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KALAMAZOO COLLEGE BULLETIN

CATALOGUE ISSUE
1955-56

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KALAMAZOO COLLEGE BULLETIN

CATALOGUE ISSUE

REGISTER, 1954-55

ANNOUNCEMENTS, 1955-56

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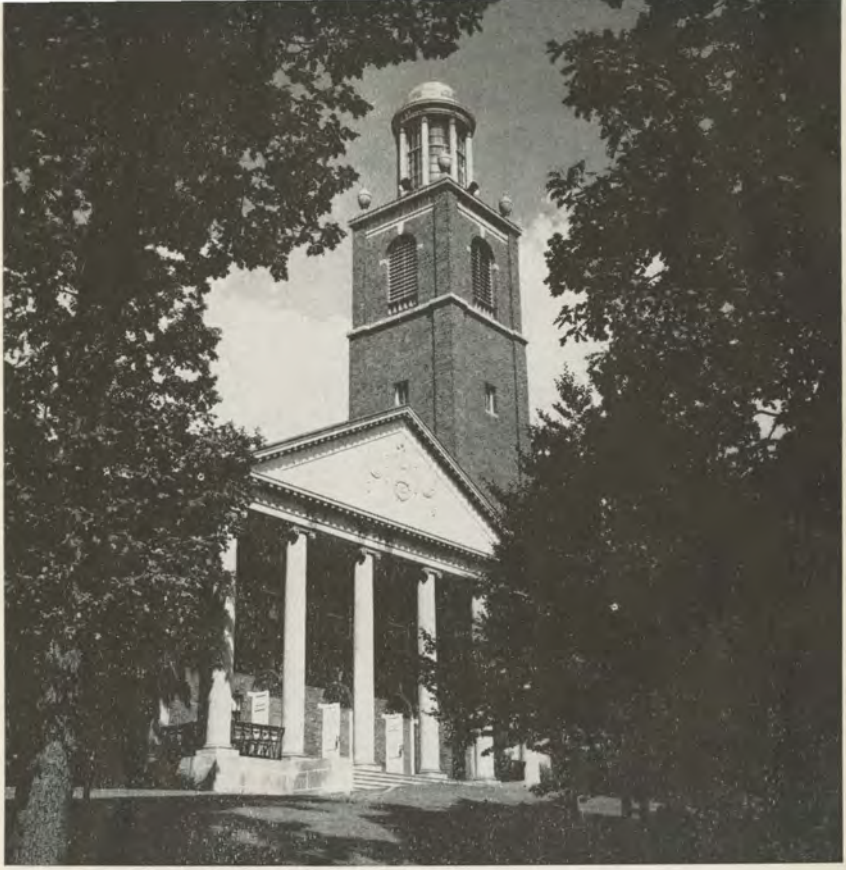
KALAMAZOO COLLEGE is a church-related, liberal arts college offering courses of study for the degree of Bachelor of Arts. It seeks to train young men and women in a Christian environment for constructive participation in society and to orient them in the values of contemporary culture. Instruction in the humanities, the natural sciences, and the social sciences is offered; extracurricular activity in athletics, forensics, dramatics, and music is encouraged; and there are unusual opportunities for relating the work of the classroom to applied situations in the local community. Kalamazoo College gives pre-professional training in medicine, law, engineering, social work, and religion, and preparation for graduate study in other fields.

KALAMAZOO COLLEGE is situated in Kalamazoo, Michigan, in a section of the state known for the natural beauty of its numerous inland lakes and rolling wooded areas. The city of Kalamazoo lies midway between Chicago and Detroit on the main line of the New York Central Railroad. The metropolitan area numbers 100,000 inhabitants.

The proximity of Kalamazoo College to the cultural and community resources of the city encourages the student to participate in a wide selection of activities. Kalamazoo provides exceptional cultural opportunities such as a fine Symphony Orchestra, an excellent Civic Theater, Art Institute and Museum, and community concert and lecture series. Unusual opportunities for the practical application of course material include the association with the Upjohn Company in the training of chemists, the relationship between the Department of Political Science and the city's Bureau of Municipal Research for study in civil government, the resources of the public schools for directed teaching by Kalamazoo College students, and the long-standing working arrangement with the social agencies of the city.

THE COLLEGE CAMPUS of over 47 acres is located between Academy and Lovell Streets in the west residential section of Kalamazoo, within walking distance of the central retail district. The main campus is set on an oak-covered hillside, at the crest of which stands Stetson Chapel, symbolic of the ideal of Christian higher education.



STETSON CHAPEL made possible by the gifts of alumni and friends as a tribute to the late Dr. Herbert Lee Stetson, for many years president of the College, was dedicated on April 22, 1932. The Chapel seats 750 people and is a significant setting for chapel services, formal recitals, and sacred concerts.

The Hoben Memorial Organ, a comprehensive three-manual instrument, was installed in Stetson Chapel in the fall of 1936. The Kirby Memorial Amplification Unit makes possible the broadcasting of music from the Chapel tower and provides a public address system for the nave. It is a gift of the late Winifred S. Kirby in memory of her husband, Lewis H. Kirby, and her parents, Mr. and Mrs. Frederic B. Stevens, and was installed in March, 1947.

THE MINNIE MANDELLE MEMORIAL LIBRARY was opened in September, 1930. By the will of Mary Senter Mandelle of Stonington, Connecticut, the College received a bequest for its construction and maintenance.

