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THE KALAMAZOO COLLEGE BULLETIN

CATALOGUE
1929 - 1930

PUBLISHED QUARTERLY

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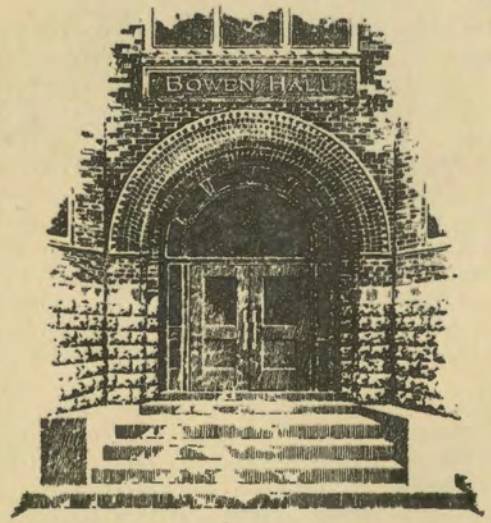
Kalamazoo College Bulletin



CATALOGUE

1929 - 1930

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CALENDAR

Academic Year—1929-1930

First Semester

Saturday, September 14.....Registration of Local Students
Monday, September 16.....Registration of Out of Town Students
Tuesday, September 17.....Freshman Induction Program
Tuesday, September 17.....Supplemental Examinations
Wednesday, September 18.....Opening Chapel, 9:00 A. M.
Saturday, October 26.....Homecoming
Monday, November 11.....Armistice Day
Thursday, November 28, Holiday.....Thanksgiving Day
Friday, December 20.....Winter Recess begins, 4:30 P. M.
Monday, January 6...Classes resume after Winter Recess, 8:00 A. M.
Monday, January 27—Saturday, February 1..Mid-Year Examinations

Second Semester

Tuesday, February 4.....Second Semester begins, 8:00 A. M.
Saturday, February 22, Holiday.....Washington's Birthday
Friday, March 28.....Spring Recess begins, 4:30 P. M.
Tuesday, April 8.....Classes resume after Spring Recess, 8:00 A. M.
Wednesday, April 9.....Supplemental Examinations
Tuesday, April 22.....Charter Day
Friday, May 30, Holiday.....Memorial Day
Monday, June 9—Friday, June 13.....Final Examinations
Saturday, June 14.....Alumni Day
Sunday, June 15.....Baccalaureate Sunday
Monday, June 16.....Ninety-fourth Annual Commencement
Wednesday, September 17.....Academic Year 1930-31 begins

Academic Year—1930-1931

First Semester

Saturday, September 13.....Registration of Local Students
Monday, September 15.....Registration of Out of Town Students
Tuesday, September 16.....Freshman Induction Program
Tuesday, September 16.....Supplemental Examinations
Wednesday, September 17.....Opening Chapel, 9:00 A. M.
Saturday, November 1.....Homecoming
Tuesday, November 11.....Armistice Day
Thursday, November 27, Holiday.....Thanksgiving Day
Friday, December 19.....Winter recess begins, 4:30 P. M.
Monday, January 5..Classes resume after Winter Recess, 8:00 A. M.
Monday, January 26—Saturday, January 31...Mid-year Examinations

Second Semester

Tuesday, February 3.....Second Semester begins, 8:00 A. M.
Sunday, February 22.....Washington's Birthday
Friday, March 27.....Spring Recess begins, 4:30 P. M.
Tuesday, April 7.....Classes resume after Spring Recess, 8:00 A. M.
Wednesday, April 8.....Supplemental Examinations
Wednesday, April 22.....Charter Day
Saturday, May 30, Holiday.....Memorial Day
Monday, June 8—Friday, June 12.....Final Examinations
Saturday, June 13.....Alumni Day
Sunday, June 14.....Baccalaureate Sunday
Monday, June 15.....Ninety-fifth Annual Commencement
Wednesday, September 16.....Academic Year, 1931-32 begins

1930

JANUARY						
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JANUARY						
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FEBRUARY						
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APRIL						
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JUNE						
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THE PRESIDENT'S FOREWORD

Kalamazoo College is a Fellowship in Learning. It is not land and buildings. These are but the shell of a congenial group life that has persisted for almost a century.

Out of interplay with minds both past and present and in friendly contact with faculty members the student evolves his best self and therefore his charter of service to mankind.

To this fellowship, this self-discovery, with its attendant joy of purposeful living, Kalamazoo College welcomes succeeding generations of students and in due course sends them out into the "wide, wide world," possessing something of the likeness and life of their Alma Mater—the scholar's spirit dedicated to human welfare.

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Term Expires in 1931

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LL. D.....New Haven, Conn.
Lampson Professor of English Literature, Yale University.

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Northwestern Mutual Life Insurance Co.
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Term Expires in 1932

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Alumni Association Representative.

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Physician.

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FRANK WALLACE .....Detroit
Investments.

SMITH G. YOUNG.....Lansing
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Frederick M. Hodge.....Vice-Chairman
C. W. Oakley.....Secretary
C. S. Campbell.....Treasurer
Harry C. Howard.....Attorney

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Thomas T. Leete, Jr. — R. E. Olds
Charles S. Campbell — C. W. Oakley

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L. H. Kirby — Frank H. Alfred
Raymond H. Smith — L. W. Sutherland
Frank Wallace

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R. E. Olds — C. L. Dibble
Mrs. Floyd Olmsted — Edgar R. Young
Allan Hoben, Ex-officio

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Term Expires 1930

Mark Sanborn.....First Baptist Church, Scranton, Pa.

Term Expires 1931

Charles W. Gilkey.....University of Chicago Chapel

Term Expires 1932

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Student Aid Committee

Frank B. Bachelor.....Chairman
J. H. Bacon — H. H. Severn

Faculty Committee

Allan Hoben.....Chairman
H. Clair Jackson — L. H. Stewart
Harry C. Howard — Frederick M. Hodge

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Claude Hamilton

Library Building

Harry C. Howard.....Chairman
Robert F. Cornell — Charles L. Dibble
Mrs. F. R. Olmsted — Paul H. Todd

Chapel Finance Committee

E. R. Young.....Chairman
F. O. Pinkham — E. A. DeWaters
Frank B. Bachelor — Allan Hoben

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Mrs. G. L. Bennett.....Adrian
Mrs. C. S. Campbell.....Kalamazoo
Mrs. John E. Carr.....Lansing
Mrs. E. A. DeWaters.....Flint
Mrs. Louis Goux.....Detroit
Mrs. Harry Howard.....Kalamazoo
Mrs. D. T. Magill.....Jackson
Mrs. Bruce MacDonald.....Flint
Mrs. G. J. Vinton.....Detroit
Mrs. C. H. Williamson.....Tecumseh
Mrs. Floyd Olmsted, Secretary.....Kalamazoo

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Herbert Lee Stetson.....President Emeritus and Chaplain
Hermon Severn.....Dean
Justin Homer Bacon.....Registrar and Secretary of the Faculty
Arelisle Quimby.....Dean of Women
Frank Bruce Bachelor.....Business Manager and Superintendent of Buildings and Grounds
Ernest Bouldin Harper.....Director of Personnel Bureau
Elliot Moses.....Librarian
Curtis W. Davis.....Director of Publicity and Alumni Relations

THE FACULTY

ALLAN HOBEN, Ph. D., Chicago.
President,
Professor of Sociology.

B. A., University of New Brunswick, '95; M. A., '97; graduate, Newton Theological Institution, '98; fellow, University of Chicago, '98-'01; Ph. D., '01; associate professor of practical theology, '08-'19; professor of sociology, Carleton College, '19-'22; president and professor of sociology, Kalamazoo College, 1922—.

HERBERT LEE STETSON, D. D., Franklin; LL. D., Des Moines.
President Emeritus,
Professor of Education Emeritus, and Chaplain.

B. D., Baptist Union Theological Seminary, '78; M. A., Franklin College, '86; D. D., '89; LL. D., Des Moines College, '01; president, Des Moines College, '89-1900; professor of psychology and education, Kalamazoo College, '00-'26; professor of psychology and education emeritus, 1926—; acting president, '11-'13; president, '13-'22; president emeritus, 1922—; chaplain and director of placement bureau, 1926—.

HERMON HARRISON SEVERN, M. A., Chicago; D. Th., Hillsdale.
Dean,
Broadus Professor of Greek.

B. A., Denison University, '96; M. A., University of Chicago, '22; D. Th., Hillsdale College, '24; professor of Greek, Central College, '03-'05; dean and professor of Greek and German, '06-'12; fellow, University of Chicago, '12-'13; professor of biblical literature, Hillsdale College, '13-'16; professor of Greek and biblical literature, Kalamazoo College, '16-'29; Greek, 1929—; acting dean, '23-'24; dean, 1924—.

WILLIAM EMILIUS PRAEGER, M. S., Chicago; Sc. D., Kalamazoo.
Professor of Biology.

B. S., University of Illinois, 1900; M. S., University of Chicago, '03; Sc. D., Kalamazoo College, '25; professor of biology, Kalamazoo College, 1905—.

MARK BAILEY, M. A., Harvard.

Willard Professor of Latin,

Professor of Spanish.

B. A., University of Oregon, '88; Harvard, '90; M. A., '91; professor of ancient languages, University of Washington, '91-'98; professor of ancient languages, Whitworth College, '99-'05; professor of Latin, Kalamazoo College, 1906—; professor of Spanish, 1914—.

JUSTIN HOMER BACON, M. A., Brown.

Professor of French,

Secretary of the Faculty, and Registrar.

B. A., Brown University, '96; M. A., '97; instructor in French, '96-'97; acting assistant professor of romance languages, '11-'12; professor of French and German, Kalamazoo College, '07-'18; professor of French, 1918—; registrar, 1919—.

LEMUEL FISH SMITH, M. S., Chicago.

Professor of Chemistry.

B. A., William Jewell College, '97; M. S., University of Chicago, 1911; professor of chemistry, Maryville State Normal School, Mo., '08-'10; professor of chemistry, Kalamazoo College, 1911—.

MILTON SIMPSON, M. A., Yale.

Professor of English Language and Literature.

B. A., Acadia University, '05; Yale, '06; M. A., '07; professor of English, Ouachita College, '07-'09; assistant professor of English, Michigan State College, '11-'16; associate professor of English, Whitman College, '16-'19; professor of English, Kalamazoo College, 1919—.

JOHN WESLEY HORNBECK, Ph. D., Illinois.

Professor of Physics.

B. S., Illinois Wesleyan, '06; M. A., University of Illinois, '09; assistant in physics, Cornell University, '10-'11; instructor in physics, University of Illinois, '11-'13; Ph. D., '13; assistant professor of physics, '13-'17; professor of physics, Carleton College, '17-'25; professor of physics, Kalamazoo College, 1925—.

ROBERT FRANKLIN CORNELL, J. D., Michigan.

Professor of Political Science,

Director of Library.

B. A., Cornell College, '19; J. D., University of Michigan, '26; instructor in economics, Kalamazoo College, '19-'20; assistant professor of political science and economics, '20-'26; assistant professor of political science, '26; professor of political science, director of library, 1927—.

ERNEST BOULDIN HARPER, Ph. D., Chicago.

Professor of Sociology,

Director of Personnel Bureau.

B. A. and M. A., University of Virginia, '16; B. D., University of Chicago, '20; Ph. D., '22; instructor, School of Religion, University of Kansas, '22-'23; assistant professor of sociology and education, Kalamazoo College, 1923—; director of Evening School, '24-'26; director of personnel bureau, '26; professor of sociology, 1927—.

ALLEN BYRON STOWE, Ph. D., Clark.

Professor of Physical Chemistry.

B. S., Kalamazoo College, '20; M. A., Clark University, '21; assistant in chemistry, '20-'22; fellow, '22-'23; Ph. D., '23; professor of chemistry, Olivet College, '23-'28; acting professor of physics, '24-'25; dean of men, '25-'26; registrar, '26-'28; professor of physical chemistry, Kalamazoo College, 1928—.

LUIKE JOHN HEMMES, Ph. D., Chicago.

Professor of Philosophy and Psychology.

B. D., Rochester Theological Seminary, '16; M. A., University of Rochester, '17; Ph. D., University of Chicago, '24; professor of psychology and philosophy, Brandon College, '20-'23; professor of German, University of Dubuque, '24-'25; instructor in German and philosophy, Kalamazoo College, '25-'26; assistant professor of philosophy and psychology, '26-'29; professor of philosophy and psychology, 1929—.

ARNOLD MULDER, M. A., Chicago; Litt. D., Hope College.

Associate Professor of English.

B. A., Hope College, '07; M. A., University of Chicago, '10; associate professor of English, Kalamazoo College, 1929—.

THOMAS ORR WALTON, M. S., Chicago.

Assistant Professor of Mathematics.

B. A., Kalamazoo College, '14; M. S., University of Chicago, '26; professor of mathematics, William and Vashti College, '15-'18; professor of mathematics, Colorado School of Mines, '18-'20; assistant professor of mathematics, Michigan State College, '20-'21; assistant professor of mathematics, Kalamazoo College, 1921—.

WILLIAM HENRY BELDEN, M. A., Ohio State University.

Assistant Professor of Economics and Business Administration.

B. A., Oberlin College, '09; M. A., Ohio State University, '26; teacher, Kenmaul district school, Alberta, 1921; principal, Chinook village school, Alberta, '21-'22; instructor in mathematics, Mount Royal College and Central Collegiate, Calgary, Alberta, '22-'24; assistant in economics, Ohio State University, '24-'26; instructor in economics, Oregon State College, '26-'28; assistant professor of economics and business administration, Kalamazoo College, 1928—.

CHESTER SMITH BARNARD, B. A., Missouri State Teachers College.

Assistant Professor of Physical Education and Director of Athletics.

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; director of athletics and assistant professor of physical education, Kalamazoo College, 1925—.

FRANCES DIEBOLD, M. A., Wisconsin.

Assistant Professor of Biology.

B. A., University of Wisconsin, '21; M. A., '27; director of nature study, Eau Claire Normal School, Wis., '22; instructor in biology, Kalamazoo College, '23-'27; director of physical education for women, '24-'26; on leave, Whitman College, '27-'28; assistant professor of biology, Kalamazoo College, 1928—.

CHARLES TRUE GOODSELL, M. A., Chicago.

Assistant Professor of History.

B. A., University of Rochester, '09; B. D., Rochester Theological Seminary, '12; M. A., University of Chicago, '24; assistant professor of history, Kalamazoo College, 1928—.

LEFA TAYLOR WORTH, M. A., Michigan.

Assistant Professor of English.

B. A., Albion College, '11; M. A., University of Michigan, '15; instructor in English, Kalamazoo College, '19-'23; assistant professor of English, 1923—.

ANDREW STEVENSON, JR., M. A., Yale.
Assistant Professor of Transportation and Economics.

B. A., College of Wooster, '26; Yale University, '27-'29, M. A. '28; assistant professor of transportation and economics, Kalamazoo College, 1929—.

MARION HILLER DUNSMORE, Ph. D., Chicago.
Assistant Professor of Biblical Literature and Religious Education.

B. A., Kalamazoo College, '20; M. A., Pacific School of Religion, '22; B. D., '23; fellow, University of Chicago, '23-'26; Ph. D., '26; assistant professor of religious education and literature, Hiram College, '26-'29; assistant professor of biblical literature and religious education, Kalamazoo College, 1929—.

MILDRED ANNETTE TANIS, B. A., Kalamazoo.
Instructor in Public Speaking and English.

B. A., Kalamazoo College, '18; instructor in public speaking and English, 1922—; on leave first semester, '28-'29, Northwestern University.

MARY MUNRO WARNER, Ph. B., Denison.
Instructor in Education.

Ph. B., Denison, '13; graduate work, Teachers College, Columbia University, '14-'15; Western State Teachers College, '16; director of observation and practice, Oakwood School, W. S. T. C., '16-'19; department of education, '19-'22; director religious education, First Presbyterian Church, Kalamazoo, '24-'26; instructor in education, Kalamazoo College, 1926—; director teacher placement bureau, 1928—.

ARELISLE QUIMBY, B. A., Oberlin.
Instructor in Physical Education, Director of Physical Education for Women, Dean of Women.

B. A., Oberlin College, '17; director of Physical education, Kentucky College for Women, '17-'19; assistant director of physical education for women, James H. Mead Club, Sheboygan, Wisconsin, '19-'21; graduate student in physical education, Wellesley College, '26-'27; instructor in physical education and director of physical education for women, Kalamazoo College, 1927—; acting dean of women, '27-'28; dean of women, 1929—.

WILLIS FREDERICK DUNBAR, B. A., Kalamazoo.
Instructor in History.

B. A., Kalamazoo College, '24; St. Joseph High School, '24-'28; instructor in history and director of musical organizations, Kalamazoo College, 1928—.

VIRGINIA ELIZABETH EARL, M. A., University of Michigan.
Instructor in French.

B. A., University of Michigan, '26; M. A., '27; teacher of French and English, high school, St. Johns, Michigan; instructor in French, Kalamazoo College, 1929—.

FREDERICK WILLIAM HEYL, Ph. D., Yale.
Lecturer in Chemistry,
Research Director for Upjohn Scholars.

B. S., Yale University, '04; Ph. D., '08; lecturer in chemistry and research director for Upjohn scholars, Kalamazoo College, 1923—.

LIBRARY STAFF

*ELLIOT LEONARD MOSES, B. A. in Library Science, Michigan.
Librarian.

B. A., Carleton College, '03; graduate, Hartford Theological Seminary, '06; B. A. in library science, University of Michigan, '27; member, library staff, University of Michigan, '27-'28; librarian, University of Delaware, '28-'30; librarian, Kalamazoo College, 1930—.

MABEL GIBSON HEMMES, B. A., Brandon.
Assistant Librarian.

B. A., Brandon College, '23; member of staff, Harper Memorial Library, University of Chicago, '24 and summers of '25, '26, '27, '28; assistant librarian in charge of periodicals and serials, Kalamazoo College, 1927—.

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* Beginning August 29, 1930.

*VIRGINIA SCHUBERT KREINBRING, B. A. in Library Science, Michigan.
Cataloguer.

B. A. in library science, University of Michigan, '29; in charge of cataloguing, Kalamazoo College, 1929-30.

HALLIE SCOTT MERRILL, B. A., Carroll.
Desk Assistant.

B. A., Carroll College, '09; assistant in charge of circulation, Kalamazoo College, 1928—.

ANNA VIOLA JOHNSON, B. A., Kalamazoo.
Librarian's Assistant.

B. A., Kalamazoo College, '29; student assistant, Kalamazoo College, '26-'29; assistant in charge of orders and bindery, '29-'30; librarian's assistant, 1930—.

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* Resigned February 1, 1930.

STANDING COMMITTEES OF THE FACULTY

1. Entrance and Advanced Credits:
   Mr. Bacon, Mr. Severn, Mr. Stowe.
2. Attendance:
   The Dean.
3. Recommendation of Teachers:
   Mrs. Warner, Mr. Stetson, Mr. Smith, Mr. Bacon, Mr. Simpson.
4. Catalogue and Bulletins:
   Mr. Severn, Mr. Simpson, Mr. Davis.
5. Curriculum and Scholarship:
   Mr. Severn, Mr. Bacon, Mr. Hornbeck, Miss Diebold.
6. Elections and Registrations:
   Mr. Smith, Mr. Simpson, Mr. Walton, Mr. Praeger, Mr. Dunbar.
7. Social Activities of Faculty:
   Mrs. Warner, Mrs. Worth, Mr. Bailey, Mr. Goodsell, Mr. Hornbeck.
8. Graduate Study:
   Mr. Smith, Mr. Praeger, Mr. Stevenson, Mr. Hemmes.
9. Honors Courses:
   Mr. Hornbeck, Mr. Bacon, Mr. Harper, Mr. Stevenson.
10. Personnel Bureau:
    Mr. Harper, Mr. Severn, Mr. Bacon, Mrs. Warner, Miss Quimby.
11. Library:
    Mr. Cornell, Mr. Goodsell, Mr. Simpson, Mr. Hemmes, Miss Diebold.

1. Christian Associations:
   Mr. Dunsmore, Mr. Praeger, Mr. Goodsell, Mr. Belden, Miss Quimby.
2. Literary Societies:
   Mr. Hornbeck, Mr. Walton, Mr. Stowe, Mrs. Worth, Miss Diebold.
3. Athletics:
   Mr. Bacon, Mr. Barnard, Miss Quimby.
4. Musical Societies:
   Mr. Dunbar, Mr. Belden, Miss Tanis, Miss Earl.
5. Student Publications:
   Mr. Simpson, Mr. Mulder, Mrs. Worth, Mr. Bachelor, Mr. Davis.
6. Auditing Accounts of Student Organizations:
   Mr. Walton, Mr. Bachelor, Mr. Stevenson.
7. Alumni Relations:
   Mr. Davis, Mr. Walton, Mr. Dunbar, Miss Tanis, Mr. Stowe, Mr. Dunsmore.

