prize in American History—
Equally divided between:
Ruth Demme
Marian Randall
### Students of the College

#### Graduates
- den Bleyker, Katharin Brownell: Kalamazoo
- Erwell, Homer: Politics, Science: Kalamazoo
- Hughes, Estella: Sociology: Kalamazoo
- Lambooy, John Peter, B.A.: Chemistry: Kalamazoo
- Van Zandt, Wayne, B.A.: Sociology: Kalamazoo

#### Seniors
- Allen, Jollie News: Sociology: Kalamazoo
- Appeldoorn, Julian Anthony: Chemistry: Kalamazoo
- Blanchard, Raywood Helmer: Physics: Kalamazoo
- Born, Edward Donald: Economics: Allegan
- Burt, William Enos: Chemistry: Martin
- Busker, Elwin Francis: Physics: Kalamazoo
- Clements, Beate Rush: English Literature, Wausau, Wis.
- Correll, Richard Allen: Political Science, Benton Harbor
- Davidson, Donald Lane: Biology: Shelby
- DeSmit, Ruth Alice: Latin: Kalamazoo
- Draper, Ann M.: French: Flint
- Eby, Wilson G.: Political Science: Cascoopolis
- Farley, Kenneth Fisher: Economics: Hancock
- Fowler, Donald LaVerne: Physics: South Haven
- Gildersleeve, Ruth Helen: English: Jackson
- Graham, Walter Lambert: Biology: Kalamazoo
- Hartung, Jack Wilson: Economics: Kalamazoo
- Henderson, Robert James: Sociology: Kalamazoo
- Hill, Sarah Currier: Sociology: Lansing, N.H.
- Jacobs, Halbert Thomas: Political Science: Kalamazoo
- Jennings, Ronald Richard: Economics: Watervliet
- Lambooy, Karl William: Economics: Kalamazoo
- Locher, Katherine Ann: Chemistry: Kalamazoo
- Locher, Mary Rita: English Literature: Kalamazoo
- McKinney, Eugene Clifford: Economics: Waterlief
- McKinstry, Barbara Jane: French: Kalamazoo
- Moessen, Gustave William: Chemistry: Kalamazoo
- Morris, Carlton Howard: Political Science: Kalamazoo
- Morse, Charles LeGrand: Psychology: Lansing

#### Juniors
- Allan, James Barr: Sociology: Waterbury, Conn.
- Barclay, James Alexander: Chemistry: Kalamazoo
- Barnebee, James Hosea: Biology: Kalamazoo
- Bittner, Alvin Carl: Political Science: St. Joseph
- Blaylock, Jane: Biology: Evanston, Ill.
- Bohns, Pauline Elizabeth: English Literature: Evart
- Braham, John Joseph III: Social Studies Long Beach, N.Y.
- Burger, Kenneth Neil: Biology: Hillsdale
- Burpee, Orlo V.: English Literature: Kalamazoo
- Chapman, Dorothy Virginia: History: Flint
- Colburn, Harlan Austin Jr.: Chemistry: Battle Creek
- Cox, Logan Wayne: Political Science, Grand Rapids
- Crum, Priscilla: Art: Kalamazoo
- Farwell, Kathryn M.: French: Coldwater
- Gagnier, Cleora Elizabeth: Economics: Kalamazoo
- Gillespie, Robert Orlando: Sociology: Saginaw
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**Sophomores**

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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.