Mandelle Library building contains a combined reference and reading room, a periodical room, a club reading room for informal reading, seminar and lecture rooms, a meeting room for faculty and trustees, and an exhibition room and studio for the Art Department. The library has 53,000 catalogued volumes, receives more than 400 periodicals, and has an extensive pamphlet collection. The library is open sixty-six hours each week, and students are allowed free access to the stacks in which there are carrells for private study.

Kalamazoo College has received national recognition for excellence in the teaching of science . . .

CHEMISTRY AND PHYSICS LABORATORIES in Olds Science Hall. On the first floor of the building are the physics lecture room, preparatory room, offices, mechanics and heat laboratory, laboratory for spectroscopy, central battery and switch-board room, laboratory for photometry, and three private laboratories for advanced students; on the second floor, the chemistry lecture room, stock rooms, balance rooms, offices, six private laboratories for advanced students, and general laboratories for quantitative analysis, physical chemistry research and physiological chemistry; on the third floor, stock rooms, balance rooms, and general laboratories for inorganic and organic chemistry and qualitative analysis. A Foucault pendulum tower in the center of the buildings provides demonstration of the rotation of the earth. On the basement floor are the machine shop, the laboratory for dynamo machinery, the photographic laboratory, and the storage rooms.

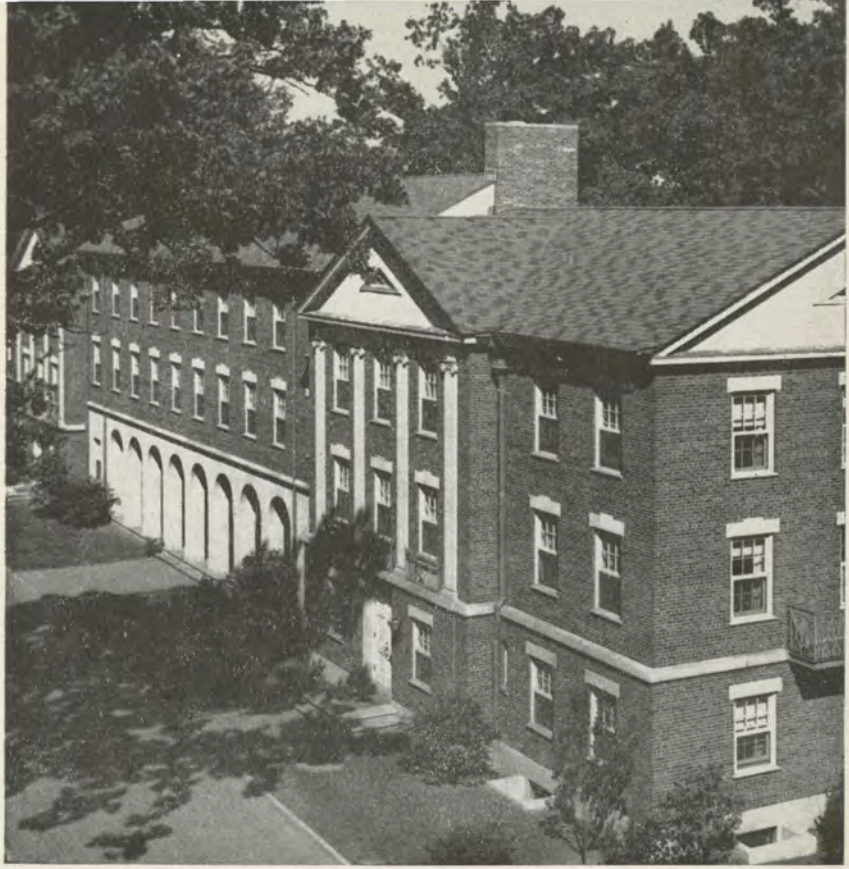
Several major pieces of equipment are available to the chemistry students in addition to the standard items of laboratory apparatus. These include a heavy duty high temperature electric muffle furnace, electric combustion furnaces, precision constant temperature baths, an adiabatic bomb calorimeter, equipment for the precision measurement of the electrical conductivity of solutions, equipment for using liquid ammonia, and facilities for glass blowing using either "soft" glass or "pyrex" glass.

For the course in astronomy, a four-inch refracting telescope is mounted one mile south of the city limits, where there is an unobstructed view of the sky. This telescope has an equatorial mounting, accurately divided circles, and electric-clock drive. Equipment for astronomy also inlcudes a mechanical model of the solar system, a special globe to illustrate precession of the equinoxes, one hundred lantern slides, large-scale star maps, and a number of special devices for lecture-table demonstrations.

BIOLOGY LABORATORIES occupy four rooms on the first floor of Bowen Hall. Adjacent to the laboratories are a general lecture room, a photographic darkroom, a glass room, a conservatory, a preparation room, and a reading room containing a selected collection of periodicals and reprints. Apparatus for work of instruction and research includes microscopes, binocular dissecting scopes, camera lucida, hand magnifiers, immersion lenses, paraffin baths, warming ovens, rotary colloidin and freezing microtomes, and incubators. Portable projection lanterns, charts, models, lantern slides, microscope slides, and illustrative collections are extensively used. The department maintains a teaching museum of botanical and zoological material and a permanent exhibit of over two hundred mounted birds.