OTHER OFFICERS

MRS. BELLA BEARD.
House Director of Women's Residence.

MRS. HATTIE STEVENS.
House Mother of Men's Residences.

JAMES B. WOOD.
Stock Clerk, Chemical Supplies.

LELAND ALONZO SNYDER.
Head Janitor.

GENERAL INFORMATION

HISTORICAL SKETCH

THE plan to establish Kalamazoo College, or, as it was first called, "The Michigan and Huron Institute," originated with Rev. Thomas W. Merrill, a graduate of Colby College, Maine, and of the Newton Theological Institution, Newton Centre, Massachusetts. He worked and traveled for several years to raise the necessary funds and to obtain a charter. Hon. Caleb Eldred and others were also actively interested in the foundation and organization of the College.

The original charter, enacted "by the Legislative Council of the Territory of Michigan," constituted sixteen men named in the enactment "a body politic and corporate, ... by the name and style of 'The Michigan and Huron Institute.'" . . . . . "Said Trustees shall establish in said Territory, within the space of four years from the passage of this Act (Approved, April 22, 1833, as stated in Vol. III, Territorial Laws, pp. 1131-1132) at such place as they may judge best, a literary institute . . . . . to promote the knowledge of all those branches of education usually taught in academic and collegiate institutions."

In accordance with the provisions of this Act, Caleb Eldred, Thomas W. Merrill and the others named proceeded to organize the work of the Institute, and succeeded in having classes begin in the year 1836. Following the early practice of colleges, they began the work of the year with the observance of commencement. Later, in company with other educational institutions, they transferred this observance to the closing of the college year.

In 1837 the name was changed to "The Kalamazoo Literary Institute," and in 1839 the Institute was merged with the "Branch" of the University of Michigan. In 1845, however, this relationship was terminated.

In February, 1855, a second college charter of liberal nature was granted by the legislature. By this instrument the Trustees are empowered to hold and administer the property of the College, to direct its policy, to elect its President and Faculty, and to confer degrees, "provided that the primary degrees shall not be conferred on any student who shall not have passed through a course of studies equivalent to, and as thorough as, that prescribed by the Regents of the University of Michigan."

From the beginning women were granted equal privileges with men, hence Kalamazoo was one of the first co-educational colleges in America. In 1859 a seminary for young women, organized and developed by Mrs. Lucinda Hinsdale Stone, wife of the President of the College, was combined with the College. The original policy of having a theological seminary in connection with the College was early abandoned.

In 1835 the citizens of Kalamazoo contributed to the College the sum of $2,500.00 and a tract of land in what is now a fine residence section of the city. Temporary buildings were erected upon this site in 1836. Later the tract of land was sold, and a men's residence was erected in 1848-50 on the hill overlooking Arcadia Creek. For this building the Baptists of the state, who had been from the first the principal supporters of the College, raised the necessary funds. Kalamazoo Hall was built in 1857 by the citizens of Kalamazoo. Wheaton Lodge, a women's residence and refectory, was built by the Ladies' Hall Association of the State and transferred to the College in 1887. It was used for a men's residence from 1926 to 1929, being removed in the fall of that year to make room for the Mandelle Library. Bowen Hall, named in recognition of the valued personal services and the great liberality of C. C. Bowen of Detroit, was dedicated in 1902. In 1911 Kalamazoo Hall was torn down and the site sold. In the same year the Gymnasium was erected, and the men's residence remodelled. On March 17, 1916, the latter building was partially destroyed by fire but was at once rebuilt, furnished and made ready for use

by July of the same year. More recent improvements have been made, and at present this residence provides accommodations for about ninety men. In June, 1924, the Board of Trustees fittingly named the building Williams hall in memory and honor of the late Dean Clarke Benedict Williams, Olney Professor of Mathematics for twenty-nine years.

The list of Presidents is as follows:

Nathaniel Marsh, 1836-1837.
Nathaniel A. Balch, 1837-1838.
David Alden, 1838-1840.
William Dutton, 1840-1843.
J. A. B. Stone, D. D., 1843-1863.
John M. Gregory, LL. D., 1864-1867.
Kendall Brooks, D. D., 1868-1887.
Monson A. Wilcox, D. D., 1887-1891.
Theodore Nelson, LL. D., 1891-1892.
Arthur Gaylord Slocum, LL. D., 1892-1912.
Herbert L. Stetson, D. D., LL. D., 1912-1922.
Allan Hoben, Ph. D., 1922—.

LOCATION—KALAMAZOO

The city of Kalamazoo 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.

The city is an industrial and transportation center of considerable importance. Rail service is excellent in all directions, as is also interurban bus service. Industry flourishes here and finds a congenial home. In 1929 bank clearings amounted to $358,375,891.77, a large showing for a city of about 65,000 population. Opportunities abound for young men and young women who find it necessary to earn part of their expenses while in college. The citizens cooperate heartily with the College in this regard, offering students many opportunities for remunerative service.

Kalamazoo is noted also for its religious and educational advantages. Its homes are attractive; its churches, influential and effective in the life of the community. Its public schools maintain high standards of excellence, while its higher institutions of learning are nationally recognized for their sound scholarship and the success and eminence of their graduates.

GROUNDS AND BUILDINGS

The college campus of over twenty-five acres lies between West Main and West Lovell streets, in one of the best residence sections of the city. It is about a mile from the central retail district. Most of the buildings are located in a hardwood grove on the hill. The athletic field is at the eastern end of the campus on Michigan Avenue. There are four tennis courts on the lower campus adjacent to the gymnasium.

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

Bowen Hall

Bowen Hall, built in 1902, is the principal office and classroom building. The library has been housed in this building but will be removed to the new Mandelle Library in the summer of 1930. On the third floor are located an assembly hall, a smaller assembly room, known as the East Room, and three nicely furnished rooms for the women's literary societies. The assembly platform is well equipped for the presentation of plays by the Drama Club and by the classes in dramatics.

Bowen Hall Annex

Bowen Hall Annex, a smaller recitation building, was erected in 1922.

R. E. Olds Science Building

In 1927, R. E. Olds, Sc. D., a trustee of Kalamazoo College, presented the college with a science building. This building was occupied at the opening of college, September

15, 1928. It houses the departments of Chemistry and Physics.

Mandelle Library

Through the munificent bequest of Mary Senter Mandelle of Stonington, Connecticut, a beautiful and commodious library building is now under construction. This building will be ready for occupancy with the opening of college in September, 1930.

Gymnasium

The substantial brick gymnasium was erected in 1911. Besides the gymnasium proper, the building is fitted out with office rooms, shower baths, lockers and standard apparatus. During the summer of 1930 the gymnasium will be remodeled and enlarged, and named the Arthur C. Tredway Gymnasium. This improvement has been made possible by the recent generous bequest of $50,000.00 in the will of Arthur C. Tredway, of the class of '98. The reconstructed gymnasium will provide a playing floor of fifty by ninety feet and will have seating accommodations for one 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.

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 have erected 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 social programme of the College.

College Residences

For Men:

Williams Hall, a residence for men, was originally constructed in 1848 but was practically rebuilt and modernized in 1916. It has capacity for ninety men. There is a large social room on the first floor. Ample bathroom facilities are provided on each floor.

Stockbridge Hall, a fine old home, remodeled into a college residence in 1921, is situated in spacious grounds overlooking Carmel street. It accommodates twenty-five men.

The rooms of both these residences are supplied with the necessary furniture including bed, mattress, pillow, rug, chairs, student's table, book-rack, and student's lamp; but students furnish their own sheets, pillow slips, blankets, towels and other personal articles. Single beds are used. The buildings, including students' rooms, are cared for by responsible employees of the College. A House Mother supervises living conditions in the men's residences. The Michigan Bell Telephone Company provides pay telephones in the residences. Rooms must be vacated at the beginning of the Christmas, spring, and summer vacations.

For Women:

Mary Trowbridge House, the new 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 Buckley street. It is modern in every respect and is furnished with taste. It makes a beautiful and comfortable home for eighty young women, the House Director, and the Dean of Women. In addition to the individual rooms there are kitchenettes, a spacious living room, a playroom, a sun parlor and a small hospital.

The women's residence is under the supervision of the House Director. Each room is furnished with beds, rug, study table, chairs, mattresses, bed pads, pillows, one wool

and one double cotton blanket. The student supplies sheets, pillow slips, towels, closet curtains where necessary, white or cream colored scrim window curtains with two inch hemstitched hem, six marked table napkins and one serviceable marker, and all personal articles for her room. The beds are 36x72, pillows 21x27, windows 60x48, closet doors 25x80. The young women care for their own rooms and laundry. Rooms accommodate two persons. The Michigan Bell Telephone Company provides pay telephones in the residence. Rooms must be vacated at the beginning of the Christmas, spring, and summer vacations.

RESIDENCE AND BOARDING FEES AND REGULATIONS

Men:

All out of town men are required to live in the college residences and to board at the College Dining Hall unless excused by the Dean. Room rental ranges from $36.00 to $50.00 per man per semester. Room rent must be paid by the semester in advance, and no refunds are made. Each student occupying a room is required to sign a lease. Applications for rooms should be made to the Business Manager early, as rooms are assigned according to seniority in college and in order of applications received. Applications should be accompanied by a ten-dollar room-deposit fee. No deposit fees will be returned after July 15th except in case of serious illness preventing the applicant from entering this or any other college. For detailed statement of fees see page 42.

Women:

All out of town women are required to live in the college residence and to board in the College Dining Hall. A uniform room rental fee of $63.00 is charged per person per semester in the women's residence. Room rent must be paid by the semester in advance, and no refunds are made. Rooms are assigned by the Dean of Women according to

seniority in college and in order of applications received. Application for a room, accompanied by ten dollars as a reservation fee, should be made early to the Business Manager. Applicants will be notified of their acceptance about July 15th. No fees will be returned after this date because of change of plans on the part of the student, except in case of serious illness preventing the applicant from entering this or any other college. For detailed statement of fees, including those for single rooms in all the residences, see pages 31, 42.

LIBRARIES

The College Library

The college library has hitherto occupied the eastern half of the second floor of Bowen Hall. By the will of Mary Senter Mandelle of Stonington, Conn., the College has received a bequest of $350,000.00 for the erection and maintenance of a memorial library. It is expected that the building will be dedicated in June, 1930.

The library contains some twenty-five thousand volumes and hundreds of pamphlets and unbound magazines. It is the aim of the administration of the library to meet the needs of all departments of the College. Purchases are usually made on the basis of requests by members of the Faculty.

In addition to the bound material, the library has a subscription list of one hundred eighty of the leading periodicals. There are several foreign publications and magazines included in the list. The information file is very valuable. Pamphlets and clippings are constantly being added.

The library budget for the purchase of books and periodicals is supplemented very generously by an annual gift from F. R. Welles, LL. D., of Paris, France. The books purchased with the Welles Fund are known as the A. Gaylord Slocum Library. In addition, other books, pamphlets, reports, and magazines are frequently received from various donors. Mrs. Anna L. Raymond, of Chicago, has donated

a very valuable collection on Art as a memorial to her husband, James Nelson Raymond.

Kalamazoo Public Library

The public library of the city is available to students of the College without expense, and the staff there is always willing to co-operate 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.

LABORATORIES AND APPARATUS

Chemistry and Physics Laboratories

The R. E. Olds Science Hall, built in 1927, houses the physics and chemistry laboratories. It is a fire-proof building 120x62 feet. In the basement are storage rooms and the machine shop; on the second floor the physics lecture room and preparatory room, office, seminar room and library, electrical measurements laboratory, photometry laboratory, mechanics and heat laboratory, optics laboratory, two research laboratories and the usual battery and switchboard outfit; on the second floor the chemistry room, stock rooms, balance rooms, office, 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.

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 laboratories equipped represent an expenditure of $200,000.

Through the generosity of Mrs. Willis J. Burdick a gift to be known as the Florence Burdick Astronomical Fund has been made to the College. The object of this fund is to provide equipment for the study of astronomy.

Biology Laboratories

The biological laboratories occupy three well lighted rooms on the first floor of Bowen Hall. The equipment is adequate for all courses offered and there is seating capacity for the individual work of forty-two students at one time. The removal of the physical sciences to the new R. E. Olds Science Hall gives more room in Bowen Hall for the department of Biology, permitting expansion, greater freedom and efficiency. New equipment has been added, including microscopes and microtomes of the most modern type.

The Praeger Greenhouse

Through the generosity of friends, a new greenhouse was recently completed and named in honor of Dr. Praeger. It is conveniently attached to the south side of Bowen Hall, is of the best modern construction, and measures twenty-five feet by eighteen. Long needed by the department of Biology, it now makes possible experiments with living plants. Moreover, fresh materials and specimens are available for all classes.

Additional Classroom Apparatus

This includes an excellent Bausch and Lomb convertible balopticon for the projection of lantern slides, opaque objects, and demonstrations in chemistry, physics and biology. Smaller portable lanterns are used when needed for class room work in other subjects. There is a three and one-half inch telescope with a substantial altitude azimuth mounting and a model equatorial mounting. For work in mathematics

the College has a good set of models of the surfaces of the second degree, showing the circular sections and the rectilinear generators. There is also a set of models of developable surfaces.

STUDENT ORGANIZATIONS

The Student Body and the Senate

All students of the College belong to an organization known as The Student Body. This organization elects its own officers and has general charge of the extra-curricular student activities. Meetings for the discussions of and action on matters of general interest are held once a week.

The Senate is nominated and elected by the student body and acts as the executive committee for the larger organization.

The student body and senate have great influence on the life of the College, not only through public discussion at the regular meetings but also by means of elected representatives who take active part in the management of various organized student activities.

The student body elects representatives to co-operate with the department of Physical Education for the purpose of securing the maximum student participation in all athletic sports and contests.

Representatives are elected to co-operate with the department of English and Public Speaking in the management of intercollegiate debates, the annual contest of the Michigan Oratorical League, and other exhibitions of similar character.

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 Index Board of Control, 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 gen-

eral 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 junior class. It contains many illustrations and records of all student extra-curricular activities.

Literary Societies

There are six active and flourishing literary societies among the students. The Sherwood Rhetorical Society, founded in 1851; the Philolexian Lyceum, founded in 1855; the Eurodelphian Society, founded in 1856; the Century Forum, founded in 1900; the Kappa Pi, founded in 1906; and the Alpha Sigma Delta, founded in 1920. The Eurodelphian, Kappa Pi, and Alpha Sigma Delta societies are for young women, and the other three for young men.

Regular business and literary meetings are held Wednesday evening of each week. This literary work is a valuable adjunct to the regular college curriculum and is actively encouraged by the Faculty.

From time to time each society holds an open session in order that the public may enjoy the debates and literary programs. A program of intersociety debates is maintained.

Music and Musical Organizations

The Glee Club aims 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 taken during the spring vacation. Membership is determined by competitive try-outs in the autumn.

The Gaynor Club aims to promote an interest in choral music among the women of the college. It has a capable director, regular rehearsals, and gives concerts in various parts of the state. A tour is taken during the spring vacation. Members are chosen at competitive try-outs soon after the beginning of the academic year.

The College Band consists of between 35 and 40 pieces. In addition to providing music for athletic contests, parades, and festivals, the Band undertakes a serious study of some of the better overtures and operatic selections. Several concerts are given during the season and trips are taken. The college owns a number of good instruments. The attractive uniforms are of orange and black, the college colors. The director is a member of the Faculty. Students having some ability and experience in band work are admitted to membership on application to the director.

The College Orchestra is a well-organized and growing musical group. Under a faculty director regular rehearsals are held and the Orchestra gives concerts and appears on occasions when its services are needed. Admission is by application to the director.

The College String Quartet is organized to encourage an interest in chamber music. Admission is by competitive try-outs.

Students who desire to include some work in music in their college course may elect as part of the required sequential study, with due regard for prerequisites, such courses as: introductory and advanced harmony, evolution of music, modern composers, interpretation and musical appreciation. This work may be elected, however, only upon consultation with the Dean and must be taken under approved instructors.

The Drama Club

Because of the increasing number of students interested in becoming members, the Drama Club, in November, 1929, voted to increase its membership from twenty-five to thirty. Membership is open not only to students interested in acting, but also to those interested in stage designing, stage managing, and theater business managing. Members are selected by try-outs, and by special application from those not wishing to come into the club primarily for experience in acting.

The club meets twice a month for regular programs and business sessions. The Story of the American Theater, Eu-

gene O'Neill, The One-Act Play, and Current Drama have been subjects of study in recent years. Usually two long plays and two or more programs of one-act plays are presented during the year.

Other plays given on the campus are the one-act plays given by the class in Dramatics (Public Speaking 9 and 10), and the Senior Play presented at commencement time. The class of 1929 gave a delightful performance of *She Stoops to Conquer*. *Craig's Wife*, by George Kelly, and *The Mollusc*, by Hubert Henry Davies, are recent productions of the Drama Club.

Other Student Organizations

Each club mentioned in this section is not only of special value to its members but also makes some real contribution to the life of the College as a whole.

The Chemistry, Advertising, Pre-medical, Spanish, and Law clubs are made up of students actively interested in these subjects. Each club holds regular meetings at which papers of a scientific and historical nature are presented and discussed.

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 peculiarly interested in matters of international importance. The active members of this club compose a seminar in international relations. See Course 22, department of Political Science. The club not only discusses questions of international interest, but reviews books, and reads papers of current importance. It 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.

RELIGIOUS LIFE

As judged by its founders, history, and present practice, Kalamazoo College is thoroughly Christian. The faculty members are, without exception, men and women of sterling Christian character. A Christian spirit permeates all the work and every relationship within the College. The daily chapel service is a formal recognition of this fact, and the kindly, personal interest existing between the student and the instructor is a practical expression of the spirit of the Great Teacher.

The fact that the student body numbers only four hundred favors personal acquaintance and that mutual confidence which makes conversation on religious topics easy and natural. With respect to Sunday services it is the policy of the College to encourage the students to maintain normal church connections, and to encourage the churches of all denominations to keep in touch with the students. While the College will occasionally hold a Sunday Vesper Service, it does not intend to interfere with the regular church duties and activities of the students, believing that in the long run such church connections will accomplish more good than separate organization and control within the College possibly could.

While the College is maintained mainly by the generosity of the Baptist denomination, which founded it, there is in no respect any discrimination against members of other religious bodies. All faiths are represented in the student body and are scrupulously respected. The College holds that an education without religious anchorage and control within the individual life is not only imperfect but dangerous. Through the life and example of the instructors it tries to show that vital religion is consistent with the highest learning in science as in philosophy and literature.

In addition to religious services twice a week at Mary Trowbridge House, the Fellowship Forum, open to all, meets twice a month in Bowen Hall. This is a group of serious-minded students who, without the formalities of written constitution and the like, meet for the purpose of giving expression to the devotional and intellectual sides of their religious life. Problems faced by students in their religious thinking are discussed, new books dealing with life service questions are presented for debate, and student life in its spiritual aspects is considered and emphasized. The aim of the Fellowship Forum is thus to stress the Christian aspect of our Fellowship in Learning, and the measure of prosperity thus far attained by the organization shows that it is satisfying a genuine student need and filling a distinct place in student life on the campus.

FORENSICS

Intercollegiate debating and public speaking are activities espoused by the organized student body. A student manager is elected by the students to assist the coach in arranging for contests with other colleges. Intercollegiate contests are held in debating for men's college teams and for women's college teams. The debaters for these contests are chosen by preliminary debates. College credit for work in debating is possible. Contestants representing the College are eligible to membership in a national forensic society. A series of intersociety debates is also held among both the men's and the women's organizations.

There are two state contests in public speaking, one for men and one for women. They are preceded by local contests in which the college representatives are selected.

Forensic Honors

Pi Kappa Delta is a national honorary forensic fraternity with a chapter in Kalamazoo College. Students representing the College in intercollegiate forensic contests are eligible to membership. Continued success in intercollegiate forensic

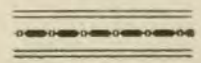
contests entitles the participant to increasing distinction in this organization until the highest grade is attained, whereupon the participant is automatically eligible to membership in Delta Sigma Rho, another national honorary forensic fraternity.