THE R. E. OLDS SCIENCE HALL, built in 1927, houses the Physics and Chemistry Departments. This building is the gift of the late R. E. Olds, a Trustee of the College. Both the building and its equipment embody the best that can be had for scientific study in these two fields, with a view to thoroughness in grounding students in these science and carrying the ablest of them through advanced courses toward significant research.

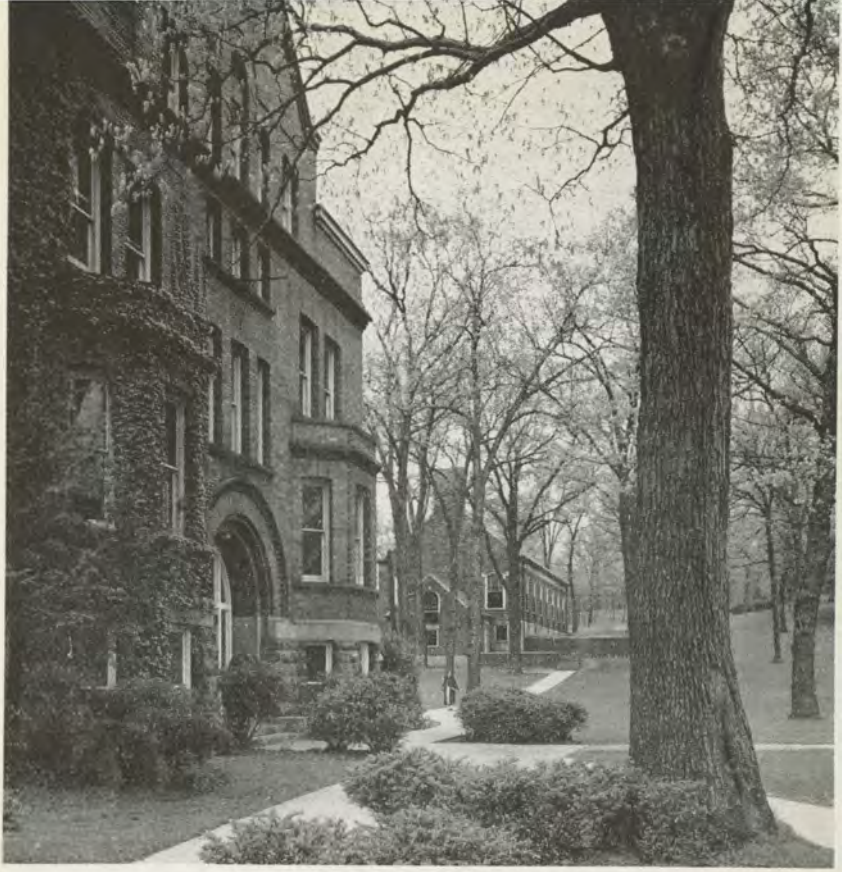
Construction is to begin in the spring of 1955 for a biology building, adjacent to the R. E. Olds Science Hall, in memory of the late Louis C. Upton, founder of the Whirlpool Corporation and a Trustee of the College.



HOBEN HALL, residence for men, is the gift of Dr. Enos A. DeWaters, '99, and the late Mrs. De Waters, '00, of Flint. It was opened and dedicated on January 20, 1937. Hoben Hall accommodates one hundred sixteen men. On the first floor are a beautiful appointed lounge which is frequently used for receptions and parties, a central office, a suite of rooms for the house supervisor, and the infirmary.

HARMON HALL, residence for men, was first occupied in September, 1947. It was dedicated on October 18, 1948, and named Harmon Hall in honor of the late Dr. Claude M. Harmon, Trustee from Detroit. The hall accommodates one hundred twenty-two men. The lounge, recreation room, house supervisor's apartment, dormitory kitchen, laundry and infirmary are located on the first floor.

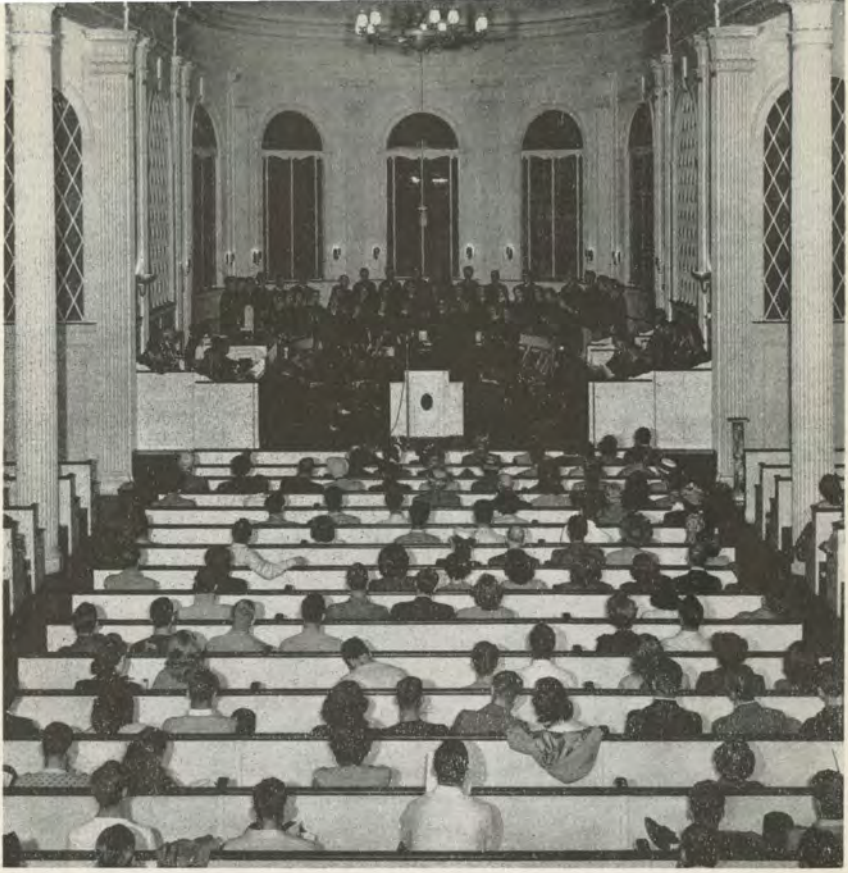
In both Hoben Hall and Harmon Hall there is a variety of room arrangements for the students, including the regular single bedroom-study and double bedroom-study combinations. There are also suites for two men, providing one bedroom, study, and bath; and suites for four men, providing two bedrooms, study, and bath.



BOWEN HALL, built in 1902, is the administration building, shown in the foreground, and here are located the biology laboratories, classrooms, and the administrative offices. In addition, there are an assembly hall and stage, the drama workshop, and the meeting rooms for student literary societies. Located at the south side of Bowen Hall is the Praeger Greenhouse, for plant experimentation, erected in 1925 by friends of the late Professor William E. Praeger.

WELLES HALL, made possible by a bequest of the late F. R. Welles, is also shown above. It was first occupied in January, 1940, and it serves as a dining hall and union. The attractive main dining room accommodates three hundred guests. On the ground floor is a large comfortably furnished lounge, soda fountain, the campus book store, and a dining room for small dinner meetings.

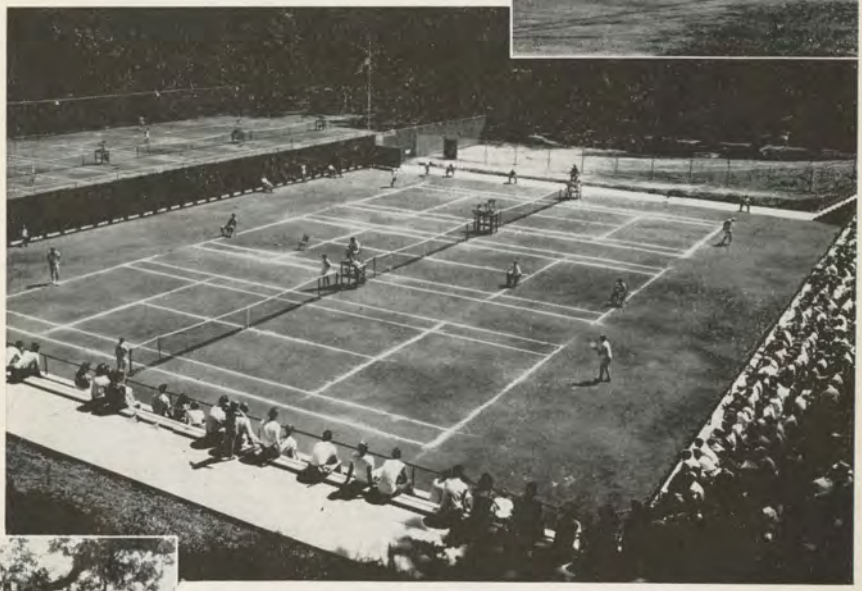
MARY TROWBRIDGE HOUSE, residence for women, was first occupied in 1925. It is situated in the college grove on the west side of the campus. This dormitory has accommodations for approximately one hundred sixty women and the house director. Facilities at Mary Trowbridge House include a spacious lounge, sun parlor, sundeck, playroom, study hall, kitchenettes, and infirmary. The dormitory rooms are each furnished for two students, and there is a number of two-bedroom suite combinations.



MUSIC FACILITIES. In Stetson Chapel, the Hoben Memorial Organ, a comprehensive three-manual instrument, built by M. P. Moeller, Inc., is available to organ students for practice, and on the lower floor is located a two-manual pipe organ for student use.

The South Street Music House, located within a five-minute walk of the campus, houses the Applied Music Department. Well-appointed studios and practice rooms are equipped with one or more pianos and suitable furnishings to provide a pleasant atmosphere for the study of music. A comprehensive library of recordings of great music is located in the music room of the Annex.

FACULTY ROW is the name given to the western section of the campus where are located seven of the faculty homes. These seminar homes were erected by the Trustees of the College in 1927 and 1930 and serve both faculty and students in the educational and social programs of college life. A distinctive part of Faculty Row is the brick colonial residence of the President and his family.