ATHLETICS

Intercollegiate contests are favored for their 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 of the 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.



FEES AND PERSONAL EXPENSES

First Semester, 18 Weeks

Matriculation fee (paid but once)		$ 10.00
Tuition		75.00
Library Fee		2.00
Student Privilege Fee, for Athletics, Forensics, and College paper		7.00
		$ 94.00
Room	$ 36.00 to	63.00
Board		108.00
Board and Room	144.00 to	171.00
Total First Semester	238.00 to	265.00
Second Semester	228.00 to	255.00
Total for College Year	465.00 to	519.00

(See page 31).

Other Specific Fees

Late Registration	$ 2.00
Late Change in Elections	1.00
Special Examination	2.00
Extra tuition for each semester hour over 17	5.00
All registrations under ten hours, per semester hour	8.00
Graduation fee	10.00
Chemistry, per course, per semester	7.00
Physics, per course, per semester	5.00
Biology, per course, per semester	3.00

Refunds

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 rebate of room rent is made.

Single Rooms

While practically all rooms in all student residences are intended for two students, in some instances a student upon request may have a room to himself or herself by payment of an extra fee. Students occupying rooms renting at $45.00 or less per student per semester, are charged an additional sum of $18.00 per semester, if they wish to room alone. For rooms renting at a rate of more than $45.00 per student per semester, students are charged an additional sum of $27.00 per semester if they wish to room alone.

STUDENT AID

The College operates upon a cash basis entirely. Although the sum of $12,000.00 is dispensed annually in scholarships, loans to students and in payment for student service, no credit is granted on college fees, board or room rent. The student must pay cash in advance, and toward the end of the semester, if his work is satisfactory and he is recommended by the Student Aid Committee, he will receive cash from the College. These payments to students are of three kinds:

1. Scholarship funds given outright for excellence in academic work. The highest ranking man and the highest ranking woman in the graduating class of any approved high school or academy is eligible for a $100.00 annual scholarship at Kalamazoo College. This scholarship will be continued in the same amount

of $100.00 per year for the entire college course, provided a satisfactory average grade of B, or better, is maintained.

2. Loans without interest, during the college course.
3. Wages for service as assigned.

The city of Kalamazoo is a trading and industrial center with a population of about 65,000. Hence there are numerous opportunities for the student to earn money, if he can find time to render such service as is required. The College maintains in the Business Office an active employment bureau for the placement of students.

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 of the College, and leads to the degree of Master of Science.

ADMISSION

GENERAL REQUIREMENTS

Candidates for admission to the College are expected to appear at the Registrar's Office in Bowen Hall, Monday, September 15, 1930, for the first semester, and not later than Tuesday, February 3, 1931, for the second semester. They must present evidence of good moral character, in the form of a testimonial from pastor, priest, or rabbi, indicative of personal character and religious affiliation. These testimonials are presented in person to the President, who confers with each incoming student prior to matriculation.

Students who finish their high school work in February may enter the College at the beginning of the second semester, February 3, 1931.

CERTIFICATES AND EXAMINATIONS

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

These certificates must be submitted to the Registrar and will be accepted only in so far as they give detailed statements of the extent and grade of preparatory work; and, without special action, only when presented within one year and four months after the time of graduation. 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.

* Those who intend to enter the College may obtain the proper blank forms for these certificates from the Registrar.

SPECIAL STUDENTS

In general, students who are prepared to enter the regular course but who desire to pursue special studies must secure the approval of the Curriculum and Scholarship Committee of the Faculty and be recommended by this committee to the President for this privilege.

Under exceptional circumstances the Faculty grants a student permission to take up special work without regular preparation for college entrance but in such case he 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. This must be done before he begins the work of the senior year.

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.

A graduate of one of the stronger courses of an approved normal school, who brings an official certificate explicitly describing the extent and character of his work, will be given, without examination, such advanced standing as is justified by the course he has completed.

Other candidates for advanced standing must comply with the regular entrance requirements and must pass satisfactory examinations in all subjects for which college credit is desired.

FRESHMAN ENTRANCE REQUIREMENTS

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.

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.
Algebra, 1 unit.
Geometry, 1 unit.
Science, 1 unit.
History, 1 unit.

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

English Composition and Literature, 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.
History, including Civics, 1, 2, 3 or 4 units.
Algebra, 1, 1½ or 2 units.
Geometry, 1 or 1½ units.
Trigonometry, ½ unit.
Physics, 1 unit.
Chemistry, 1 unit.

Botany, ½ or 1 unit.
Zoology, ½ or 1 unit.
Physiology, ½ or 1 unit.
Geology, ½ or 1 unit.
Physiography, ½ or 1 unit.
Economics, ½ or 1 unit.
Astronomy, ½ unit.
Introductory Science, 1 unit.

Three units not included in this group may be offered if accepted by the high school for graduation, if they are recommended by the high school as good college preparatory work, and if approved by the college committee on credits. But not more than two such units in any one subject will be accepted without special action.

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.

All students are advised to present four units of Latin and two units of a second foreign language. Students who expect to enter professional schools (Theology, Law, or Medicine) should certainly 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.

FRESHMAN ENTRANCE SUBJECTS

English

Three units are required and one unit in addition to these will be accepted. This work should consist of English composition, rhetoric, and the study and reading of English classics. All three should be distributed through at least three years in order to secure gradual development. Both the works studied and the works read should be those recommended by the National Conference on Uniform Entrance Requirements in English.

It is recommended that one unit in the history of English literature be offered.

French

Two, three, or four units of French may be offered. Students offering two units should have acquired an intelligent and fairly accurate pronunciation, should be able to understand simple spoken French and to write from dictation sentences containing familiar words and expressions, should have a knowledge of the essentials of French grammar, and should have read, under such guidance as to insure their attention to details and peculiarities of meaning, from 250 to 400 pages of standard French prose. They should also be able to translate easy English prose into idiomatic French.

If three units are offered, the student should have read in addition to the above at least 600 pages selected from the works of standard authors of the nineteenth century, and should have acquired considerable facility either in writing paraphrases in French of what he has read or in translating from English to French moderately difficult prose.

If four units are offered the work of the last year should have included in addition to the above considerable training in intelligent reading aloud of French texts, a study of the more intricate points in French syntax, and the reading of from 600 to 800 pages of French literature with some thoughtful study of the lives and purposes of the authors.

German

Two, three, or four units of German may be offered.

Students offering two units should be familiar with the fundamentals of German grammar, should be able to pro-

nounce German correctly and should have read about 200 or 250 pages of standard modern prose. They should be able to understand simple sentences spoken in German and to formulate answers to questions having to do with what they have read. They should also be able to translate easy English prose into German.

If three units are offered, the student should have read in addition to the above about 400 pages of modern prose, with some attention to the significance of the authors read, and should have acquired added facility in the use of German to express his own ideas.

If four units are offered, the work of the last year should include from 500 to 600 pages of additional reading.

Greek

Two units of Greek may be offered. They should be made up as follows:

First lessons and grammar, including a careful study of forms, vocabulary, and ordinary principles of syntax; Greek prose composition; Anabasis, at least three books; Homer, at least three books, including study of epic forms and of prosody.

If a third unit is offered, it should include additional work in Xenophon and Homer, and in prose composition.

The study of Greek may be taken up from the beginning in regular college classes. (See page 72).

Latin

If Latin is offered, not less than two units will be accepted. They may be made up as follows:

1. First Latin book, with thorough drill on inflection and the important rules of syntax.

II. Caesar's Gallic War, four books, with practice in Latin prose composition and syntax.

III. Cicero, the four orations against Cataline, For the Manilian Law, and For Archias, with Latin prose composition.

IV. Vergil's Æneid, I-IV, with practice in scansion and hexameter verse.

In conformity with the Report of the Commission on College Entrance Requirements in Latin the four units given above indicate the minimum amount of Latin reading required. All candidates presenting four units must offer the following: Cicero, orations For Manilian Law and For Archias, and Vergil, Æneid I, II, and either IV or VI at the option of the candidate, with knowledge of subject matter, literary and historical allusion, and prosody.

For the remaining amount, equivalents may be selected, however, from Caesar's Civil War and Nepos (Lives); Cicero (various orations, letters, and De Senectute) and Sallust (Cataline and Jugurthine War); Vergil (Bucolics, Georgics and Æneid) and Ovid (Metamorphoses, Fasti and Tristia). Candidates should be qualified to translate at sight both prose and verse.

Grammar and composition should include thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read, with ability to use this knowledge in writing simple Latin prose.

Spanish

Two, three, or four units may be offered. Those offering two units must have acquired facility in the use of simple Spanish, a correct pronunciation, the ability to take easy dictation, to translate easy prose, and to turn simple English sentences into Spanish. They should have a knowledge of the essentials of Spanish inflection and syntax. Reading should have covered about 250 pages of Spanish prose.

Those offering three units should be able to read ordinary Spanish prose rapidly at sight, show a clear comprehension of the distinction of tense and mode and the points of syntax, and give in simple connected Spanish the substance of a narrative. They should have read about 500 pages in addition to the amount given above for two units.

Those offering four units should have the ability to read with facility any Spanish of ordinary difficulty of vocabulary and syntax, and to translate into Spanish a simple passage of English and to converse with fair ease in Spanish on a familiar subject. They should have read about 500 pages, in addition to the amount offered for three units, and should possess a firm and practical grasp of the language.

History

One unit is required for entrance. Additional units up to four will be accepted. Where one unit only is offered, it is suggested that it be a course in world history, or in ancient and mediaeval history. It is desirable that where two units are offered one of the aforesaid fields and that of American history be covered.

Mathematics

One unit of algebra and one unit of geometry are required of all.

If the study of mathematics is to be continued in college, at least two and one-half units, including geometry and algebra through quadratic equations must be offered. The character of the various units should be as follows:

Algebra, through quadratics, including factoring, the solution of simple and quadratic equations, the use of fractional indices and radicals. One and one-half or two units.

Geometry, plane or plane and solid. Considerable attention should be given to so-called original problems and theorems. One or one and one-half units.

Advanced Algebra, one-half unit. This course should include the theory of quadratic equations, the progressions, logarithms, binomial theorem, elementary premutations and combinations, determinants of the third order, and selected topics from the elementary theory of equations.

Plane Trigonometry, one-half unit.

Physics

One unit is accepted. One-half of the year's work should be in the laboratory, and a notebook should be prepared.

Chemistry

One unit is accepted. A continuous year of work in general chemistry, where one-half of the time is given to individual laboratory work, will meet the requirement. A laboratory notebook should be prepared.

Biology

In all subjects in this department submitted for entrance where laboratory work forms part of the course, a notebook and drawings should be prepared. The following paragraphs indicate the scope of the various units:

Botany, an acquaintance is required with the general structure of plants, their principal organs and functions. This acquaintance should be derived chiefly from a study of the objects themselves. Emphasis should not be laid on skill in making herbaria, but on thorough understanding of plants as living organisms.

Zoology, several types of animals should be studied, rather as an interpretation of functions than from a purely morphological standpoint. It is not necessary that dissections be made in all cases. A study of external form as related to life histories and adaptations is most desirable. Field work and local knowledge are also valuable.

Physiology, the anatomy and physiology of the human body with special reference to the relation of structure and function. Hygiene should be emphasized throughout the course. Where a whole year's work is offered, it should include practical laboratory work.

Physiography, the character of the work required may be seen by referring to standard texts. Laboratory and field work should form part of the course, and local conditions should be studied.

Geology, an equivalent course in geology is accepted.

GENERAL COLLEGE REGULATIONS

ATTENDANCE

Students are required to be prompt and constant in attendance upon all the regular exercises in the subjects for which they are registered, and are likewise required to do all the regular work of the different courses as directed by the instructors in charge.

Students are required to attend chapel exercises regularly unless excused by the Dean. When, in any semester, a student's unexcused absences from Chapel become excessive, he is subjected to such discipline as the Dean may consider advisable.

BOARDING AND RESIDENCES

All out of town students are required to live in college residences and board at the College Dining Hall. (See page 31).

CONDUCT

Kalamazoo College aims to develop in the individual student a keen sense of personal responsibility for good order, and to secure his hearty co-operation with the Faculty in the development of his own character. The College reserves the right to dismiss any student whose conduct is unsatisfactory.

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 some member of the Faculty, and to pay the semester's tuition fees in advance. These three things constitute registration.

The Committee on Registration of New Students will meet on Saturday, Monday, and Tuesday, September 13, 15, and 16, 1930, to consult with new students about their elections, and no new student is permitted to enter any class without the approval of this committee. Students entering from other colleges will consult the Dean with regard to their elections.

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.

No credit will be 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 curriculum and 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, or who failed to earn at least thirty quality points during said semester.

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 student, after consultation with the President, chooses some member of the Faculty as his adviser, Freshmen not later than the middle of the second semester. These advisers co-operate with the Personnel Bureau and in their suggestions and advice to students make use of its findings and material.

In addition, members of the Faculty serve as vocational counselors (for vocational curricula see pages 118-127), if students seek guidance in shaping a course that will best prepare them for a chosen vocation.

PERSONNEL BUREAU

The Student Personnel Bureau, established in the fall of 1926, aids in individualizing education by endeavoring to bring about better adjustment between the individual student and the College. The personnel office serves as a clearing house for the collection and filing of personal data on each student for the use of faculty advisers and deans, and also as a basis for advice to the individual student on vocational, personal and educational problems. This information accumulates throughout the student's college course and is available to the Placement Bureau when the student is ready to leave. At the opening of college personal photographs of new students are made for purposes of record at a nominal charge of twenty-five cents, each student receiving three prints. Psychological tests are also required of all new students, and the results of these tests are supplemented by a personal information questionnaire upon matriculation. A cumulative record for each student is kept on which are entered average grades, honors, disciplinary restrictions, ratings by faculty members, and other such information as may be valuable. In the personnel office also is kept a collection of books on various vocations, which are available to any student. The Bureau also administers special vocational tests free of charge as far as these are available. A final function of the Bureau consists in carrying on studies and investigations of a research nature.

EXAMINATIONS

At the end of each semester students are examined in all the studies of the semester. In general, these examinations are written. Examinations are held also at mid-semester. In addition, supplemental examinations are held twice during the college year.

All supplemental examinations are given on Tuesday before the opening of college in September, and on the first Wednesday following the spring recess. All such examinations are given at one time and place 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.

CLASSIFICATION

Any student who has a diploma from an approved secondary school and a properly approved certificate showing that he does not lack more than one unit for entrance to the regular course is classified as a Freshman.

Any student who has satisfied all the regular entrance requirements is classified as a Sophomore, if he has credit for at least *twenty-two* hours of work; as a Junior, if he has credit for at least *fifty-four* hours of work; as a Senior,

if he has credit for at least *eighty-six* hours of work; or if he is registered for sufficient work to complete the requirements for graduation.

DISMISSAL FOR LOW SCHOLARSHIP

In order to maintain its standard of scholarship Kalamazoo College 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 his second year, if on account of poor scholarship he has failed to earn a credit of at least forty hours and forty quality points.

HONORS AND PRIZES

GENERAL HONORS

General Honors are awarded under the following conditions:

Honors for One 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 are awarded to eligible students if they have earned 2.5 points per hour for the work of the year.

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

Honors for the Course: All students who have done full work in the College for two years are eligible.

Honors for the course are granted to eligible students if they have earned 2.5 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 granted eligible students if they have completed one hundred twenty hours with 2.75 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 MAJOR

Honors for a major are awarded to eligible students who complete the courses of a major with 2.7 points per hour. Major honors for Seniors are announced at commencement.

SCHOLARS GROUP AND HONORS COURSES

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

Any member of this scholars group who desires to do special work in a certain department may be permitted to take honors courses by vote of the Faculty.

Purpose

Honors courses are designed to make the college course more flexible; to inspire the student to do a higher grade of intellectual work; to encourage him in the endeavor to master a field rather than merely to take certain courses; and, especially to give him the freedom to pursue a subject as rapidly as his ability permits.

The promise of aptitude for intensive, independent work on the part of the student rather than mere ability to win high grades is the determining factor in the decision of the Faculty in dealing with an application for admission to honors courses.

Admission

A member of the scholars group may register for an honors course by making application to the Faculty upon a blank form prepared for that purpose when recommended by the head of the department in which the study is to be pursued. Actual work in such a course may be begun only after the student has completed a minimum of 54 semester hours of study and has earned an aggregate of 120 points.

As a general rule a student is permitted to take but one honors course in any one semester. If, however, he has not taken any such course in his junior year, he may be permitted to take two honors courses in the same or in related departments in his senior year.

Departmental Supervision

The work of the student in an honors course is supervised by the instructor under whom he is doing his independent study. In lieu of class attendance in such courses the student meets his supervising instructor for frequent conferences, makes either written or oral reports from time to time, and may be required to present at the end of a semester a carefully written paper covering a portion of his work.

Credits

The completion of an honors course entitles the student to a credit of two or more semester hours, the exact amount of credit received being determined by the nature and quantity of the work done.

A student may become a candidate for the degree of Bachelor of Arts with honors only in the field of his major and upon the completion of a minimum of six semester hours of honors courses in that subject. The maximum credit allowed for such work is 12 semester hours.

Before being graduated such a candidate must give satisfactory evidence of a working knowledge of French or German, or, if his major work so suggests, Spanish.

Examinations

A student admitted to the honors courses may, at the option of his supervising professor, be excused from taking semester examinations in these independent courses. In such case, at the end of the junior year, he is to take an examination given by the department in which he is doing this independent work. Toward the close of his senior year he is to take a comprehensive examination in the field of his concentration. This examination may be partly written and partly oral. The oral examination is conducted by the instructors of the department immediately concerned, assisted by at least one faculty member from another department.

By "field of concentration" is meant the subject, or a reasonable part thereof, in which the honors course or courses may lie.

Demotion and Reinstatement

If at any time a member of the scholars group falls below an average of at least two points per semester for the number of hours for which he is registered, he is thereupon denied ranking in the scholars group and consequently not permitted to continue his honors courses. This action, however, does not deprive him of credits earned in honors courses already completed. He may be reinstated, also, upon the recommendation of the Committee on Honors Courses.

Recognition and Privileges

If a student is a candidate for a degree with honors and if his regular class work is satisfactory to each of his instructors, he may be excused from the final examinations of the second semester of his senior year in order to permit him to prepare for his comprehensive examination in the field of his concentration.

Students in the scholars group and those registered in honors courses are so listed in the catalogue and on commencement programs.

Administration

The administration of these honors courses is entrusted to the Committee on Honors Courses appointed by the President.

PRIZES

The College has approximately $800.00 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 which is applied to prizes in political science and economics, the other one-half of which 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 during commencement week.

4. The Winifred Peet Jones Prize, endowed to the sum of $500.00, is offered by Mr. W. O. Jones 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 Student Body Prize, endowed to the sum of $200.00. This prize is offered to the student acclaimed by a vote of the student body as being the best all round athlete for the year.

9. 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 all the work offered in philosophy, have the highest standing in this field.

10. The Folz Prize. This prize, offered in memory of the Hon. Samuel Folz, is awarded to that pre-medical student who has made the best combined record in biology, chemistry, and physics.

11. The Todd Chemistry Prize. This prize, offered by the Hon. Albert M. Todd, is given for excellence in the first year's work in chemistry.

12. The Todd Sociological Prize. This prize, offered by the Hon. Albert M. Todd, is given for excellence in work in sociology in the junior year.

13. The Pinkham and Wright Debating Prize for Men, offered by Mr. F. O. Pinkham, B. S., 1909, and Mr. L. A. Wright, Ph. B., 1909, is awarded for excellence in a public debate held during commencement week.

14. The Farley Prize. This prize, offered by Mrs. Della Farley Harris, is awarded for excellence in the first year's work in English literature.

15. 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.

16. The Young Mathematical Prize. This prize, offered by Mr. E. R. Young, B. S., 1903, is awarded to that member of the graduating class who has done the best work in a major in mathematics.

17. The Oakley Prize. This prize, offered by Mr. and Mrs. C. W. Oakley, is awarded to that member of the graduating class having the highest record for the entire college course.

18. The Balch Prize. This prize, offered by the Hon. J. B. Balch, is awarded for excellence in the year's work in physics.

19. The Women's Literary Societies Prize. The Eurodelphian, the Kappa Pi and the Alpha Sigma Delta societies jointly offer a prize to that society of their number having the highest average scholarship for the year.

20. 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 each year who in the opinion of the Faculty most successfully combined high scholarship with athletic prowess during his four years in college.