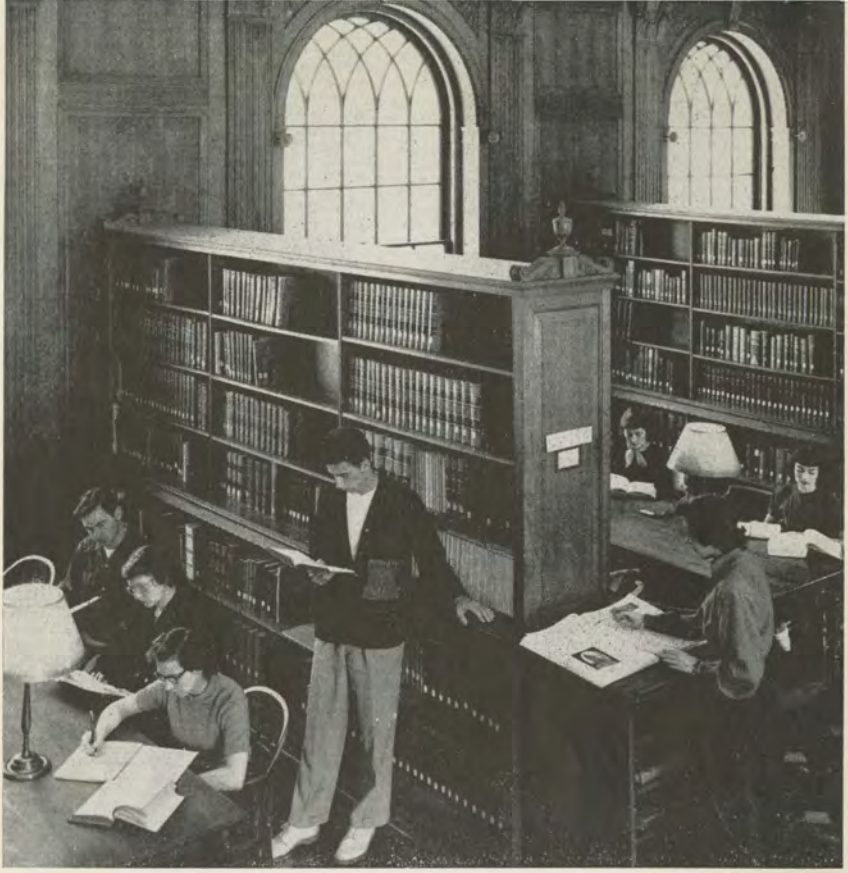


THE ARTHUR C. TREDWAY GYMNASIUM was originally constructed in 1911. During the summer of 1930, it was remodeled and enlarged through a bequest from the late Arthur C. Tredway of the class of 1898. The building is well-equipped to meet the needs of the physical education classes and of the indoor sports programs of both men and women students. It provides a playing floor of fifty by ninety feet and has seating accommodations for two thousand people.

ANGELL FIELD was dedicated on October 19, 1946. The purchase of twenty-two acres of land on which it stands for athletic and physical education purposes was made possible by gifts from the Kalamazoo Foundation, the W. E. Upjohn Estate, the Sutherland Paper Company, the Kalamazoo Stove Company, the Upjohn Company, and Charles B. Hays. Funds for the development of the football field with stadium and pressbox, lights for night contests, and a quarter-mile running track, thirty feet wide, with a 220 yard straightaway, were provided by the late William R. Angell, and Mrs. Angell, in memory of their son, Chester M. Angell, who was killed in action in World War II.

STOWE TENNIS STADIUM was constructed in 1946 with funds contributed by Kalamazoo citizens. Nine clay courts with red teniko surface, permanent seating for 1,500 spectators, pro shop, judges' stand, dressing rooms, and press box, are provided. The National Junior and Boys' Tennis Championships are scheduled at this stadium through 1955 as are numerous local and state tournaments. This stadium is considered one of the finest college stadiums in the country. It was named in honor of Dr. Allen B. Stowe and dedicated on August 3, 1946.

There are also five grasstex courts, constructed in 1941, immediately adjacent to Tredway Gymnasium.



ACCREDITATION

Kalamazoo College is accredited by the North Central Association of Colleges and Secondary Schools.

It is an institutional member of the American Council on Education.

It is a member of the College Entrance Examination Board of the Association of American Colleges.

Women graduates of Kalamazoo College are eligible for national membership in the American Association of University Women.

History

Kalamazoo College was founded as the Michigan and Huron Institute, receiving its charter from the Territorial Council on April 22, 1833. The Reverend Thomas W. Merrill, a Baptist missionary from New England, and Judge Caleb Eldred, a Michigan pioneer, were the founders. Bronson (later called Kalamazoo) was selected as the site in 1835, and the first building was erected and instruction was begun in 1836.

In 1837, the name was changed to the Kalamazoo Literary Institute, and in 1840, the school merged with the local "Branch" of the University of Michigan, a relationship which continued until 1850. During this period, the Institute was under the direction of Principals Nathaniel Marsh, Nathaniel A. Balch, David Alden, and William Dutton.

In 1843, a new era began with the appointment of the Reverend J. A. B. Stone as principal. He served for twenty years. Lucinda Hinsdale Stone, his wife, established a woman's seminary and became widely known as a leader in the women's rights movement. The institution's charter was amended in 1855 to grant the power to confer degrees, and the name was then changed to Kalamazoo College.

Serving the College following the Stone administration were the following:

John M. Gregory	1864-67
Kendall Brooks	1868-87
Monson A. Wilcox	1887-91
Theodore Nelson	1891-92
Arthur Gaylord Slocum	1892-1912
Herbert Lee Stetson	1912-22
Allan Hoben	1922-35
Charles True Goodsell (Acting President)	1935-36

Stewart Grant Cole	1936-38
Paul Lamont Thompson	1938-48
Administrative Committee, consisting of Allen B. Stowe, chm., Harold T. Smith, and Everett R. Shober	1948-49
John Scott Everton	1949-1953
Harold T. Smith (Administrative Head)	1953
Weimer K. Hicks	1953-

Admission

An applicant for admission to Kalamazoo College must have the academic ability and background to benefit from a liberal arts education. Kalamazoo College desires to admit students who possess qualities of character, intellect, leadership, personality, and earnestness of purpose which will enable them to meet its high standards. Each application is considered upon its individual merits after all information has been received.

Candidates for admission are expected to meet the requirements described below. In exceptional circumstances, persons who do not meet the regular requirements may be permitted to enroll as unclassified students. A $5 fee is required with each application, which amount is applied on the semester tuition. Students may apply any time after having completed the eleventh grade, and they may be accepted pending successful high school graduation. An early application favors the applicant, since priority in regard to admission to the College and room in the dormitory is given to the early applicant.

Application forms may be obtained from the Director of Admissions.

ENTRANCE REQUIREMENTS

The applicant must meet the following requirements:

1. Graduation from an accredited secondary school.
2. Academic achievement in high school work that indicates probable success at Kalamazoo College.
3. Recommendation from the principal or other school counselor certifying the student's ability to do college work.
4. Demonstration of his readiness for college in *one* of the following ways:

a. by presenting fifteen units of secondary school work. Twelve of these must be in academic studies, of which
   (i) three or four academic units must be in English
   (ii) and the remaining eight or nine academic units must be presented from at least three of the following areas: foreign language, mathematics, science, and social studies;
b. by qualifying under the College Entrance Examination Board Tests or tests provided by the Kalamazoo College Testing Service;
c. by qualifying under the Michigan Secondary School and College Agreement Plan.

ADMISSION WITH ADVANCED STANDING

Students who wish to transfer from accredited junior colleges, other liberal arts colleges, or universities must have at least a "C" average and must file with the Director of Admissions an application for admission and a transcript of work taken in previous institutions. Transfer students with junior or senior standing must take the sophomore aptitude tests. If a transfer student has already taken these tests, he may meet this requirement by having his test results sent to Kalamazoo College. No candidate for the Bachelor's degree may enter later than the beginning of the senior year.

Expenses*

	Each Semester	Total for Year
Tuition for full-time students	$237.50	$475.00

Tuition for part-time students, carrying fewer than 10 semester hours, is $25 per semester hour.

General Fees	$ 37.50	$ 75.00

This charge covers health service, hospital insurance, laboratory fees, special lectures, musical programs, admission to athletic and forensic contests, subscriptions to College publications, membership in the Student Government, Women's League or Men's Union, and the cost of most non-academic student activities.

Board and Room	$350.00	$700.00

Charges for all rooms are the same, except that an additional charge of $25 per semester is made for the privilege of occupying a single room, and an additional $50 per semester is charged for the privilege of occupying a double room alone. The latter privilege is not granted when it excludes other students.

OTHER FEES

Matriculation Fee $10.00

Paid but once by all students upon enrolling for the first time. It covers the cost of general orientation and the opening of permanent records.

Graduation Fee $10.00

Due at the opening of the semester prior to graduation.

Late Registration Fee $1 per day, limited to $ 5.00

Paid for registering after the official registration period has closed.

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* In order to meet changing economic conditions, the Board of Trustees reserves the right to change fees prior to the opening of any semester.

MUSIC FEES

Tuition for Applied Music Per semester hour.....$20.00

Lessons in voice, organ, piano, violin, violincello, or any other instrument.

Rental for piano

one hour daily per semester	$ 5.00
one & one-half hours daily per semester	$ 7.00

Rental for two-manual organ

one hour daily per semester	$ 7.00
one & one-half hours daily per semester	$10.00

Rental for three-manual organ

one hour daily per semester	$20.00
one & one-half hours daily per semester	$28.00

DEPOSITS

Room Deposit, Non-Refundable $50.00

Paid within three weeks after admission to assure a room in a dormitory. The deposit is applied on the payment of bills at the time of registration. Room assignments will be made according to date of payment, with the better rooms being assigned to the early applicant.

Caution Deposit, Refundable $10.00

Paid by all students at the time of first registration and refundable after graduation or leaving college. It is designed to caution the student against unnecessary or unusual breakage or damage to College property — in the dormitory, dining hall, classroom, library, laboratory, or elsewhere. Charges against the deposit must be repaid in order to keep it at $10.

PAYMENT OF BILLS

Bills are payable to Kalamazoo College at the Business Office. Semester bills are due on registration day, but may be paid in advance. If desired, deferred installment payments can be arranged. When so arranged, the first payment is due on registration day and the final payment is due not later than the first of the month prior to the close of the semester. A two per cent carrying charge is added.

No student who is delinquent in the payment of bills, or against whom the College holds past due notes for tuition or other indebtedness, will be given a diploma of graduation or a certificate showing scholastic standing, until such indebtedness has been fully paid.

REFUNDS

A student who leaves college before the close of a semester is not eligible for a refund of fees except when withdrawing during the early part of the semester on account of his own illness or for comparable emergency reasons. When he believes that a refund is due, a written request should be addressed to the Business Office, setting forth his case. The request will be examined by the Administrative Staff, and, if approved, a refund will be made according to the following schedule based on the withdrawal date certified by the Registrar: —

During the first week	80%	During the fifth week	40%
During the second week	70%	During the sixth week	30%
During the third week	60%	During the seventh week	20%
During the fourth week	50%	During the eighth week	10%

After the eighth week, no refund will be made.