21. The Twentieth Century Club of Kalamazoo, in honor of Mrs. H. L. Stetson, a past president of the Club, gives an annual prize to that member of the senior class who presents the best critique on an assigned subject in English or American Literature.

22. The George P. Wigginton Prizes. These prizes, offered by Mr. Wigginton, are awarded as first and second prizes for excellence in accounting.

23. 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.

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.

COURSE OF STUDY

KALAMAZOO College is on the approved list of the Association of American Universities and of the North Central Association of Colleges and Secondary Schools. In 1855 the Legislature of Michigan passed an amendatory clause to the charter of 1833 requiring that courses for Kalamazoo College degrees be equivalent to and as thorough as those prescribed by the Regents of the University of Michigan. The College observes these requirements and maintains an academic status whereby its work is accepted at face value by all institutions of higher learning.

AIM

The aim of Kalamazoo College in the courses offered, as in all contacts between Faculty and students, is to create and maintain a genuine fellowship in learning. For this purpose and because the student body is limited, a distinct effort is made to attract only students of moral purpose, and to encourage self-discovery, initiative and individuality. Accordingly small classes are maintained and the round-table class is more and more coming into favor.

Conference with professors is always possible and is encouraged in every way. The College holds that the education of free and responsible personalities with clear moral judgment, high purpose and disciplined minds constitutes its claim to support, its obligation youth and its best contribution to American life.

SUPERIOR ABILITY

One of the more important functions of the College is the recognition and development of young men and women of superior ability, Among the devices for doing this are various student organizations which encourage initiative and special abilities; the course of study which, by the system of majors and minors, compels continuity of work; the special and general honors granted for excellence; the privilege of taking honors courses; the many prizes in the various departments; and the recommendation of students having the preparation and ability for research to scholarships and fellowships in the graduate schools of various universities. These methods are effective. Many graduates of the College are now engaged in research work in universities and industries. Many others have been equally successful in other professional and business careers. In any case of distinctly exceptional ability the College will provide for the student's progress at a rate faster than that of any regular class, by offering examinations and granting credit according to the recommendations of the departments concerned when adopted by the Faculty.

REQUIRED WORK

The regular course of studies leading to the bachelor's degree consists of 120 semester hours* of required and elective work chosen in accordance with the regulations stated in the following paragraphs.

Freshman and Sophomore Courses

Freshmen are required to take Rhetoric 1, 2, including public speaking.

Freshmen and Sophomores are required to take regular work in the department of Physical Education.

Other Work Required

Each candidate for the bachelor's degree is required to complete in college one second year course of at least eight hours in a modern foreign language. He is also required

* 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.

to complete one other year's work of at least six hours in foreign language or in English. Rhetoric 1, 2 may not be counted toward this requirement. 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.

Each candidate for the bachelor's degree is required to complete in college one year of work in history, economics (not courses 13-17), sociology, political science, or biblical literature and religion (not courses 5, 6, or 23-26), amounting to at least six hours. All are advised to take in high school or college, courses in American history and in either English or general European history, and to gain some knowledge of ancient history.

All are required to complete in College one year amounting to at least eight hours of laboratory science.

The above required work in foreign languages, history or the social sciences and that in laboratory science must be completed before the beginning of the senior year.

ELECTIVE WORK

All courses, excepting those mentioned above, are elective, but in order that the first two years of the college course may serve to give the student an adequate introduction to the various fields of study included in the curriculum, the following regulations have been adopted:

1 Freshman Schedule

Freshmen must make their elections in accordance with the freshman schedule.

Required of all:

Gymnasium. (See pages 105-107).

Rhetoric and Public Speaking, three hours each semester.

Choose one each from a, b, and 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. Mathematics, four hours, or a laboratory science, four hours each semester. (See requirements in science, page 68).

c. A third elective from the following:

Latin, 5, 6; Greek, 1, 2, or 3, 4.

French, 1, 2, or 3, 4; German, 1, 2, or 3, 4.

Spanish, 1, 2, or 3, 4.

Biology, 1, 2, or 3, 4; Chemistry, 1, 2; *Physics 1, 2.

Mathematics, 1, 2.

History, 1, 2, or 3, 4, or 5, 6.

In order that Freshmen may begin their college work advantageously a special program is set up for them during the registration period. This program includes the regular mental tests for all members of the freshman class, lectures on the history, aim and organization of the College, use of libraries and laboratories, description of student organizations and traditions, and announcement of the conditions governing prizes and scholarship honors.

2 Sophomore Electives

For election of studies for Sophomores the curriculum is divided into three groups of subjects:

a. Languages and Literatures (including public speaking, rhetoric and all foreign language courses);

b. The Physical Sciences (including mathematics);

c. The Social Sciences (including history, philosophy and all courses in education).

Sophomores are expected to elect work from at least two of these three groups. All sophomore elections are subject to review by the Committee on Curriculum and Scholarship.

3 Majors and Minors

In order to provide for some degree of concentration in the college course, it is required that each student, near the

* Freshmen who have had one year of physics in high school and are registered for Mathematics 1, are eligible.

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 hours of work in one department with a grade of C or above in each course, distributed through at least five semesters.

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

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

REQUIREMENTS FOR GRADUATION

The course of studies leading to the Bachelor of Arts degree ordinarily requires four full years.

The candidate must earn at least 120 semester hours of credit and 120 quality points (See Standings, page 57), must complete satisfactorily all the required work indicated on pages 67, 68, and must so distribute his work as to include one major and two minors as described above.

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

All candidates for the bachelor's degree are required to spend their senior year at this college and to earn in residence at least thirty hours and thirty quality points. Students who 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.

MASTER'S DEGREE

Any graduate of the College or of any other college in good standing may be recommended for the degree of Master of Arts or Master of Science after at least one year of resident graduate study upon passing a satisfactory examination on an approved course of study and presenting a satisfactory thesis on some topic connected with the principal subject.

No one who does not give full time to the work may receive the degree in less than two years. At least two-thirds of the work must be done in one department, and any other subject must be related to the principal subject. The head of the department in which the candidate does his major work shall submit to the Faculty for ratification a written statement of the course planned for each candidate.

DEPARTMENTS OF INSTRUCTION

ANCIENT LANGUAGES AND LITERATURES

I. Greek

PROFESSOR SEVERN

1, 2. First Year Greek.

A careful study of the essentials of vocabulary, forms, and syntax; first two books of Xenophon's Anabasis, and the writing of Greek (No credit toward graduation given for course 1 unless followed by course 2). Four hours throughout the year. 9:00 M., T., Th., F. (Offered 1930-31, if registration warrants).

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. 11:25 M., W., F. (Offered 1930-31).

5. Greek New Testament.

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. Hours arranged. (Omitted 1930-31).

6. Greek Drama.

Selected plays, the Greek theater, and dramatic representations. Offered only upon sufficient demand.

7, 8. Greek Historians.

Selections, with collateral reading and reports. Offered only upon sufficient demand. Three or four hours each semester. Hours arranged. (Omitted 1930-31).

II. Latin

PROFESSOR BAILEY

5. Cicero, De Amicitia.

Thorough review of the Latin syntax and declensions. *Augustine Prose, Livy.* Study of the founding and development of the Roman government, political officers, and their influence on Roman civil life. Prerequisite, four units of Latin for admission. Three hours, first semester. 1:30 M., Th., F.

6. Augustine Poetry.

Horace, Odes and Epodes. Lyric poetry and metres. Roman life and thought as portrayed in the poems. Terence, Phormio; study of Roman drama and theater. Prerequisite, course 5. Three hours, second semester. 1:30 M., Th., F.

7. Roman Comedy. Terence.

Study of all the plays of Terence. History of drama among the Romans; scenic antiquities; colloquial Latin; dramatic criticism. Papers by the students on assigned topics. Prerequisite, courses 5 and 6. Three hours, first semester. 11:25 M., W., F.

8. Roman Philosophy. Lucretius.

De Rerum Natura. Study of Roman religious belief and theories about the universe, organic life and man. Influence of Roman philosophy on Roman life, on modern philosophy, and on Christianity. Three hours, second semester. 11:25 M., W., F.

11, 12. Teachers' Training Course in Latin.

(See Education 19, 20, page 86).

Review of the principles of Latin syntax with a view to the most efficient methods of teaching Latin. One or two hours throughout the year.

Biblical Literature and Religion

ASSISTANT PROFESSOR DUNSMORE

I. Biblical History and Literature

1. Hebrew History.

(Also credited as History 3).

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. A careful examination of the sources of the history is made, together with a study of the process by which the Old Testament was formed. Textbook, with collateral readings and reports. Open to Freshmen and Sophomores. Four hours, first semester. 2:30 M., T., Th., F.

2. History of New Testament Times.

(Also credited as History 4).

A survey of the history of the Graeco-Roman world, from the death of Alexander to about 180 A. D., as far as it relates to an understanding of early Christianity. Emphasis is placed upon those aspects of the history which find expression in the literature and religion of the early Christians. This course continues course 1, which, however, is not a prerequisite. Open to Freshmen and Sophomores. Four hours, second semester. 2:30 M., T., Th., F.

3. Old Testament Literature and Thought.

(A) A study of the origin, nature, and contents of the historical and poetical books of the Old Testament in the light of their historical background. Special stress is placed upon the religious thought set forth in these writings. Three hours, first semester. 10:25 M., W., F. (Offered 1930-31).

(B) The Hebrew Prophets. A study of the lives and teachings of the Hebrew prophets in the light of the historical situations in which they lived. An attempt is made to see them as real men, busy with vital social, religious, and political problems, and as pioneers of a new and larger religious faith. Three hours, first semester. 10:25 M., W., F. (Omitted 1930-31).

4. New Testament Literature and Thought.

(A) Life and Teachings of Jesus. An historical and constructive study of the life of Jesus, together with a consideration of his main teachings. Three hours, second semester. 10:25 M., W., F. (Omitted 1930-31).

(B) The Lives and Teachings of the Apostles. A survey of the literature of the New Testament, exclusive of the Gospels. The major emphasis of the course is upon the life and letters of the Apostle Paul, with a study of his contribution to the Christian movement. Three hours, second semester. 10:25 M., W., F. (Offered 1930-31).

5, 6. A Literary Study of the Bible.

(Also credited as English 9, 10).

A study of the English Bible from a literary point of view. The various types of biblical literature, such as poetry, short story, allegory, oratory, narrative, are studied. Some of the masterpieces of the Bible are compared with the religious classics of other peoples. This course runs through the year, but credit may be granted for a single semester. Not open to Freshmen. Two hours, both semesters. 9:00 W., S. (Omitted 1930-31).

8. The Social Teachings of the Prophets and Jesus.

(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 prob-

lems. Not open to Freshmen. Two hours, second semester. 9:00 W., S. (Offered 1930-31).

II. Religious History and Thought.

11. History of Religions.

An historical study of the world's great religions, with special emphasis upon their distinctive values. A comparison is made of the various religions with Christianity. Not open to Freshmen. Three hours, first semester. 10:25 T., Th., S. (Offered 1930-31).

13. Problems of Religion.

This course serves as an introduction to the study of religion. It attempts to help the student to understand more clearly what religion is, to understand more clearly his own religious nature and experience, to examine some of the great religious ideas, and to study the place of religion in modern life. Not open to Freshmen. Three hours, first semester. 10:25 T., Th., S. (Omitted 1930-31).

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. 11:25 T., Th., S.

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. 11:25 T., Th., S. (Offered 1930-31).

26. The Curriculum of Religious Education.

A study of the principles and problems involved in the construction of a curriculum of religious education. Representative current curricula are examined and evaluated. Prerequisite, Religious Education 23, or consent of the instructor. Three hours, second semester. 11:25 T., Th., S. (Omitted 1930-31).

BIOLOGY

PROFESSOR PRAEGER, ASSISTANT PROFESSOR DIEBOLD

Students beginning biology may elect course 1 or 3. When taken as a beginning subject 4 hours credit is given, and there are three lectures per week. Following this either course is for 3 hours credit with two lectures per week. Courses 7, 8 and 9 are open to upper classmen who find it impossible to take either 1 or 3. These should attend the weekly lectures on general biology at 8:00 T.

1. Botany.

How plants live and reproduce, and the structures involved. The morphology of the simpler plants. Three or four hours, first semester. Lectures, 8:00 T., 9:00 W., S. Laboratory two consecutive hours, 10:25 and 1:30 T., Th.

Mr. Praeger and Miss Diebold.

2. Botany.

A comparative study of the higher plants with a view to their evolutionary relationships. Three or four hours, second semester. A continuation of course 1.

Mr. Praeger and Miss Diebold.

3. Zoology.

An introductory course dealing with the invertebrates. Three or four hours, first semester. Lectures 8:00 T., Th., S. Laboratory two consecutive hours, 8:00 and 10:25 M., F. Mr. Praeger, Miss Diebold.

4. Zoology.

General zoology with special attention to the vertebrates. Three or four hours, second semester. A continuation of course 3. Mr. Praeger, Miss Diebold.

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 1:30 M., F. Miss Diebold.

6. Vertebrate Embryology.

A study of the development of the individual from the origin of the germ cells to the adult condition. Four hours, second semester. Lectures 1:30 T., Th. Laboratory 1:30 M., F. Alternates with 16. (Offered 1930-31).

Miss Diebold.

7. History of Biologic Forms.

A survey of the succession of plant and animal life on the earth. Two hours, first semester. 1:30 M., F.

Mr. Praeger.

8. History of Biologic Thought.

A study of the contributions of the most noted thinkers to the advancement of the science. Two hours, second semester. 1:30 M., F. Mr. Praeger, Miss Diebold.

9. Genetics.

A study of the modern conceptions of heredity and the investigations on which they are based. Eugenics and social problems receive special attention. Two hours, first semester. 11:25 M., F. Mr. Praeger.

10. Physiographic Ecology.

A study of the factors on the earth's surface that influence plant life. The distribution of plants in response to environment. Local conditions are given some attention. Two hours, second semester. 11:25 M., F. Mr. Praeger.

11, 12. 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; biological study; plant morphology and classification. Hours and credit to be arranged. Mr. Praeger, Miss Diebold.

13, 14. Biology Seminar.

A study of recent biological literature. One hour each semester. Hour to be arranged.

Mr. Praeger, Miss Diebold.

16. Animal Histology and Microtechnic.

A study of the minute structure of animals. Training in the preparation of materials. Three hours, second semester. Alternates with 6. (Omitted 1930-31). Lecture 1:30 T. Laboratory 1:30 M., F. Miss Diebold.

CHEMISTRY

PROFESSORS SMITH AND STOWE

1, 2. General Inorganic Chemistry.

Four hours throughout the year. Lectures 1:30 T., Th. Laboratory two consecutive hours 10:25 and 1:30 M., F.

Mr. Smith.

3, 4. Qualitative Analysis.

Three hours throughout the year. Prerequisite, course 1, 2. Lectures 11:25 Th. Laboratory hours by arrangement. Mr. Smith.

5, 6. Organic Chemistry.

Four hours throughout the year. Prerequisite, course 1, 2. Lectures 9:00 W., S. Laboratory two consecutive hours 10:25 T., Th. Mr. Smith.

7, 8. Quantitative Analysis.

Chiefly laboratory work with occasional lectures, recitations and problems. A carefully selected series of quantitative determinations designed to give the student as wide a range as possible of typical methods of quantitative manipulation both gravimetric and volumetric. Three hours throughout the year. Prerequisite, courses 1, 2, 3, 4. Hours arranged. Mr. Stowe.

9, 10. Physical Chemistry.

Lectures, recitations and laboratory work, introducing the student to the principal chapters of modern chemical theory. Four hours throughout the year. Prerequisite, Chemistry 1, 2, 3, 4; Physics 1, 2; Mathematics 1, 2. A knowledge of organic chemistry and calculus is desirable. Lectures 8:00 T., Th. Laboratory 1:30-4:30 T., Th., Mr. Stowe.

11. Advanced Qualitative Analysis.

Two hours, one semester. Mr. Stowe.

12. Advanced Quantitative Analysis.

Laboratory work is offered in the analysis of water, sugar, fuel, and of various types of organic compounds, as well as other analytical work of special content. Hours and credit arranged. Mr. Stowe.

13. Inorganic Preparations.

Three hours, one semester. Mr. Stowe.

14. Advanced Organic Preparations.

Four hours, one semester. Mr. Smith.

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. Open only to students intending to continue the study of physical chemistry in some graduate school. Hours and credit arranged. Mr. Stowe.

16. Chemistry of Food and Nutrition.

Four hours, one semester. Prerequisite, courses 1, 2, 5. Mr. Smith.

20. Chemistry Seminar.

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 PROFESSORS BELDEN AND STEVENSON

1, 4. Principles of Economics.

An introductory course designed to acquaint the student with the fundamental principles which underlie economic activities. Three hours throughout the year. Prerequisite, sophomore standing. 11:25 M., W., F.; 10:25 T., Th., S. Mr. Belden, Mr. Stevenson.

Junior standing and course 1 are prerequisite for all other courses in the department.

2. Money and Banking.

A study of the monetary system of the United States, and the principles and practice of banking, including the Canadian and European banking systems; credit instruments,

financial institutions and principles of investment. Three hours, first semester. 8:00 M., W., F. Mr. Belden.

3. Corporation Finance.

Financial structure of corporations. Business promotion, expansion, reorganization and consolidation. Amortization. Readjustments of capital accounts. Three hours, second semester. 8:00 M., W., F. Mr. Belden.

5, 6. Marketing and Distribution.

The various functions of marketing: advertising and selling, buying, risk bearing, standardization, financing, storage, transportation. Present organization of domestic and foreign markets for various commodities. Possible economies. Conflict and identity of interests of producers, consumers and middlemen. Three hours throughout the year. 10:25 M., W., F. Mr. Belden.

13. Business Management.

A general survey, from the point of view of the business manager, of the problems of business organization and management. The course takes up the problems of personnel administration, scientific management, industrial research, etc., as applied to the office and factory. Three hours, first semester. 2:30 M., T., Th. (Omitted 1930-31). Mr. Stevenson.

14. Labor Problems.

Study of labor from the point of view of the employer, the employee, and the public, including consideration of labor management in industry, labor organizations, and labor legislation. Three hours, second semester. 11:25 T., Th., S. Mr. Stevenson.

16. Accounting.

Fundamental principles of debit and credit, and bookkeeping method; construction and interpretation of accounts, income statements and balance sheets. Lectures, recitations and laboratory exercises. Three hours, first semester. 1:30-3:30 T., Th. and one hour to be arranged. Mr. Stevenson.

17. Accounting.

Accounting problems of the manufacturing establishment and of the corporation; interpretation of financial statements and balance sheet changes. Prerequisite, Economics 16. Lectures, recitations, and laboratory exercises. Three hours, second semester. 1:30-3:30 T., Th. and one hour to be arranged. Mr. Stevenson.

15, 18. Statistics.

Methods of collection, tabulation and graphic representation of data. Analysis of statistical series of different types, and interpretation of the various measures used. Study of sources of statistical data in the field of economics. Three hours throughout the year. Lectures, M., 1:30; laboratory, T., Th., 1:30-3:30. Mr. Belden.

23. Critical Analysis of Economic Order.

Critical examination of present economic institutions, together with proposed substitutions and reforms, including socialism, syndicalism, government control, communism, guild socialism, single tax and co-operation. Prerequisite, Economics 1 and nine additional hours or their equivalent. Three hours, first semester. 11:25 T., Th., S. Mr. Stevenson.

27. Insurance.

The principles of insurance are fully discussed with practical application and problems. Three hours, first semester. 10:25 M., W., F. (Omitted 1930-31). Mr. Belden.

28. Public Finance

This course deals with the various kinds of taxes, public expenditures, and public debts. Three hours, second semester. 10:25 M., W., F. (Omitted 1930-31). Mr. Cornell.

29, 30. Railroad Transportation.

Historical growth and industrial significance; economic problems connected therewith; rates, capitalization, regulation, consolidation, public transportation policy. Three hours, throughout the year. 8:00 T., Th., S.

Mr. Stevenson.

31. Public Utilities.

Distinction between public and private callings; a study of the economics, political, legal, and social characteristics of public utilities; the franchise; various forms of regulations; scope, powers, and duties of public utility commissions; capitalization and finance, various forms of valuation, fair value, appraisals, problem of reasonable rates, adequate service. Three hours, second semester. 11:25 M., W., F. (Omitted 1930-31). Mr. Stevenson.

EDUCATION

MRS. WARNER

1. General Psychology.
(See Psychology 1, page 103).

2. Educational Psychology.
(See Psychology 2, page 104).

11. Philosophy of Education.

A study of education as a social agency. An endeavor is made to formulate a satisfactory working theory of education. Topics considered are: the nature of education; democracy and education; the problem of method; the use of purposeful activity; the principles of the curriculum. Three hours, first semester. Open to Juniors and Seniors. (Omitted 1930-31).