RESIDENCE AND BOARDING

All out-of-town students are expected to live in the college residences and board in the college dining hall unless excused by the faculty Personnel Committee. Room and board are not provided during any of the listed vacation periods. The college reserves the right to use all dormitory rooms during these vacation periods for housing conferences that may be held on the campus.

Application for a room:

Application for a room by an out-of-town student is covered by the application for admission. When he has paid his

$50 deposit, a room is reserved, with the more desirable rooms being assigned according to date of deposit.

Men:

The rooms in the residence halls for men are furnished with single beds with comfortable springs and mattresses, pillows, spreads, study chairs, and easy chairs. Large double study desks, study lamps, and window draperies are provided. There are built-in book shelves and dressers. The student is expected to have his own blankets, bed linens, and towels. Although general maid service is provided, the students take care of their own rooms.

Keys are issued without a deposit, but $1.00 is charged to the student's caution deposit for each key lost or not returned at the end of the school year.

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

Women:

In Mary Trowbridge House each room accommodating two persons is comfortably furnished with twin beds, regulation study table, chairs, mattresses, and pillows. The student is expected to provide her own bed linens, blankets spreads, towels, window curtains, and closet curtains. Although general maid service is provided, the students take care of their own rooms.

Keys are issued without a deposit, but $1.00 is charged to the student's caution deposit for each key lost or not returned at the end of the school year.

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

Scholarships, Student Aid, and Loans

In order to recognize scholastic achievement and to help students with limited means obtain a college education, the following scholarships, student aid, work assistance, and student loan funds are provided.

Scholarships, other student aid, and work assignments are awarded for the period of one year and are subject to renewal for those students who maintain a satisfactory level of academic achievement, who fulfill high standards of student citizenship, and whose need for assistance continues. All awards are made by the Committee on Scholarships.

New students wishing assistance should file an application for student aid along with the application for admission with the Director of Admissions, who will supply the necessary forms. Returning students may obtain student aid forms from the Office of the Deans. *Students planning to return the following year should file their application for student aid in the Office of the Deans by April 15.*

I. KALAMAZOO NATIONAL SCHOLARSHIPS

Each year a number of Scholarships of $100 to $400 per year are available to entering freshmen who need financial assistance and who achieve the highest scores in the Scholastic Aptitude Tests of the College Entrance Examination Board (see note, page 38, on how to take the test). Additional criteria considered are the student's academic record in high school, recommendations of high school officials and teachers, the leadership ability of the student as demonstrated in secondary school activities, and the student's character.

Students who maintain an average of 2.5 quality points (B-) during their freshman year and an average of 3.0 quality points (B) during their sophomore and junior years

will be eligible for successive renewal of these awards, provided their campus citizenship and need for assistance continue to satisfy the Committee on Scholarships.

II. HONOR SCHOLARSHIPS

Recognizing the intrinsic value of scholarship itself, the College awards Honor Scholarships of $100 each to students who demonstrate unusually high academic achievement. These honor scholarships are awarded regardless of financial need on the following basis:

Superior high school record, character, and citizenship as reflected in the recommendation from the high school, *and* high scores on the Scholastic Aptitude Test of the College Entrance Examination Board (see note, page 38, on how to take the test). Honor Scholarships are awarded for the freshman year only.

III. SCHOLARSHIPS IN SPECIAL FIELDS

THE Y. J. BEIMER SCHOLARSHIP, established by Robert J. Beimer for a student of financial need and with an interest in the general field of writing or journalism. The award for 1955-56 will be $300.

THE KENDALL BROOKS SCHOLARSHIP FUND, established in 1954 by Miss Edith E. Pettee, in memory of her brother, Harry H. Pettee '86, to aid students in biological science.

THE DOW CHEMICAL COMPANY SCHOLARSHIPS, established in 1954 by the Dow Chemical Company of Midland, Michigan, are awarded each year to two junior and two senior students in chemistry. The awards are $500 each.

GENERAL MOTORS CORPORATION SCHOLARSHIP, established in 1955. Awarded on the basis of outstanding scholarship and leadership qualities and a need for financial assistance.

THE JOHN WESLEY HORNBECK SCHOLARSHIP, established in 1951 to aid students in physics. The award for 1955-56 will be $250.

THE CHARLES KURTZ JACOBS SCHOLARSHIP, established in 1951 to aid students in mathematics. The award for 1955-56 will be $100.

MUSIC COMPETITIVE SCHOLARSHIPS. Two scholarships providing $300 each will be awarded to entering freshmen who are (1) recommended by the music faculty on the basis of auditions in piano, organ, string instruments, or voice; (2) planning to major in the field of music at Kalamazoo College; (3) able to present *either* a good high school record and recommendation *or* evidence of above average scholastic ability on the Scholastic Aptitude Test of the College Entrance Examination Board. In addition, the need of the applicant for financial assistance will be considered. The awards will be renewable provided the need for assistance continues, citizenship is satisfactory, and the student maintains an average of 2.5 quality points (B-) during the freshman year and 3.0 (B) during the sophomore and junior years.