13. Principles of Teaching.

This course is concerned with the teaching of principles in use in the better school systems today. It includes observation and discussion of classroom procedure with special reference to the principles involved; adapting procedure to individual needs; planning lessons; qualifications of teachers. A prerequisite for Education 31. 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, Psychology 1 and 2.

14. History of Education.

A survey course in the history of education interpreted in the light of surrounding economic and political conditions. National systems of education; the extension of popular education; a study of present day leaders and movements. Seniors. Three hours, second semester. 9:00 M., Th., F.

15. Secondary Education.

Relation of secondary to elementary and higher education; problems of reorganization of secondary education; the junior high school movement; the secondary school pupil; the curriculum; extra curricular activities. Three hours, first semester. 2:30 T., Th., F.

31. Practice Teaching and Observation.

In accordance with the State Department's interpretation of legislation concerning the certification of teachers, all candidates for the Life Certificate must complete fifteen hours in the department of Education in addition to ninety clock hours of practice teaching. Students desiring the certificate should consult with the Director of Practice before the beginning of the junior year. At least two consecutive hours of the school day must be reserved for this work. Students are strongly urged to undertake no extra work during the semester in which teaching is being done.

The course includes teaching; observation and discussion; conferences with the supervisors; at least one group conference each week with the Director of Practice. Open to Seniors approved by Appointment Committee. Two hours credit. Prerequisite, Psychology 2 and Education 13.

16. Special Methods and Observation in French.

(Also credited as French 12).

17. Special Methods and Observation in English.

(Also credited as Rhetoric 9, 10).

18. Special Methods and Observation in History.

(Also credited as History 18).

19, 20. Special Methods and Observation in Latin.

(Also credited as Latin 11, 12).

ENGLISH

PROFESSOR SIMPSON, ASSOCIATE PROFESSOR MULDER, ASSISTANT PROFESSOR WORTH, MISS TANIS.

I. LITERATURE.

1, 2. Introduction to Literature.

An analytical and appreciative study of masterpieces exemplifying each of the major types of English literature, both poetry and prose. First semester, the epic, the metrical romance, the drama, and the novel. Second semester, the essay, the ballad, and the lyric in its various forms. Three hours each semester. Prerequisite, Rhetoric I. 10:25 M., W., F., and 11:25 T., Th., S. Courses 1 and 2 are prerequisite for all other courses in English Literature.

Mr. Simpson.

3, 4. Elizabethan Drama.

An historical and appreciative study of the origin of the English drama and of its development and vogue throughout the Elizabethan period. First semester, pre-Shakespearean and the earlier Shakespearean plays. Second semester, the maturer plays of Shakespeare, together with representative plays of his more important contemporaries

and immediate successors. Three hours throughout the year. 8:00 T., Th., S., and 1:30 M., Th., F. (Offered 1930-31). Mr. Simpson.

5. The Literature of the Romantic Movement.

An intensive study of the poetry of Wordsworth and of Coleridge, preceded by a brief, comprehensive review of the growth of liberalism during the latter part of the neo-classical period; also a careful examination of the more prominent poems of Byron, Keats, and Shelley, and of the more significant essays of Lamb, Hazlitt, DeQuincey, etc. Three hours, first semester. 8:00 T., Th., S. (Offered 1930-31). Mrs. Worth.

6. American Literature.

A study of the development of literature in America from its beginnings in the colonial period to the close of the nineteenth century. Special attention to the work of Emerson and other members of the Concord group; also to the growth of the short-story. Three hours, second semester. 8:00 T., Th., S. (Offered 1930-31). Mrs. Worth.

7, 8. The Poetry of the Victorian Period.

An intensive study of the poetry of the Victorian age. First semester, Landor, Mrs. Browning, Tennyson, with special attention to Tennyson. Second semester, Arnold. Browning, Swinburne, with major emphasis upon Browning. 8:00 T., Th., S., and 1:30 M., Th., F. (Omitted 1930-31). Mr. Simpson.

9, 10. A Literary Study of the English Bible.

(See Biblical Literature and Religion 5, 6, page 75).

11. The Development of the English Novel.

A comprehensive survey of the novel as a distinct literary form from its beginning until its artistic maturity in the latter half of the nineteenth century. Representative novels of Defoe, Richardson, Fielding, Austen, Scott, Dickens,

Thackeray, Eliot, Meredith, and Hardy are studied. Three hours, first semester. 11:25 M., W., F. (Offered 1930-31). Mr. Mulder.

12. The Contemporary Novel.

An examination of the more noteworthy and representative novels, both European and American, since 1890. Emphasis upon content as well as upon form. Reports upon assigned collateral reading. Three hours, second semester. 11:25 M., W., F. (Offered 1930-31). Mr. Mulder.

13, 14. (A). Modern Drama.

First semester, a study of the representative dramas of continental Europe from Ibsen to the present day. Emphasis on Ibsen. Second semester, English and American drama from 1890 to the present. Emphasis on Galsworthy, Shaw, and O'Neill. Admission to second semester by permission of instructor. Three hours throughout the year. 11:25 M., W., F. (Offered 1930-31). Miss Tanis.

13, 14. (B). Modern Poetry.

A critical and interpretative study of the poetry and of the modes of poetic expression of recent and current writers both in England and America. Some attention is given to voice and diction, and the general technique of reading aloud effectively. Three hours throughout the year. 11:25 M., W., F. (Omitted 1930-31). Miss Tanis.

15. The Literature of the Age of Milton.

A comprehensive study of the poetry and prose of Milton, together with a rapid reading of the more representative writings of his more noteworthy contemporaries. Three hours, first semester. 2:30 M., Th., F. (Omitted 1930-31). Mrs. Worth.

16. Eighteenth Century Prose.

A survey of the prose, exclusive of fiction, of the eighteenth century, with emphasis upon the writings of Swift,

Goldsmith, Burke, Samuel Johnson, and Boswell. Three hours, secend semester. 2:30 M., Th., F. (Omitted 1930-31). Mrs. Worth.

17. Eighteenth Century Poetry.

A study of the origin, development, vogue, and subsequent decline of neo-classical poetry by means of a critical examination of the principal poems of Cowley, Dryden, Pope, Goldsmith, Thomson, Collins, Gray, Cowper, Crabbe, Blake, and Burns. Three hours, first semester. (Offered 1930-31). Mr. Simpson.

18. Nineteenth Century Prose.

A study of the more significant prose works of Macaulay, Mill, Carlyle, Ruskin, Arnold, Newman, Pater, and Stevenson. Recommended for students whose expository writing is defective. Three hours, second semester. (Offered 1930-31). Mr. Simpson.

53, 54. Honors Course. Wordsworth and His Contemporaries.

Three hours, first semester. Mr. Simpson.

II. Rhetoric

1, 2. Freshman Composition.

During the first semester the primary effort of this course is to develop within the student a working knowledge of the fundamentals of composition; proper limitation of subject; procuring and organizing of material; accurate, forceful, interesting phrasing of ideas; mastery of the essential principles of punctuation. In the second semester the four forms of prose discourse are studied comprehensively, emphasis being given to the different types of exposition. Lectures, classroom discussion of specimens as models, weekly themes, personal conferences upon all written work. Three hours throughout the year. Five sections: three at 8:00 M., W., F.; and two at 11:25 M., W., F.

Mr. Mulder, Mrs. Worth, Miss Tanis.

3. News-Writing.

The function of the newspaper; a detailed analysis of what actually constitutes "news"; newspaper organization and routine; "make-up"; The Sunday Supplement; the community newspaper. Lectures, assigned readings, writing of news-stories, personal conferences upon written work. Three hours, first semester. 2:30 M., T., Th. (Omitted 1930-31).

Mr. Mulder.

4. The Editorial and Kindred Forms.

A study, theoretical and practical, of the editorial; the human interest story; the review; the critique; the magazine article; the column; the advertisement. Lectures, assigned readings, writing of special articles, personal conferences upon written work. Three hours, second semester. 2:30 M., T., Th. (Omitted 1930-31). Mr. Mulder.

5. Advanced Composition.

The principal objective of this course is to develop individuality of expression on the part of the student. With this end in view each student will be permitted and encouraged to follow his particular penchant in his written work. The familiar essay, the descriptive sketch, and kindred forms will be studied. Study of specimens, weekly themes, personal conferences, lectures, assigned readings. Three hours, first semester. 3:25 T., Th., F. (Offered 1930-31).

Mr. Mulder.

6. Narrative and Descriptive Writing.

An intensive study, analytical, interpretative, and creative, of the short-story and other simpler narrative forms, as well as of the descriptive sketch. Analytical study of masterpieces in these different forms, written assignments, lectures, conferences on themes. Three hours, second semester. 3:25 T., Th., F. Mr. Mulder.

9, 10. The Teaching of English.

(See Education 17, page 86).

A course designed to prepare students for the teaching of composition, oral and written, and of literature in the high school. One hour throughout the year. Hour to be arranged. (Omitted 1930-31).

Mr. Simpson.

III. Public Speaking.

1, 2. Elementary Public Speaking.

Systematic instruction, theoretical and practical, in methods of organization and in the delivery of speeches. One hour throughout the year in connection with Rhetoric 1, 2. Required of all Freshmen.

3, 4. Advanced Public Speaking.

Study of the principles, technical and psychological, of effective public speaking: Selection of subject; arrangement and phrasing of material; platform presentation. The different forms of oral address will be studied in considerable detail. Assigned reading, frequent speeches, personal conferences. Two hours throughout the year. 9:00 W., and S. Mr. Simpson.

6. Debating.

Students wishing to enter debating contests should elect this course, which may be repeated. The aim is to develop students interested in debate in ease and in freedom of expression, as well as in the power of analysis and of logical thinking. Those electing this course spend at least six hours a week in group and private conferences with the instructor. The maximum credit is two hours; the actual credit received by the individual student is wholly dependent upon the recommendation of the instructor, who estimates the student's work both quantitatively and qualitatively.

Mr. Goodsell, Mrs. Worth.

9, 10. Dramatics.

A comprehensive study of the principles of dramatic interpretation; voice, pantomime, staging, make-up. The class presents publicly at least one program of plays each semester. Not open to Freshmen. Three hours throughout the year. 2:30 M., T., Th. Miss Tanis.

12. Problems of Coaching.

A special course for those who plan to coach plays. Extensive reading of plays suitable for high school production; study of the problem of choosing a play, selecting a cast, and conducting a high school course in dramatics. Some attention is given also to the teaching of public speaking in secondary schools, and to the preparation of students for contests. Prerequisite, Public Speaking 9, 10. One hour, second semester. Hour arranged. Miss Tanis.

HISTORY

ASSISTANT PROFESSOR GOODSELL,
MR. DUNBAR

1. Modern European History.

This course covers the field of modern European history from the Renaissance to the Napoleonic empire. Four hours, first semester. Three sections: 9:00 M., T., Th., F.; 10:25 M., T., Th., S.; 2:30 M., T., Th., F.
Mr. Goodsell and Mr. Dunbar.

2. Modern European History.

A continuation of course 1, covering the period from the Congress of Vienna to the present time. Four hours, second semester. Three sections: 9:00 M., T., Th., F.; 10:25 M., T., Th., S.; 2:30 M., T., Th., F.
Mr. Goodsell and Mr. Dunbar.

Courses 1, 2 or 5, 6 are fundamental and are prerequisite for all subsequent work in the department. They should be taken consecutively, if possible, and in the freshman or sophomore year.

3. Hebrew History.

(See Biblical Literature and Religion 1, page 74).

4. History of New Testament Times.

(See Biblical Literature and Religion 2, page 74).

5. English History to 1688.

A study of the development of England's political, social and economic institutions to the end of the Stuart period. 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, dealing with the democratization of the English constitution, the industrial and agrarian revolutions, and the expansion of the British empire. Four hours, second semester. 1:30 M., T., Th., F.
Mr. Goodsell.

7. History of the United States from 1776 to 1865.

A course covering the development of American political, social, and economic institutions from the Revolution to the close of the Civil War. Three hours, first semester. 11:25 T., Th., S. (Omitted 1930-31). Mr. Dunbar.

8. History of the United States from 1865 to the present time.

A continuation of course 7. Three hours, second semester. 11:25 T., Th., S. (Omitted 1930-31). Mr. Dunbar.

9. American History Seminar.

Some period of American History is selected for critical and intensive study from the sources. The work culminates in a historical narrative. Prerequisite, History 7, 8, 19, or 20. Offered in alternate years. Two hours, first semester. (Omitted 1930-31). Mr. Dunbar.

10. European History Seminar.

Some period of modern European history is selected for critical and intensive study from the sources. The work culminates in a historical narrative. For advanced students. Two hours, second semester. (Omitted 1930-31). Hours arranged. Mr. Goodsell.

11. A Survey of Ancient History.

A study of the development and contributions of the oriental, Greek and Roman civilizations, with emphasis upon their political, social, economic, and intellectual and religious aspects. Three hours, first semester. 10:25 M., W., F. (Omitted 1930-31). Mr. Goodsell.

12. History of the Middle Ages from the Fall of the Roman Empire to the Renaissance.

Such subjects as the rise of the papal monarchy, the Germanic kingdoms, feudalism, and other important mediaeval, social, and industrial institutions are considered. For advanced students. Three hours, second semester. 10:25 M., W., F. (Omitted 1930-31). Mr. Goodsell.

13. History of the Reformation.

A study of the background, causes, progress and results of the Lutheran, Zwinglian, Calvanistic and Anglican revolts. For advanced students. Three hours, first semester. 10:25 M., W., F. (Offered 1930-31). Mr. Goodsell.

14. The World War.

A study of the causes, progress, settlement and subsequent problems of the great war. For advanced students. Open to Juniors and Seniors. Three hours, second semester. 10:25 M., W., F. (Offered 1930-31). Mr. Goodsell.

17. Introduction to Historical Method.

An introductory course dealing with methods of historical research, such as collection, classification and criticism of sources, establishment of the facts, synthesis, and exposition.

These methods are worked out in connection with a concrete problem, and the results embodied in a semester paper. For advanced students. Required of all history majors. Two hours, first semester. (Omitted 1930-31). Mr. Goodsell.

18. The Teaching of History and the other Social Sciences in the High School.

(See Education 18, page 86).

Methods and procedure suitable to the teaching of history and the other social sciences in secondary schools are considered, with especial emphasis on the project, problem, and topical methods. For advanced students. Two hours, second semester. Offered in alternate years. (Omitted 1930-31). Mr. Dunbar.

19. History of Colonial America.

A study of the discovery and colonization of the North American continent and the struggle between the various European powers for its possession, together with a discussion of Dutch, Spanish, French, and English Colonial institutions. Not open to Freshmen. No prerequisite. Three hours, first semester. 11:25 T., Th., S. Offered in alternate years. (Offered 1930-31). Mr. Dunbar.

20. The Westward Movement in American History.

This course deals with the expansion of the American people over the North American Continent and the results of that expansion on American life and institutions. Not open to Freshmen. No prerequisite. Three hours, second semester. 11:25 T., Th., S. Offered in alternate years. (Offered 1930-31). Mr. Dunbar.

21. American Historical Biography.

A study is made of the outstanding American historical biographies, emphasis being placed upon the significance of character in the historical development of America. Not open to Freshmen. Three hours, first semester. 1:30 M., Th., F. (Offered 1930-31). Mr. Dunbar.

22. Seminar in International Relations.

This course is conducted by professors in the social science group, and is open to those upper classmen who are especially interested in international problems and who, in the opinion of the professors in charge, are qualified to pursue independent study and research. The course consists of reports upon matters of current interest, book reviews and semester papers. Hours arranged. (See Political Science 22S, page 112).

51. Honors Course.

Individual study in a given field agreed upon in either European or American history. The amount of credit depends upon the work done.

Mr. Goodsell or Mr. Dunbar.

MATHEMATICS

ASSISTANT PROFESSOR WALTON

Courses 7-20 are arranged to meet the needs of each class and may be changed in order and subject matter from year to year. Two of these courses are offered each semester.

1, 2. Freshman Mathematics.

An introduction to the study of college mathematics, including college algebra, trigonometry, and analytic geometry, with special attention to the functional concept. This course prepares for more advanced courses in mathematics and for those professional and technical courses requiring one year of college mathematics. A continuous course for the year. Four hours each semester. Two sections. 9:00 M., T., Th., F.; 10:25 T., W., Th., S.

3, 4. The Differential and Integral Calculus.

Applications to geometry and to mechanics. Five hours each semester. Prerequisite, course 1, 2. 8:00 M., T., W., Th., F.

7, 8. Analytical Geometry.

An Advanced course. Two hours each semester. Prerequisite, course 4.

9. Algebra and Theory of Equations.

Two or three hours one semester. Prerequisite, course 4.

10 College Geometry.

Advanced Plane Geometry using Altshiller-Court's "College Geometry" as a textbook. Two hours. Prerequisite, Mathematics 1 and 2.

11, 12. Differential Equations.

Two hours each semester. Prerequisite, course 4.

13, 14. Theoretical Mechanics.

(Also credited as Physics 9). Two or three hours each semester. Students taking this course are advised to take course 3, 4 in the department of Physics. Prerequisite, course 4.

15, 16. Advanced Calculus.

This course includes a thorough review of elementary calculus together with some theorems from definite integrals, theory of limits, and theory of functions. A large number of problems will be used. Two hours, each semester. Prerequisite, course 4.

17. Elementary Mathematical Statistics.

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

18. Continuation of Mathematics 17.

With application of statistics in the fields of business and education. Three hours, second semester.

20. Mathematical Theory of Finance.

Among the subjects studied are compound interest, annuities, sinking funds, building and loan associations, and the valuation of bonds. Three hours, second semester. Prerequisite, course 1.

MODERN LANGUAGES

I. French

PROFESSOR BACON, MISS 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.; 1:30 M., T., Th., F.; 11:25 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. 10:25 T., Th., S. Mr. Bacon.

7. French Literature and Thought in the Eighteenth Century.

Reading of selected texts, lectures, reports of outside reading. Three hours, first semester. Prerequisite, course 6. 10:25 M., W., F. (Omitted 1930-31). Mr. Bacon.

8. The French Novel.

The origin and development of the novel in France is 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, second semester. Prerequisite, course 6. 10:25 M., W., F. (Omitted 1930-31). Mr. Bacon.

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.

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. Two hours, first semester. Hours arranged. (Omitted 1930-31). Mr. Bacon.

12. Problems of Teaching High School French.

(See Education 16, page 86).

Open only to Juniors and Seniors who have had course 9, 10, or equivalent, and who expect to teach. Two hours, second semester. 11:25 M., F. Mr. Bacon.

13. Classic French Drama.

A critical study of the work of Corneille, Racine, and Molière as the outgrowth and expression of the age in which

they lived. Three hours, first semester. Prerequisite course 6. 10:25 M., W., F. Mr. Bacon.

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, second semester. Prerequisite, course 6. 10:25 M., W., F. Mr. Bacon.

15. Practical Phonetics.

Especially intended for those who are preparing to teach. Two hours, one semester. 11:25 M., F. Mr. Bacon.

II. German.

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. 9:00 M., T., Th., F.; 130 M., T., Th., F. No credit toward graduation given for course 1, unless followed by course 2. Mr. Severn.

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. 2:30 M., T., Th., F. Mr. Severn.

5, 6. Modern Drama.

A study of representative plays by Kleist, Grillparzer, Hebbel, Sudermann, and Hauptmann. Lectures and outside reading. Reports in German and English. Three hours throughout the year. Prerequisite, German 4. 1:30 M., Th., F. 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. "Die Leiden des jungen Werthers," "Iphigenie," "Tasso," "Faust," and his poems are read. Three hours throughout the year. (Omitted 1930-31).

III. Spanish

PROFESSOR BAILEY

1, 2. Elementary Course.

Grammar, pronunciation, composition. Reading of simple prose and poetry, followed by a novel and selected periodicals. Four hours throughout the year. 9:00 M., T., Th., F. No credit toward graduation for course 1 unless followed by course 2.

3, 4. Intermediate Course.

Reading of standard Spanish fiction, drama and poetry. Dictation and composition. Study of Spanish civilization. Collateral reading. Reports on assigned topics. Four hours throughout the year. 10:25 T., W., Th., S. An extra hour is required of students in course 3 whose preparation is defective.

5, 6. Spanish Literature from 1700-1925.

Reading of standard authors, showing the literary movements of this period. Study of the structure of plot and style. Students interested in literature and writing should take this course. Prerequisite, course 4. Three hours throughout the year. 11:25 M., W., F. (Offered 1930-31).

7, 8. The Golden Age of Spanish Literature.

Study of principal authors of the period in the novel and drama. Investigation of the origin of Spanish literature; of variants in phrases and idioms; of plots and style. Papers on assigned topics. Three hours throughout the year. 11:25 T., Th., S. (Omitted 1930-31).

9, 10. Spanish Composition and Conversation.

For students in the Business Administration Course, and such Spanish students as have shown ability in writing and speaking Spanish. Study of business relations with Spanish-American countries. Writing of business documents. Prerequisite, Spanish 3, 4. Three hours throughout the year. 2:30 M., T., Th. (Omitted 1930-31).

PHILOSOPHY AND PSYCHOLOGY

PROFESSOR HEMMES

I. Philosophy.

The following courses are open to Juniors and Seniors only.

1. Introductory Philosophy.

The course deals with the problems of reflective thinking. Various kinds of knowledge are examined. The questions of the sources, extent and validity of knowledge are analyzed. The methods of thought used by the physical and social sciences are investigated. Three hours, first semester. 8:00 M., W., F.

2. Philosophy of Mind and Personality.

A study of the behavioristic, substance and actuality theories of mind, the mind-body problem, the unity of mental phenomena, the views of mental development as held by

Hegel, Comte, Spencer, Eucken, Spengler and others. Three hours, second semester. 8:00 M., W., F. (Offered 1929-30).

3. Philosophy of Art.

A comparative study of representative styles and movements in the field of the fine arts. Juniors and Seniors. Three hours, first semester. 10:25 T., Th., S. (Offered 1929-30).

4. Aesthetics.

An analysis of aesthetic experience from the psychological and philosophical viewpoint. The relation of art to morality, science, religion is dealt with. Aesthetic types are examined. Juniors and Seniors. Three hours, second semester. 10:25 T., Th., S. (Offered 1929-30).

6. The Making of the Modern Mind.

Deals with the philosophical, religious, moral, social, political, aesthetic, scientific forms of thought which ushered in the modern age. Three hours, first semester. 10:25 T., Th., S. (Omitted 1929-30).

5. Greek Thought.

A study of the development of philosophic, ethical, political, religious thought in Greece, with special emphasis on the views of Plato and Aristotle. Three hours, first semester. (Omitted 1929-30).

II. Psychology

1. General Psychology.

An introduction to the chief facts, principles and problems of normal adult psychology, through systematic study of a text, lectures, exercises and reading in special fields. Original responses and emotion, sensation and perception, habit and memory, imagination, reasoning and personality are the main topics. Not open to Freshmen. Three hours, first semester. Two sections, 9:00 M., T., Th., F.; 2:30 M., T., Th., F. Mr. Hemmes.

2. Educational Psychology.

This course gives a general survey of educational psychology. Among the topics considered are: native endowment; habit formation; economy and technique of learning. Applications are made to problems of teaching and learning. Not open to Freshmen. Three hours, second semester. Two sections, 9:00 M., T., Th., F.; 2:30 M., T., Th., F.
Mr. Hemmes.

3. Psychology of Childhood.

A scientific study is made of the psychology of the child—his mental processes, individual differences, native and acquired responses, evolution of his physical life. Three hours, first semester. 10:25 T., Th., S. Prerequisite, Psychology 1.
Miss Diebold.

4. Psychology of Adolescence.

Particular consideration is given to the characteristics of youth. A study is made of the development of individuality and personality, and the relation and application of the adolescent individual to the group. Three hours, second semester. 10:25 T., Th., S. Prerequisite, Psychology 1.
Miss Diebold.

5. Experimental Psychlogy.

An introduction to the experimental study of sensory perception and the learning process. Lectures, laboratory manual and notebook. One hour lecture, two hours laboratory. First semester. Two hours credit. (Omitted 1929-30).

6. Psychological Tests.

A study of the purpose, history, nature and uses of general intelligence tests constitutes the main part of the course. This is followed by a consideration of tests for various other psychological functions, and the application of tests to the problems of educational and vocational measurement, child guidance, delinquency, and personnel management. Numerous demonstration tests are given, as well as considerable practice in administering and scoring typical tests. Each student is expected to make special investigation during the semester. Tests and materials for testing. Three hours, first semester.
Mr. Harper.

7. Applied Psychology.

The applications of psychology to medicine, mental disorders, law, business, industry, politics are studied. Prerequisite, Psychology 1 and 2. Two hours, first semester. 10:25 W., F. (Offered 1929-30).
Mr. Hemmes.

8. Psychology of Character and Personality Types.

Some of the problems studied are: basic factors of character, conflict and character, values and character. Prerequisite, Psychology 1 and 2. Two hours, second semester. 10:25 W., F. (Offered 1929-30).
Mr. Hemmes.

PHYSICAL EDUCATION

ASSISTANT PROFESSOR CHESTER S. BARNARD
MISS QUIMBY

L. H. STEWART, M. D., MEDICAL EXAMINER FOR WOMEN

KENNETH L. CRAWFORD, M. D., MEDICAL EXAMINER FOR MEN

For Men

Every man entering the College is required to take a physical examination before the regular admission fees are paid. A chart of measurements is furnished which affords the student not only a comparison of his own measurements with those of the average student, but also gives him a knowledge of exercise to pursue in order to secure all around physical development.

Also as a result of this examination and subsequent arrangements, all Freshmen and Sophomores are classified in one of the following groups:

Group A. Students specializing in major or minor sports during their active practice period and transferred to the regular classes when these sports are out of season.

Group B. Students registered in the regular class sections.

Group C. Students registered for individual corrective work and doing prescribed exercises according to their particular needs.

Gymnasium Class Activities

A minimum of 2 periods per week is required of all Freshmen and Sophomores in the College. Classes begin the first week after registration in each semester and continue the full semester.

The following objectives are important in this work: good health, improvement in physical efficiency, harmonious development of the body, good posture, and the creation of a habit of exercise which will be continued in after life. For the sake of interest, the work is varied and consists of athletic exercises as well as the work in physical training.

Transfer to Athletic Squads

Students having the necessary ability and enthusiasm are encouraged to try out for major and minor sport teams during the active practice period. No man is transferred, however, unless his name appears on the regular squad list of the athletic coach in charge. On cessation of this activity, or if for any reason his name is dropped from the list, the student reports immediately to his regular class. These activities are as follows: football, basketball, baseball, track, cross country, and tennis.

Diversified Sports

Believing in diversification of sports and in as much outdoor exercise as possible, the department of Physical Education offers, in addition to the above, a more diversified

athletic program for those who desire it. This program is made possible by the added facilities of the new Arthur C. Tredway Gymnasium (See page 29) and by the courtesy of numerous local institutions which co-operate with the College by allowing the rental of their equipment. The following sports are offered (without extra charge except as noted below) and are accredited as meeting the requirements in physical education: swimming, bowling, tennis, boxing, wrestling, archery, handball, horseshoes, baseball, basketball and golf (the College pays one-half of the special student fee of $3.00 at the municipal golf links).

For Women

The work in physical education for women is intended to aid in the establishment of sound health habits, including that of regular physical exercise, and to develop a wholesome play spirit and high ideals of team work and co-operation. Required of all Freshmen and Sophomores.

Every woman entering the gymnasium classes is required to take a medical and physical examination given by the medical examiner for women. Special classes are held for those whose examinations show the need of special work.

All Sophomores are required to have regular gymnasium work three hours per week; all Freshmen, two hours gymnasium work and one hour hygiene.

This work is out-of-doors as much as possible in the spring and fall. The outdoor work consists of tennis, archery, golf and other games; the indoor, of exercises, marching, apparatus, dancing and games.

A system of points for hiking, athletics and other work outside of the classes offers awards to any women in college whether members of gymnasium classes or not. It is hoped thus to encourage Juniors and Seniors to continue the habit of regular exercise.

The regulation gymnasium costume must be ordered through the College.

The locker deposit fee is fifty cents and the towel fee fifty cents a semester.

PHYSICS

PROFESSOR HORNBECK

Courses 9 and 10 are required for a major. Pre-medical students and those who take physics merely in the interest of a liberal education may elect course 1, 2. Students planning to major in physics and all who expect to enter colleges of engineering should elect also course 3, 4. A few medical schools now require ten semester hours of college physics.

1, 2. General College Physics.

Demonstration lectures and recitations three times a week, and one three-hour laboratory period. First semester, mechanics and heat; second semester, magnetism, electricity, sound, and light. Prerequisite, Mathematics 1, 2, which may be taken at the same time by students who have had a year of high school physics. Also open to students who enter college with a year of high school physics and a course in trigonometry. Four hours throughout the year. 9:00 M., T., Th., Laboratory 1:30-3:30 Th.; 10:25-12:20 F.; 8:00-10:00 S.

3, 4. Problem Course.

This course is designed to accompany course 1, 2, but it may be taken later. One hour throughout the year. 9:00 F.

5. Light.

Primarily an advanced course in physical optics, with the emphasis on the theory of reflection, refraction, interference, polarization, and spectrum analysis. Prerequisite, course 1, 2. Three hours, first semester. 8:00 M., W., F. (Offered 1930-31 and alternate years).

6. Advanced Physical Measurements.

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. Second semester. Hours arranged.

7. 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. 10:25 T., Th., S.

8. Electrical Measurements.

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.

9. Theoretical Mechanics.

(See Mathematics 13, 14, page 97).

A mathematical course including both statics and dynamics. Prerequisite, courses 1, 2; 3, 4; and mathematics 3, 4. Three hours, first semester. 8:00 M., W., F.

10. Electricity and Magnetism.

A mathematical course which takes up both direct and alternating current theory. It includes the theory of vacuum tube generators and other high-frequency phenomena. Prerequisite, courses 1, 2; 3, 4; and Mathematics 3, 4. Three hours, second semester. 8:00 M., W., F. (Offered 1930-31 and alternate years).

11, 12. Seminar.

Discussions and reports on articles in current research publications. Prerequisite, two years of physics and a year of calculus. One hour.

13. Special Problems.

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

20. Astronomy.

The development of astronomy in recent years has been extremely rapid, due largely to our extended knowledge of physics and chemistry. This course includes a study of some of the most recent contributions. It is intended to be a cultural course and the aesthetic aspects, as well as the practical, are emphasized. Mere technicalities are not stressed and difficult mathematical discussions are avoided. Not open to Freshmen. Three hours, second semester. 10:25 T., Th., S.

POLITICAL SCIENCE

PROFESSOR CORNELL

Courses 3, 4, and 8 are open to Sophomores and upper classmen. The other courses are open to Juniors and Seniors only.

2. Administrative Tribunals.

This study is concerned with the several phases of public administration. It applies the principles of business methods to the field where public law is constantly increasing, both in its scope and its function. Three hours, second semester. 8:00 M., W., F. (Offered 1930-31).

3. Comparative Constitutional Government.

Comparative study of American state and federal constitutions and the new constitutions of Europe, based upon documents and reported cases. Three hours, first semester. 8:00 M., W., F.

4. Municipal Government and Administration.

A study of modern city governments; the various forms and functions of city legislative and administrative bodies. The latter part of the course gives special attention to municipal administration. Three hours, second semester. 8:00 M., W., F. (Offered 1931-32).

5. Constitutional Law.

A study of the American and federal state constitutions based upon reported cases. Three hours, first semester. 8:00 T., Th., S. (Offered 1930-31).

6. International Law.

The sources, sanction and scope of the law of nations. Its present content and its future as a basis for the administration of international justice. Three hours, second semester. 8:00 T., Th., S. (Offered 1930-31).

7. Introduction to Political and Legal Theory.

Selected problems within the fields of the origin, nature, and function of the state and of law. Two hours, first semester. 11:25 T., Th.

9. Principles of Legislation.

A section from the field of constitutional law dealing with legislative power. The application of that power in the particular fields of social control, usually spoken of as social and economic problems, is stressed. The legislative function of courts and administrative tribunals is considered in addition to the work of legislative assemblies. Three hours, first semester. 11:25 T., Th., S. (Offered 1931-32).

10. Judicial Administration.

The organization, jurisdiction, procedure and specialization of our courts. The judicial function of administrative tribunals. Three hours, second semester. 8:00 T., Th., S. (Offered 1931-32).

12. Public Regulation of Commercial Relations.

A study of contracts, combinations and conspiracies in restraint of trade and competitive practices at common law and under the Anti-Trust acts. Three hours, second semester. 11:25 M., W., F. (Offered 1930-31).

13. Public Regulation—Business Organization.

The regulation of private corporations, and public utilities. Three hours, first semester. 11:25 M., W., F. (Offered 1931-32).

14. Industrial Relations.

The social control of the relations between employer and employee. Three hours, second semester. 11:25 M., W., F. (Offered 1931-32).

17. Social Legislation.

Selected problems from the fields of crime, torts, and domestic relations. The relation of parent and child, guardian and ward, husband and wife. The problems arising in connection with control of anti-social conduct through remedies given to the injured party, preventative measures through the juvenile court, and prosecutions by the state. Three hours, first semester. 8:00 T., Th., S. (Offered 1931-32).

21S. Seminar in Industrial Relations.

22S. Seminar in International Relations.

(These seminars are offered in co-operation with other social science departments. Detailed notice at time for elections).

28E. Public Finance.

(See Economics 28, page 83).

SOCIOLOGY

PROFESSOR HARPER

Sequences in sociology are arranged to meet the needs of two classes of students. Those wishing to take only a small amount of work in this department may elect 1, and follow it with 2 or 5. Those who desire a major or minor must take 1 and 2 before being admitted to the more advanced courses. A student majoring in sociology should elect 1 and 2 during his sophomore year, 11 and 12 (5 may also be taken) during the junior year, and 21, 22, or 24 in his senior year.

A. Survey Courses

1. Social Behavior: Introduction to Sociology.

An inductive study of social organization, forces and processes based upon both original and published material and involving a small amount of field observation. Open to Sophomores and Juniors. Three hours, first semester; repeated second semester. First semester, 8:00 T., Th., S. Second semester, 11:25 M., W., F.

2. Social Psychology.

A more intensive study of the field covered in Sociology 1, including personality and collective behavior. Prerequisite, Sociology 1. Psychology 1 advised. Three hours, second semester. 8:00 T., Th., S.

5. Social Pathology.

A general study of social disorganization and personal demoralization as illustrated in such problems as: widowhood; divorce; desertion; neglected, dependent and problem children; illegitimacy; prostitution; homelessness; old age; poverty; unemployment; child labor; broken health; nervous and mental diseases; alcoholism, feeblemindedness and the like. Field trips. Prerequisite, Sociology 1. Three hours, first semester, 1930-31. 1:30 T., Th., F.

6. Current Problems.

A study of social problems as reflected in current literature based largely on the "Survey." Prerequisite, Sociology 1, and 2 or 5. Three hours, second semester. 1:30 T., Th., F. (Omitted 1930-31).

B. Advanced Courses

11. History of the Family.

A brief survey of the principles of the modern family is followed by a detailed study of the origin and history of marriage and the family. Twenty-seven hours of practice field work under direction of the local family welfare agency. Prerequisite, Sociology 1 and 2. Three hours, first semester, each year. 9:00 T., Th., F.

12. Problems of the Modern Family.

A study of family interaction in both its normal and subnormal aspects. Twenty-seven hours of practice field work with family agency. Prerequisite, Sociology 1, 2 and 11. Three hours, second semester each year. 9:00 T., Th., F.

13. Immigration.

Prerequisite, Sociology 1 and 2. Two hours, first semester. (Omitted 1929-30).

14. Sociology and Education.

An introduction to the study of the sociology of educational processes and institutions. Prerequisite, Sociology 1 and 2. Three hours, second semester. (Omitted 1930-31).

16. Social Teachings of the Prophets and Jesus.

(See Biblical Literature and Religion 8, page 75. Credited as sociology if preceded by Sociology 1 and 2).

C. Pre-professional Social Work Courses

21. Introduction to Social Work.

A general survey of the main fields of modern social work, including case, group, and institutional work, and the organization and promotion of social agencies. Fifty-four hours of field work under direction of appropriate local agencies including the Family Society, Probation Officer, Visiting Teacher department of the schools, the Social Service department of the State Hospital and similar agencies. Prerequisite, Sociology 1 and 2, and 5 or 12. Three hours. (One to two additional hours may be earned by extra field work). 8:00 M., W., F. (Offered second semester, 1929-30; first semester, 1930-31).

22. Crime.

An analysis of delinquent and criminal behavior and of the methods of treatment employed. Class conducted as a clinic. Twenty-seven hours of field work under direction of local correctional agencies. Prerequisites, Sociology 12 or 21. Three hours. 8:00 M., W., F. (Offered first semester, 1929-30; second semester, 1930-31).

24. Child Behavior and Guidance.

A case-study course of the problem child. Class organized as a clinic. Twenty-seven hours of field work under local agencies dealing with children. Prerequisite, Sociology 12. Psychology 1 advised. Three hours, second semester. 8:00 M., W., F. (Offered 1930-31).

D. Seminars, Honors and Graduate Courses

31. Methods of Social Investigation.

Prerequisite, nine hours of sociology including Sociology 2. Two hours, first semester. (Omitted 1929-30 and 1930-31).

39. Seminar in International Relations.

Given in collaboration with the other social science departments.

See announcement at time of elections. Prerequisite for credit in sociology: Sociology 1 and 2, and 1 other course, as well as membership in the scholars group.

E. Supervised Field Work

One or two hours of credit may be earned for field work done during the summer months under the direction of an approved social agency.

Tabulation of Courses[3]—First Semester, 1929-30

SUBJECT	No. 1-hour courses	No. 2-hour courses	No. 3-hour courses	No. 4-hour courses	No. 5-hour courses	Total No. courses	Teaching hours[1]	Teachers[2]	Students	Student credit hours
Biblical Literature	..	..	1	1	..	2	7	.5	7	30
Biology	1	2	1	3	..	7	27	1.7	157	462
Chemistry	..	..	2	3	..	5	33	2	138	556
Economics	..	1	6	1	..	8	24	2	193	612
Education and Psychology	..	2	4	1	..	7	26	2	148	431
English Literature	..	..	4	..	..	4	18	1.4	108	324
French	..	1	2	2	..	5	28	1.8	136	485
German	..	..	1	2	..	3	20	1.2	112	444
Greek	..	..	..	2	..	2	7	.5	8	32
History	..	1	3	1	..	5	23	1.7	179	533
Latin	..	..	..	1	..	1	4	.3	8	32
Mathematics	..	1	1	1	1	4	18	1	107	412
Philosophy	..	..	2	..	..	2	6	.4	44	132
Physics	1	1	1	1	..	4	15	1	85	230
Political Science	..	..	4	..	..	4	12	1	56	168
Public Speaking	..	1	1	..	..	2	7	.5	42	105
Rhetoric	1	..	3	..	..	4	39	2.3	201	591
Sociology	..	..	3	..	..	3	9	.7	55	165
Spanish	..	..	1	2	..	3	11	.7	90	346
Totals	3	10	40	21	1	75	334	22.7	1874	6090

1. Figures in this column include class work, laboratory work, and conference hours; two laboratory hours are counted as equivalent to one class hour.
2. Figures in this column represent the actual teaching time of members of the Faculty in the department indicated.
3. Honors Courses are not included in this table.

Tabulation of Courses[3]—Second Semester, 1929-30

SUBJECT	No. 1-hour courses	No. 2-hour courses	No. 3-hour courses	No. 4-hour courses	No. 5-hour courses	Total No. courses	Teaching hours[1]	Teachers[2]	Students	Student credit hours
Biblical Literature	..	..	2	1	..	3	10	.5	15	52
Biology	1	2	1	2	..	6	23	1.7	130	448
Chemistry	1	1	4	3	..	9	33	2	155	550
Economics	..	..	6	1	..	7	29	2	192	621
Education and Psychology	..	2	3	1	..	6	23	1.7	127	315
English Literature	..	..	4	..	..	4	15	1.2	109	327
French	..	1	2	2	..	5	28	1.8	121	453
German	..	..	1	2	..	3	20	1.2	91	350
Greek	..	..	1	1	..	2	7	.5	7	24
History	..	1	3	1	..	5	23	1.5	190	680
Latin	..	..	..	1	..	1	4	.3	9	36
Mathematics	..	1	..	1	1	3	15	1	70	276
Philosophy	..	..	2	..	..	2	6	.4	40	120
Physics	1	1	1	1	..	4	16	1	128	254
Political Science	..	1	3	..	..	4	11	1	90	250
Public Speaking	1	2	1	..	..	4	10	.7	55	118
Rhetoric	1	..	4	..	..	5	42	2.5	166	527
Sociology	..	..	4	..	..	4	12	1	45	135
Spanish	..	..	1	2	..	3	11	.7	74	283
Totals	5	12	43	19	1	80	338	22.7	1814	5819

1. Figures in this column include class work, laboratory work, and conference hours; two laboratory hours are counted as equivalent to one class hour.
2. Figures in this column represent the actual teaching time of members of the Faculty in the department indicated.
3. Honors Courses are not included in this table.

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 years' 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 to 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.

COURSE LEADING TO BUSINESS

First Year

First Semester	Hours	Second Semester	Hours
History 1	4	History 2	4
Rhetoric 1	3	Rhetoric 2	3
Foreign Language	4	Foreign Language	4
Laboratory Science	4	Laboratory Science	4
	15		15

Second Year

Economics 1	3	Economics 4	3
Foreign Language	4	Foreign Language	4
Political Science 3	3	Political Science 12	3
Sophomore Electives	6 to 7	Sophomore Electives	6 to 7
	16 to 17		16 to 17

Third Year

*Economics 2	3	*Economics 3	3
*Economics 5	3	*Economics 6	3
*Economics 16	3	*Economics 17	3
General Psychology	4	Political Science 6	3
Elective	6	Elective	6
	16		15

Fourth Year

†Economics 23	3	†Economics 14	3
†Economics 29	3	†Economics 30	3
†Economics 15	3	†Economics 18	3
†Economics 27	3	†Economics 28	3
Journalism	3	Sociology 1	3
Elective	6	Journalism	3
		Elective	3
	15		15

* Two of the three.
† Two of the four.

COURSE IN PREPARATION FOR CONSULAR OR DIPLOMATIC SERVICE

First Year

First Semester	Hours	Second Semester	Hours
Mathematics 1	4	Mathematics 2	4
Rhetoric 1	3	Rhetoric 2	3
Foreign Language (Preferably French)	4	Foreign Language	4
History 1 or Science	4	History 2 or Science	4
	15		15

Second Year

Science or History 1	4	Science or History 2	4
Economics 1	3	Economics 4	3
Psychology 1	3	Sociology 1	3
Foreign Language	4	Foreign Language	4
Rhetoric 3 or Public Speaking 3	3	Rhetoric 4 or Public Speaking 4	3
	17		17

Third Year

German 1 or Spanish 1	4	German 2 or Spanish 2	4
Economics 5	3	Economics 6	3
History 7	3	History 8	3
Political Science 3	3	Political Science 2	3
Economics	3	Economics	3
	16		16

Fourth Year

German or Spanish	4	German or Spanish	4
Economics 2	3	Economics 28	3
Political Science	3	Political Science	3
Elective	5	Elective	5
	15		15

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 intends 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 and 2, Chemistry 1 and 2, a modern language. Freshmen who have had a year of high school physics should elect Physics 1-2 and 3-4 instead of chemistry.

Sophomore Year.

Physics; Mathematics 3 and 4; a course in sociology, political science, or economics (see requirements for graduation, p. 70); 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 recommended.

Senior Year.

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

COURSE LEADING TO JOURNALISM

First Year

First Semester	Hours	Second Semester	Hours
Rhetoric 1	3	Rhetoric 2	3
Foreign Language	4	Foreign Language	4
Science	4	Science	4
History 1	4	History 2	4
	15		15

Second Year

Literature 1	3	Literature 2	3
Foreign Language	3 to 4	Foreign Language	3 to 4
Economics 1	3	Economics 4	3
Biblical Literature 1	4	Rhetoric 4	3
Rhetoric 3	3	Biblical Literature 2	4
	16 to 17		16 to 17

Third Year

Literature	3	Rhetoric 6	3
Rhetoric 5	3	Literature	3
Psychology 1	3	Psychology	3
Elective	6 to 8	Elective	6 to 8
	15 to 17		15 to 17

Fourth Year

Literature	3	Literature	3
Elective	12 to 13	Elective	12 to 13
	15 to 16		15 to 16

Electives recommended: sociology, economics, biology, history, literature, psychology, biblical literature, etc.

Courses leading to a major in journalism: Rhetoric 2, 3, 4, 5, 6, and 6 hours elected after consultation with adviser.

COURSE FOR STUDENTS PREPARING FOR LAW SCHOOLS

The following program is merely suggestive. It covers: (1) a minor in the physical science group (which could be any physical science or Mathematics); (2) a minor in social science (which could be in history or economics instead of sociology); (3) a major in political science.

First Year

First Semester	Hours	Second Semester	Hours
Rhetoric 1	3	Rhetoric 2	3
Mathematics 1	4	Mathematics 2	4
Foreign Language	4	Foreign Language	4
History	4	History	4
	15		15

Second Year

Public Speaking 3	2	Public Speaking 4	2
Foreign Language	3 to 4	Foreign Language	3 to 4
Psychology 1	4	Political Science 2 and 4.	6
Political Science 3	3	Economics 18	3
Mathematics 17	3		
	15 to 16		14 to 15

Third Year

Economics 1	3	Economics 4	3
Sociology 1	3	Sociology 2	3
Political Science	3	Political Science 6 and 8.	5
Philosophy 1	3	Philosophy 2 or 6.	3
Elective	3	Elective	3
	15		17

Fourth Year

Sociology 11	3	Sociology 14	3
Political Science 9 & 14	6	Political Science 10 & 14	6
Elective	6	Elective	6
	15		15

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 physics, chemistry, biology and languages are required by all schools, but there are some differences in the amount and character of the work. The student should, as soon as possible, decide which school he desires to enter and plan his college course accordingly.

The major work of students preparing for medicine is preferably taken in biology or chemistry.

First Year.

Chemistry, rhetoric and a foreign language. If trigonometry has not been taken in high school, it should come now. In the second semester biology or some elective may follow mathematics.

Second Year.

Two laboratory sciences; the foreign language should be continued, preferably German; history or sociology.

Third and Fourth Years.

Sciences should be continued. Electives will 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 70).

COURSE RECOMMENDED TO STUDENTS PREPARING FOR THE CHRISTIAN MINISTRY

First Year

First Semester	Hours	Second Semester	Hours
Rhetoric 1	3	Rhetoric 2	3
Greek 1	4	Greek 2	4
History 1	4	History 2	4
Biology 1 or 3	4	Biology 2 or 4	4
	15		15

Second Year

English Literature 1	3	English Literature 2	3
Greek 3	3	Greek 4	3
Economics 1	3	Economics 4	3
German 1	4	German 2	4
Biblical Literature	3 or 4	Biblical Literature	3 or 4
	16 or 17		16 or 17

Third Year

Psychology 1	3	Psychology	3
Philosophy	3	Philosophy	3
Sociology 1	3	Sociology	3
German 3	4	German 4	4
Elective	2 or 3	Elective	2 or 3
	15 or 16		15 or 16

Fourth Year

Philosophy	3	Sociology	3
English Literature	3	English Literature	3
Elective	9 to 11	Elective	9 to 11
	15 to 17		15 to 17

Electives should be chosen from education, social psychology, English literature, history, New Testament Greek, and philosophy, including its history, problems, ethics and basis of theism.

COURSE IN PREPARATION FOR SOCIAL WORK

First Year

First Semester	Hours	Second Semester	Hours
Rhetoric 1	3	Rhetoric 2	3
Foreign Language (French or German)	4	Foreign Language (French or German)	4
Biology 3	4	Biology 4	4
Mathematics 1	4	Mathematics 2	4
	15		15

Second Year

Psychology 1	3	Psychology 8	2
Sociology 1	3	Sociology 2	3
History 1	4	History 2	4
Biology 9	2	Political Science 10	3
English Literature 1	3	English Literature 2	3
	15		15

Third Year

Economics 1	3	Economics 4	3
Psychology 6	3	Psychology 7	2
Psychology 5	2	Sociology 12	3
Sociology 11	3	Political Science 14	3
Sociology 5	3	Biology 8	2
History 5 (or elective)	3	Elective	3
	17		16

Fourth Year

Political Science 17	3	Sociology 24 or 22	3
Economics 14	3	Philosophy	3
Sociology 21	3	Political Science 4	3
Political Science 9	3	Elective	6
Elective	5		
	17		15

Social work has now come to be a standardized and professional occupation and is one of the most important fields for the application of psychology and the social sciences. Educational standards for professional social work now generally include: (1) an undergraduate course involving pre-professional training, and (2) at least one year of technical education. The course outlined above is suggested as meeting the first of these requirements. Students may enter the field immediately upon graduation, but it is strongly recommended that an additional year be spent in a graduate school of social work.

The outline suggested above satisfies the general college requirements for a major in sociology and a minor in psychology.

DEGREES, HONORS AND PRIZES

DEGREES CONFERRED

JUNE 17, 1929

Doctor of Science

George Earnest Merrill.....New York, N. Y.

Bachelor of Arts

Hazel Glenare Allabach.....Kalamazoo
Helen Winifred Appeldoorn.....Kalamazoo
*Bryce Albert Becker.....Kalamazoo
*Charles Dickens Bock—Magna Cum Laude....Kalamazoo
Wallace Borgman .....Kalamazoo
*Justin Jean Brocato .....Kalamazoo
Virginia Burke .....Kalamazoo
Blanche E. Cameron .....Niles
Winifred Belle Clark .....Kalamazoo
Grace Evelyn Clute .....Marshall
*Shirley Neolia Cuthbert.....Kalamazoo
Benjamin Joseph Desenberg.....Lawton
Elmer John Dorstewitz.....Paw Paw
William Sherman Downey.....Kalamazoo
Dora Drysdale Eldred.....Climax
Gordon Eldred .....Climax
*James Elliott Finlay—Cum Laude.....Battle Creek
Elizabeth Brown Garrett.....Kalamazoo
Sivert N. Glarum.....Elberta
Robert Hewitt Greene.....Kalamazoo
*Bernice Lucille Harper.....Vicksburg
*Lois Stutzman Harvey.....Sturgis
Theodore Joseph Hipp.....Kalamazoo
*Harriet Elizabeth Hosking.....South Haven
Thomas Denton Howlett.....Gregory

James Huizinga .....Shanghai, China
Vernon Louis Johns.....St. Joseph
Anna Viola Johnson.....St. Joseph
Mensal Lee Johnson.....Pittsburgh, Pa.
Harold John King.....Sodus
Robert Shenstone Koehler.....Kalamazoo
Paul Koken .....Megalopolis, Greece
John Herman Kuitert.....Kalamazoo
Lena Burns Lawrence .....Kalamazoo
*Louis Levin—Cum Laude.....Bangor
Vance Loyer .....Belding
Ruth DeBow Miller .....Kalamazoo
*Elizabeth Moore—Cum Laude.....Kalamazoo
Andrew Ford Murch.....Mattawan
Esther Newton .....Kalamazoo
*Mildred Marian Philipp.....Kalamazoo
Frederick Wheaton Powell.....Niles
Janet Robertson .....Kalamazoo
*Genevieve Rood .....South Haven
Mary Louise Sales.....Kalamazoo
Edwin Schrier .....Kalamazoo
Phyllis Marie Simpson.....Lacota
*Kathleen Collins Smith.....Grand Rapids
Roscoe Franklin Snyder.....Kalamazoo
Elva Vaughn Stinson.....Cadillac
*Orlo F. Swoap—Cum Laude.....Covert
Edward Churchill Thomas.....Paw Paw
*Frank Earl Toonder.....Kalamazoo
Nelson John Wade.....Saugatuck
Dorothy B. Wesselius.....Grand Rapids
Ruth Westnedge .....Kalamazoo
Knox Worth Wicks.....Kalamazoo
Frances Eldred Willison.....Battle Creek
Eva Wilson .....Decatur
Elizabeth Ruth Wykkel.....Kalamazoo
Marion Jean Wykkel.....Kalamazoo

* Scholar.

HONORS

High Honors for the Year, 1928-29

Charlotte Adelaide Bacon
Fern Gwendolyn Ball
Charles Dickens Bock
Elmer John Dorstewitz
Ann Ess Dunning
Sivert N. Glarum
Hazel May Hinga
Rachel Louise Hoeksema
Rhoda Alice Hofstra
Ezra Brown Merrill
Elizabeth Moore
Stanley Aber Morse
Edith Pier
Muriel Marie Rix
Francis Rosenbaum
Edward Carleton Russey
Curtis William Sabrosky
Mary Elizabeth Smith
Katharine Louise Swift
Orlo F. Swoap
Doval Benjamin Williams

Honors for the Year, 1928-29

Willard Andrus
Helen Winifred Appeldoorn
Bryce Albert Becker
Mary Louise Betts
Justin Jean Brocato
Claus John Bushouse
Helen Martha Byarlay
Edith Hazel Chatterton
C. Louise Dilley
Byron Nichols Fenner
Helen A. Fenner
Barbara Margaret Fischer
Jean Marian Hane
Clara May Heiney
Harriet Elizabeth Hosking
Charles Kenneth Johnson
Edward Lauth
Louis Levin
Florence Irene Montgomery
Joe Eugene Mosier
Henry Edward Musselman
LeMoyne Ayling Newton
Mildred Marian Philipp
Dale Albert Porter
Katharine Emmett Pritchard
Charlotte Jane Rickman
Mary Elizabeth Schmidt
Paul Emanuel Wallendorf
Nelson John Wade

Honors for a Major, 1928-29

Charles Dickens Bock.....Physics, Mathematics
Dora Drysdale Eldred.....Biology
James Elliott Finlay.....Spanish
Sivert N. Glarum.....Chemistry

Bernice Lucille Harper.....Biology, Economics
Louis Levin.....Chemistry
Esther Newton.....Political Science
Mildred Marian Philipp.....Spanish
Orlo F. Swoap.....Chemistry
Frank Earl Toonder.....Chemistry

Special Honors in English

Harriet Elizabeth Hosking (Awarded as a result of Honors Courses).

PRIZES, 1928-29

The William G. Howard Prize in Economics—
Bernice Harper

The William G. Howard Prize in Political Science—
Esther Newton
Justin Brocato

The Sherwood Prize in Freshman Declamation—
Thomas Anthony
Ellen Pratt

The Cooper Prize in Oratory—
Thomas Pollard

The Jones Prize in Biology—
Botany—Curtis Sabrosky
Zoology—Donald Switzenberg

The LeGrand A. Copley Prize in French—
Fern Ball
Katharine Swift

The Stone Prize in Education—
Elizabeth Moore

The O. M. Allen Prize for Freshman Essay—
Hazel Hinga

The Hodge Prizes in Philosophy—
First—Thomas Howlett
Second—John Kuitert

The Folz Prize in Pre-Medical Science—
Louis Levin

The Todd Prize in Chemistry—
Darwin Mead
Francis Rosenbaum

The Todd Sociological Prize—
Elizabeth Moore

The Pinkham-Wright Debating Prize—
First—Charles Johnson
Second—Raymond Fox

The Farley Prize in English Literature—
Curtis Sabrosky
Elizabeth Smith

The Upjohn Prizes in Chemistry—
First—Sivert Glarum
Second—Frank Toonder

The Young Mathematical Prize—
Charles Bock

The Oakley Prize—
Charles Bock

The Women's Literary Societies Prize—
The Eurodelphian Society

The Charles Wesley Robison Prize in Spanish—
Delbert Whitmore

The Marjorie Buck Prize in Public Speaking—
Ann Ess Dunning

The Kalamazoo College Athletic Association Medal—
Mensal Lee Johnson

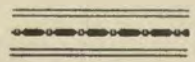
The Twentieth Century Club Prize—
Hazel Allabach

The George P. Wigginton Prizes in Accounting—
First—Elmer Dorstewitz
Second—Vernon Johns

The Frederick Freeman Triskett Prize in Sophomore Mathematics—
Elizabeth Smith
Stanley Morse

The Clark Benedict Williams Prize in Mathematics—
Charles Bock

The W. E. Upjohn Special Prize in Chemistry—
Sivert N. Glarum



STUDENTS OF THE COLLEGE

Classification is based on the standing January 1, 1930. The department in which major work is done is printed under each name. The number of semester hours' credit earned previous to February 15, 1930, appears after each name.

GRADUATE STUDENTS

Braddock, Jesse A., B. A. ..... Kalamazoo
Lawrence, Lena Burns, B. A. ..... Kalamazoo
Loebe, Stewart M., B. S. ..... Kalamazoo
McCarthy, Leonard, B. A. ..... Kalamazoo
Rankin, Donna Lucile, B. A. ..... Kalamazoo
Swoap, Orlo F., B. A. ..... Covert

SENIORS

Allen, Ray Truman Economics	106	Kalamazoo
Anderson, Robert Hart Economics	106	Kalamazoo
Ayling, Winnifred Jeanne Sociology	104	Kalamazoo
Bacon, Charlotte Adelaide (Scholar) English Literature	113	Kalamazoo
Bell, Robert Walton English Literature	100	South Haven
Bennett, Burney Benjamin English Literature	102	Kalamazoo
Black, Donald James Spanish	116	Kalamazoo
Bogart, Amos Greek	104	Kalamazoo
Boyles, Gerald D. Economics	105	Kalamazoo

Bradford, Martha Mae (Scholar) History	122	Sparta
Brandenburg, Anna Helena (Scholar) Mathematics	107	Kalamazoo
Brignall, Thomas Wells Mathematics	105	Kalamazoo
Brown, Ruth Adell Spanish	106	Kalamazoo
Bushouse, Claus John (Scholar) Chemistry	117	Kalamazoo
Clearwaters, Richard Volley English Literature	104	Kalamazoo
Cook, Lawrence Henry History	104	Three Rivers
Doster, Mildred E. (Scholar) Biology	109	Plainwell
Fenner, Helen A. (Scholar) English Literature	107	Martin
Gibson, Royal John Biblical Literature	99	Fond du Lac, Wis.
Hackney, Harold Colin Economics	108	Kalamazoo
Heiney, Clara May (Scholar) English Literature	107	Kalamazoo
Hempy, Aileen Esther Spanish	104	Kansas City, Mo.
Hill, Hubert Alden Economics	102	Kalamazoo
Johnson, Mary Josephine English Literature	106	Kalamazoo
Kerry, Harlan Valorus Political Science	116	Benton Harbor
Kling, Victor Frank Biology	106	Three Oaks
Larsen, Carl Donald (Scholar) Chemistry	104	Kalamazoo

Larsen, Marguerite Johanna Mathematics	103	Kalamazoo
Loop, Willard Kenneth Economics	107	Three Oaks
Loupee, George E. Chemistry	115	Dowagiac
McDonald, Joseph Lawrence Economics	104	Kalamazoo
Merrill, Ezra Brown (Scholar) Philosophy	120	St. Paul, Minn.
Metzger, Constance Roberta (Scholar) History	110	Kalamazoo
Montgomery, Florence Irene (Scholar) History	106	Kalamazoo
Otis, Howard Chris Political Science	111	Farmington
Palmer, Constance Marian (Scholar) Sociology	102	Kalamazoo
Phillips, Russell Edison Biology	103	Kalamazoo
Pollard, Thomas Edward Greek	103	Alma
Porter, Dale Albert Chemistry	107	Doster
Rankin, Alan Howard Economics	104	Kalamazoo
Rickman, Harriet Louise Mathematics	105	Kalamazoo
Rix, Muriel Marie (Scholar) Latin	106	Oshtemo
Ross, Mary Jane History	108	Kalamazoo
Russey, Edward Carleton (Scholar) Economics	114	Kalamazoo
Sagendorf, Kendall Weeks Economics	101	Greenville

Schmidt, Mary Elizabeth (Scholar) Biology	120	Three Oaks
Schrier, Clarence Marten Chemistry	105	Kalamazoo
Schuster, Florentin A. Economics	107	Shelby
Shields, Rose Mary English Literature	111	Kalamazoo
Stearns, William Hunter Chemistry	99	Kalamazoo
Thompson, Marian Glynne Sociology	100	Kalamazoo
Wagar, Carl William Chemistry	101	Kalamazoo
Wolff, Frederick James Economics	84	Kalamazoo

JUNIORS

Angel, Alex Steven Economics	76	Cleveland, O.
Appeldoorn, William Ryer Chemistry	74	Kalamazoo
Baker, Charles Abial Physics	74	St. Joseph
Ball, Fern Gwendolyn (Scholar) French	77	Kalamazoo
Barney, Esther Mildred Sociology	71	Kalamazoo
Bell, Clarence A. Chemistry	54	Kalamazoo
Birum, Elizabeth (Scholar) Sociology	64	Waukegan, Ill.
Borland, Sherwood J. Mathematics	77	Kalamazoo
Bradford, Gerald H. Chemistry	82	Kalamazoo
Bradford, Leonard Russell (Scholar) Physics	80	Kalamazoo

Caldwell, Wallace B. Economics	67	Kalamazoo
Chatterton, Edith Hazel (Scholar) Biology	82	Detroit
Dahn, Letitia Margaret English Literature	78	Kalamazoo
Davison, Marjorie Elizabeth (Scholar) Sociology	75	Milwaukee, Wis.
De Young, Martin Political Science	73	Kalamazoo
De Young, Winifred E. Mathematics	78	Kalamazoo
Dunning, Ann Ess (Scholar) English Literature	79	Kalamazoo
Every, Mildred Adell Sociology	79	Brooklyn
Fitch, Viola Ellen Sociology	79	Kalamazoo
Fitzjohn, Leonard Arthur English Literature	94	Belding
Fox, Thomas Allen Chemistry	77	Kalamazoo
Frost, Howard Alton (Scholar) Physics	72	Hastings
Gill, Gordon Charles Economics	74	Kalamazoo
Gordon, Margaret May English Literature	79	Fond du Lac, Wis.
Grandbois, Morlan J. Economics	80	Kalamazoo
Groetsema, Frederick Biology	72	Kalamazoo
Haack, Ivan Donald Economics	79	Birmingham
Heywood, Helen Louise Biology	70	New Buffalo

Hoeksema, Rachel Louise (Scholar) French	81	Kalamazoo
Hofstra, Rhoda Alice (Scholar) History	77	Cadillac
Hoover, Howard Charles English Literature	89	Dansville, N. Y.
Howlett, Blanche Eileen English Literature	75	Gregory
Hudson, Ruth Elizabeth Sociology	70	Niles
Imerman, Irvin Chemistry	75	Detroit
Jackson, Richard Gordon Economics	78	Detroit
King, Donald Joseph Political Science	97	Sodus
King, Ruth Edna English Literature	79	Sodus
Kniss, Victor D. Economics	74	Cadillac
Kurtz, James Franklin Chemistry	69	Chicago, Ill.
Lamb, Ray Glen Economics	90	Flint
Linderman, Helen Jeslan English Literature	76	Benton Harbor
Machin, Harold Albert Physics	76	Augusta
Mally, John Franklin Economics	92	Kalamazoo
Martin, Lloyd James Chemistry	68	Paw Paw
Masselink, Bruce Herschel Chemistry	89	Kalamazoo
Merson, Robert M. Economics	71	South Haven

Miles, Henry Marion Chemistry	57	Chicago, Ill.
Moore, Gordon Lynn Economics	76	Eau Claire
Morse, Stanley Aber (Scholar) Chemistry	80	St. Joseph
Muir, Donald Scott Chemistry	75	Kalamazoo
Murdoch, John Cameron Economics	72	Detroit
Paulson, Marjorie Olive French	69	Kalamazoo
Payne, Lodisca Abby (Scholar) English Literature	82	Kalamazoo
Pease, Willis D. Economics	78	Kalamazoo
Perry, Ford Brown Economics	71	White Pigeon
Persons, Max Irving Chemistry	73	Centreville
Pilaar, Donald Hubert History	74	Kalamazoo
Pritchard, Katharine Emmett (Scholar) Sociology	75	Hastings
Radde, Bernard Carl Chemistry	72	St. Joseph
Rankin, Evelyn Louise (Scholar) Latin	79	Kalamazoo
Read, Josephine Cornelia English Literature	83	Kalamazoo
Richardson, Grace Virginia English Literature	77	Chicago, Ill.
Richardson, Patricia Janet Sociology	69	Evart
Rupert, Sheldon Miller English Literature	73	Benton Harbor

Sabrosky, Curtis Williams (Scholar) Biology	83	Sturgis
Sergeant, Elizabeth Louise English Literature	71	Kalamazoo
Shaw, Charles Smith Economics	77	Detroit
Smith, Mary Elizabeth (Scholar) English Literature	84	Nashville
Smith, Myrn Ray Political Science	76	Belding
Sprague, Margaret Mary History	75	Kalamazoo
Stroud, John Renner Economics	77	Vicksburg
Supple, Elizabeth Spanish	75	Detroit
Swift, Katharine Louise (Scholar) English Literature	79	Comstock
Travis, George Huhn Psychology	68	Gobles
Van Blarcom, Helen Julia Sociology	75	Kalamazoo
VanderVeen, Angie Janet (Scholar) English Literature	74	Kalamazoo
Walker, Dolly Florence Sociology	83	Kalamazoo
Warner, Helen Louise (Scholar) English Literature	77	Kalamazoo
Whitmore, Delbert (Scholar) Physics	71	Hastings
Williams, Florence Loretta French	83	Manistique

SOPHOMORES

Alway, Glenn Edward	42	Kalamazoo
Balch, Lawrence Eugene	47	Follansbee, W. Va.

Baldwin, Frances Mayre	46	Onondaga
Bartholomew, Donald Duane	48	Lawton
Becht, Lawrence Robert	36	Kalamazoo
Bell, Mildred Lucille	45	Kalamazoo
Betts, Mary-Louise	46	Norwalk, O.
Beute, Madeline	46	Kalamazoo
Bond, Richard M.	42	Kalamazoo
Bowman, Robert Rowley	47	Kalamazoo
Breen, Delbert Clark	44	Kalamazoo
Brown, Wesley Henry	47	St. Joseph
Buck, Stanley M.	50	Three Rivers
Burnett, Harris Harold	66	Campbellsport, Wis.
Burrows, Willard Nuel	59	Detroit
Burt, Newell Douglas	46	Martin
Byarlay, Helen Martha	32	Kalamazoo
Carr, Everett Nelson	46	Battle Creek
Chapman, Raymond Earl	48	Kalamazoo
Clarage, Harry Lewis	47	Kalamazoo
Cooper, Burton Henry	63	Shelby
Council, Donald Edward	45	Kalamazoo
Crandell, Richard Bates	45	Battle Creek
Dahn, Johanna Mary	41	Kalamazoo
Davis, Harry Franklin	43	Muskegon
Deehr, Sterling	42	Detroit
Dilley, C. Louise	45	Lacota
Dull, Raymond B.	49	Kalamazoo
Dunn, Mary Elizabeth	46	Kingsley
Elliott, Alice M.	46	Kalamazoo
Fellows, Margaret Olive	38	St. Joseph
Fenner, Byron Nichols	46	Martin
Fischer, Barbara Margaret	45	Kalamazoo
Fox, Wineta Elizabeth	42	Three Oaks
Frame, William Malphus	44	Kalamazoo
Guldbrandsen, Tage	43	Kalamazoo
Hanks, Carlton Rex	41	Belding
Hayne, Don	47	Pocantico Hills, N. Y.

Heyl, Dorothy Hinckley	44	Kalamazoo
Hinga, Hazel May	46	Kalamazoo
Hurlbert, Scott Donald	44	Kalamazoo
Hyatt, Gordon E.	46	Three Rivers
Johnson, Charles Kenneth	47	Kalamazoo
Kirby, Anne Louise	46	Kalamazoo
Kirby, Eleanor Adelia	45	Kalamazoo
Knight, Addison Lowell	44	Detroit
Knight, George Lincoln	45	Pocantico Hills, N. Y.
Kuch, John Jacob	42	Peru, Ind.
Lauth, Edward	36	Allegan
Lawler, Margaret Eloise	47	Battle Creek
Lindenthal, George D.	37	Manistique
Loveland, John Ellis	43	Peru, Ind.
Loveless, Margaret Helen	30	Cadillac
MacKenzie, Margaret Louise	46	Kalamazoo
Matthews, Dorothy Scott	45	Chicago, Ill.
Mead, Darwin James	47	Dowagiac
Moss, Milton Lawrence	60	Mt. Clemens
Mowry, Harris Jenckes	41	Kalamazoo
Musselman, Henry Edward	32	Kalamazoo
Newton, LeMoyne Ayling	46	Kalamazoo
Nichols, Ann	37	Kalamazoo
Olmstead, Nina Belle	68	Kalamazoo
Palmer, Frank Lewis	54	Canton, O.
Palmer, Fred W.	43	Newberry
Pier, Edith	45	Kalamazoo
Pratt, Ellen	46	Kalamazoo
Pratt, Marie Elizabeth	36	Kalamazoo
Rapley, William B.	47	Kalamazoo
Remynse, Thelma Ann	44	Kalamazoo
Richmond, Vincent	46	Jones
Rickman, Charlotte Jane	47	Kalamazoo
Riley, Verne L.	64	Atlanta, Ill.
Robertson, Margaret	44	Kalamazoo
Rosenbaum, Francis	47	Kalamazoo

Sanford, Frances Inez	39	Climax
Schau, Maynard Erwin	46	Kalamazoo
Schau, Ralph Edwin	46	Kalamazoo
Schiefner, Robert	47	Lawrence
Shemiot, Anthony Robert	46	Dowagiac
Sklar, Jack	39	Detroit
Smith, Thornton Manvil	44	Kalamazoo
Snow, Helen J.	45	Kalamazoo
Starkweather, Paul Franklin	41	Kalamazoo
Stites, Frederick Lester	49	Kalamazoo
Stout, Esther Marian	46	Kalamazoo
Stuart, Louise Almena	35	Schoolcraft
Switzenberg, Donald Fredrick	47	Allegan
Thompson, Charlotte Lucy	59	Detroit
VanDerbeck, Fern H.	37	Niles
Veley, Virginia Ruth	57	Kalamazoo
Vermeulen, Geraldyne Janet	45	Kalamazoo
Williams, Doval Benjamin	46	Bluffton, Ind.
Young, Richard	42	Comstock
Zick, Lawrence Otto	39	St. Joseph
Zoogman, Morris William	58	Mt. Clemens

FRESHMEN

Agosto, Vicente Rodriguez	15	San Juan, Porto Rico
Aldrich, Robert Heabler	15	Milwaukee, Wis.
Anderson, Donald Throop	15	Kalamazoo
Anderson, Jane Ingrid	15	St. Joseph
*Anderson, Shirley-Anne		Kalamazoo
Arcand, Henry Sisson	8	Allegan
Archer, Elwood William	15	Three Rivers
Arnie, Clarence Jack	11	Lake Odessa
Askin, Donald Bruce	4	Otsego
Avner, Simeon Nevins	7	Warren, O.
Bailey, Mark, Jr.	13	Kalamazoo
Bailey, Ruth Marie	15	Kalamazoo

Baker, Burton Lowell	15	Bellaire
Banks, Ruth Marie	15	St. Joseph
Barr, Robert Mack	11	St. Joseph
Blagdon, Charles A.	11	Jackson
Bloom, Edna Carolyn	15	Bangor
Boelio, Robert Chester	11	Lansing
Boswell, Robert William Charles	8	Evansville, Ind.
Bradford, Robert Louis	15	Arlington, Mass.
Brezette, Warren Evans	15	Kalamazoo
*Broersma, H. Donald		Grand Rapids
Brown, Marian DeLeuw	15	Kalamazoo
Bullock, Eleanor May	15	Plainwell
Burgess, Robert Joseph	15	Kalamazoo
Bushouse, Isa Paul	15	Kalamazoo
Carney, Kenneth	11	Kalamazoo
Carter, Eileen	29	Kalamazoo
Christianson, Eva Christine	15	Manistee
Clarage, Mary Ellen	15	Kalamazoo
*Clark, Roberta Burton		Three Oaks
Comee, George Wilson	11	Lafayette, Ind.
Comings, Sherman	0	Galesburg
Coover, Helen Irene	15	Kalamazoo
Crawford, Wesley Nelson	12	Kalamazoo
Crofford, A. J.	15	Burr Oak
Crum, Leo Josephus	15	Kalamazoo
Curry, Donald Glenn	11	Kalamazoo
Davis, Betty Jane	12	Kalamazoo
Dayton, Daniel Denison	15	Kalamazoo
Dean, George	0	Paw Paw
DeLong, Alice Marian	15	La Moille, Ill.
DeLong, Cecil DuWayne	15	Three Rivers
DeLong, Robert Irving	8	La Moille, Ill.
*De Vries, Jacob Charles		Kalamazoo
Dillenback, Albert Ward	15	Lawrence
Dinsmore, William James	0	Indianapolis, Ind.

Dorstewitz, Victor William	13	Paw Paw
Ehrmann, Virginia Kress	0	Kalamazoo
Falk, Elmer Martin	4	Watervliet
*Ferrara, Vernon Peter		Providence, R. I.
Flanders, Waive Eassom	15	Kalamazoo
Forrest, Preston James	4	South Haven
Fox, Helen Margaret	4	Kalamazoo
Garrison, Harold Stuart	15	Kalamazoo
Gelow, Lavern Edward	15	Three Oaks
Gibson, Elizabeth Grace	11	Nashville
Gibson, Raymond	29	Detroit
Gilchrist, Arthur Delamore	15	Watervliet
Gilchrist, Roger LaVerne	0	Gobles
Gleason, Max Lee	15	Vicksburg
Gleason, Thomas Patrick	4	Kalamazoo
Gregg, Betty Jane	7	Kalamazoo
Haas, Richard B.	16	Vicksburg
Haas, Virginia Mary	12	Kalamazoo
Hachadorian, Michael	15	Detroit
Hathaway, Baxter Wevering	15	Kalamazoo
Heiden, Delbert John	12	Detroit
Heinlen, Bert DeVere	7	Benton Harbor
Herold, Bernard Arthur	16	South Bend, Ind.
Hoffman, Theresa Elaine	15	South Haven
Hopkins, Florencelene	12	Marcellus
Hopkins, Jean Marion	15	Kalamazoo
Horton, Horace	15	Watervliet
Hosking, James Wilcox	15	South Haven
Hotop, Fred James, Jr.	15	Kalamazoo
Howard, Gale Elmer	15	Sturgis
Howlett, Charlotte Arlene	15	Gregory
Howson, Harry Scott	21	Victoria, B. C.
Hudson, Winthrop Still	15	Washington, D. C.
Hunt, William Jennings	15	Kalamazoo
Hunter, Ardath Bernice	15	Kalamazoo

Hutchins, Norbert N.	15	Watervliet
Johnson, Dexter Wheaton	15	Chicago, Ill.
Johnson, Esther E.	12	Kalamazoo
Johnson, Francis Nevin	13	Vicksburg
Jones, Frederick Lawrence	15	Dahlgren, Va.
Kelley, Perry Giles	15	Detroit
Kemp, Zona Marie	15	Ishpeming
Klose, LeRoy	12	Kalamazoo
Kolloff, Harold Garrett	15	Kalamazoo
Kristelli, Julia Lucile	0	Flushing
*Kuilema, Louis Moyer		Kalamazoo
Lewis, Dorthy Grace	15	Iron Mountain
Long, John Albert	15	Coldwater
Lowry, Paul	30	Rockford, Ill.
Luder, Fay William	15	Kalamazoo
Luikens, Wanda Helene	15	Kalamazoo
McKean, Eugene Clifford	15	Watervliet
McKee, Prentiss Dix	15	Three Oaks
McLellan, Allan Burbank	29	Kalamazoo
McVicker, Lewis Eon	15	Chestnut, Ill.
Miller, Stewart Wilford	15	Allegan
Montague, Frank Wright	15	Comstock
Moore, Charles Henry	29	Kalamazoo
Moore, Mary Louise	15	South Haven
Morse, Helen Rose	17	St. Joseph
Moss, Urban Henry	14	Kalamazoo
Neher, Albert Moshier	12	Kalamazoo
Nemode, Lelah	11	Bay City
Niffenegger, Marjorie Lillian	15	South Haven
*Oberg, Luella Marjory		Chicago, Ill.
Odell, Leah Gayle	15	Kalamazoo
Parsons, Jonathan	15	Kalamazoo
Patch, Martha Janet	15	Marcellus
Percy, Richard N.	15	Kalamazoo
Perry, James Edwin	16	Newberry
Pettus, Raymond Renshaw	9	Kalamazoo
Pierce, Catherine Adelaide	15	Kalamazoo

Pomeroy, Mary Thackeray	15	Kalamazoo
Price, Blanche Frances	15	Fairfax
Price, Norma Maude	15	Watervliet
Pursel, Robert J.	13	Schoolcraft
Ramsdell, Leila Mabel	15	Kalamazoo
Ransom, John Edwin	15	Fort Myers, Fla.
Richmond, John Lemuel	15	Jones
Robson, Bernard Charles	15	Dansville, N.Y.
Rowan, William David	15	Paw Paw
Russell, John Lester	11	Watervliet
Sanford, Helen Eleanor	34	Climax
Schensul, Irving Leon	25	Kalamazoo
Schlobohm, Marian Charlotte	15	Kalamazoo
Scott, Frances Lorraine	0	Vicksburg
Scott, Walter Edwin	15	Milwaukee, Wis.
*Sebring, Glenna C.		Kalamazoo
Sergeant, Phyllis Jane	15	Kalamazoo
Shire, Robert Clark	7	Watervliet
Shirley, Russell Merideth	0	Galesburg
Sibbersen, Howard Milton	15	Doster
Simmons, Hugh Melville	9	Homer
Simmons, Maurice Bert	0	Oshtemo
Smith, Carney Charles	15	Hartford
Smith, Bertha Margaret	15	Kalamazoo
Snyder, Richard Vernon	15	Coldwater
Southworth, Helen L.	15	Galesburg
Southworth, Marion Lena	15	Schoolcraft
Spalding, Ruth	35	Royal Oak
Sprague, Madeline Louise	15	Kalamazoo
Stafford, Virginia Audrey	15	Kalamazoo
Starke, Nita Naomi	15	Niles
Stasikelis, Joseph Walter	23	Gary, Ind.
Steele, Virginia Alice	15	Sturgis
Sternfield, Victor Nathan	16	Kalamazoo
*Stewart, Mary Louise		Kalamazoo

Stowe, Stephen Conrad	15	Hartford
Survilla, Victor A.	12	Kalamazoo
Tabor, Margaret Jean	15	Marcellus
Tracy, Samuel Robert	15	Kalamazoo
Trim, Geraldine Winifred	15	Sturgis
Truckenmiller, Major C.	5	Mendon
Tyrrell, Theone Olga	15	Hartford
VanderVelde, Joan Lily	15	Royal Oak
Van Peenen, Edward	15	Kalamazoo
Van Tuyl, Bernadette Mary	15	Niles
VeenHuis, Edward John	15	Kalamazoo
Waldo, Charles Lewis	21	Kalamazoo
Walton, Margaret Eleanor	15	Sturgis
Warren, Ina Mary	15	Bancroft
Widmeyer, Trina Katharine	15	Watervliet
Wilber, Stanley Roy	16	Kalamazoo
Williams, Claude Avery	11	Kalamazoo
Williamson, Edwin Moore	15	Tecumseh
Wirick, Maxine Marie	15	Kalamazoo
Wright, Wilma Rosena	15	Kalamazoo
Young, Wesley Irving	15	Paw Paw

**Entered in February.*

UNCLASSIFIED STUDENTS

Calkins, James Sherman	15	Hopkins
Dorgan, Edward James	4	Kalamazoo
Hargie, Kenneth Stuart	4	Kalamazoo
Hsu, Thomas	0	Hunan, China
Murray, Harold Elmer	5	Kalamazoo
Nichols, Louis B.	56	Schoolcraft
Nichols, Robert F.	38	Schoolcraft
Rouch, Frank Roland	54	Joliet, Ill.
Soo, Cheng Yun	58	Mukden, China
Venema, Charles Jelle	15	Otsego

SUMMARY

	Men	Women	Total
Graduates	4	2	6
Seniors	33	20	53
Juniors	45	35	80
Sophomores	58	37	95
Freshmen	109	66	175
Unclassified	10	0	10
	259	160	419

GEOGRAPHICAL SUMMARY

Michigan	372
Illinois	13
Indiana	8
Wisconsin	6
New York	4
Ohio	4
China	2
Canada	1
Florida	1
Massachusetts	1
Minnesota	1
Missouri	1
Porto Rico	1
Rhode Island	1
Virginia	1
Washington, D. C.	1
West Virginia	1
	419

ALUMNI ASSOCIATIONS

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West Main and Kendall, Kalamazoo

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CLAUDE W. OAKLEY, '95 — Kalamazoo
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Vice-President

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FORD M. PETTIT, '10

LEGAL FORM FOR 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.

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For information concerning Kalamazoo College address

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

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