THE PRAEGER SCHOLARSHIP IN BIOLOGY was established in 1934 by friends and former students of the late Professor William E. Praeger, in cooperation with the University of Michigan. The purpose of this scholarship is to make possible for outstanding juniors and seniors a summer's study at the Douglas Lake Biological Station of the University of Michigan. Undergraduate or graduate courses may be pursued. Four hundred-eighty dollars is now available.

SCIENCE COMPETITIVE SCHOLARSHIPS. A limited number of scholarships providing $300 each are awarded to entering freshmen on the basis of competitive examination, high school science teachers' recommendations, and financial need. Inquiry concerning the competitive examination should be made before February 15 by writing to the Director of Admissions. The awards will be renewable if a grade

point average of 2.5 (B-) during the freshman year, or 3.0 (B) during the sophomore and junior years is maintained together with the continuance of good citizenship and financial need. The funds for these scholarships have been supplied in part by former students in science.

THE EMMA WHYLAND SHARP SCHOLARSHIP, established in 1935, preference given to music students chosen each June by a committee headed by the pastor of the First Baptist Church of Alma, Michigan. The award for 1955-56 will be $100.

THE STANDARD OIL FOUNDATION SCHOLARSHIP, established in 1952 by the Standard Oil Company, is awarded each year to a senior student in chemistry. The award is $500.

UPJOHN SCHOLARSHIPS IN CHEMISTRY. Two scholarships per year, each amounting to $950, are provided by The Upjohn Company of Kalamazoo. They are awarded to seniors or juniors majoring in chemistry who have been recommended by the Department of Chemistry, approved by the Committee on Scholarships, and who are acceptable to The Upjohn Company. Recipients spend one semester and one summer vacation consecutively in a full-time laboratory position at The Upjohn Company.

IV. AREA SCHOLARSHIPS

THE BALTIMORE ALUMNI SCHOLARSHIP, established in 1955 by the alumni of the Baltimore area. The amount available for 1955-56 is not yet determined.

THE BOSTON ALUMNI SCHOLARSHIP, established by alumni of the Boston area. The amount for 1955-56 is not yet determined.

THE CHICAGO ALUMNI SCHOLARSHIP, established by alumni of the Chicago area. The amount for 1955-56 will be $400.

THE PITTSBURGH ALUMNI SCHORLARSHIP, established in 1955 by the alumni of the Pittsburgh area. The amount available for 1955-56 will be $400.

THE ROCHESTER ALUMNI SCHOLARSHIP, established in 1951 by the alumni of the Rochester area. The amount available for 1955-56 will be $400.

THE WASHINGTON, D. C., ALUMNI SCHOLARSHIP, established in 1955 by the alumni of the Washington area. The amount available for 1955-56 will be $400.

DETROIT EDISON COMPANY SCHOLARSHIP. The Detroit Edison Company has assigned to Kalamazoo College a scholarship of $200 for the academic year 1955-56. The recipient of this award must be a resident of the Detroit Edison Company service territory and qualify in terms of high academic record, high school recommendations, and financial need for consideration by the Committee on Scholarships.

THE JOSEPH W. HICKS SCHOLARSHIP, established in 1911. Recipients are nominated by representatives of the Plainwell School Board and of the Plainwell High School. Three scholarships of $200 each are available for 1955-56.

THE INTERNATIONAL SCHOLARSHIP FUND, established anonymously in 1950 for foreign students regardless of race, creed, or nationality.

THE WOMEN'S COUNCIL SCHOLARSHIP, established in 1951 for foreign students, preferably women students. A sum of $50 is available for 1955-56.

KALAMAZOO AREA SCHOLARSHIPS. Commuting students entering as freshmen, who need financial aid and who (1) graduated in the upper ten percent of their high school class or (2) rank high on the Scholastic Aptitude Test of the College Entrance Examination Board (see note, page 38, on how to take the test), are eligible for a half-tuition scholarship ($237.50).

The award is made for one year and is renewable at the end of the freshman year if the student maintains an average

of 2.5 quality points (B-), and at the end of the sophomore and junior years if the student maintains an average of 2.75 quality points, provided further that the student still needs the assistance and the student gives evidence of satisfactory campus citizenship.

THE H. H. LATOURETTE SCHOLARSHIP, established in 1909. Preference given to students recommended by the First Baptist Church, Fenton, Michigan. The award available for 1955-56 is $100.

THE LEE PAPER COMPANY SCHOLARSHIPS, established in 1951 by the Lee Paper Company of Vicksburg, Michigan, for graduates of Vicksburg High School, or if there be no candidate from the Vicksburg High School any year, the scholarship is open to graduates of Schoolcraft or Mendon High Schools. An award of $275 is available to a freshman each year and is renewable for the four years provided the recipient maintains an average of 2.5.

THE EMMA O. REED SCHOLARSHIP, established in 1924 for applicants from Ingham County, Michigan, when nominated by vote of the First Baptist Church of Mason, Michigan. The award available for 1955-56 is $200.

THE SUTHERLAND PAPER COMPANY SCHOLARSHIP, established in 1953 by the Sutherland Paper Company of Kalamazoo, Michigan, for children of employees of the Company. The award is $750.

V. CHURCH SCHOLARSHIPS

KALAMAZOO COLLEGE — AMERICAN BAPTIST (COOPERATIVE) SCHOLARSHIPS. Under the American Baptist National Scholarship Program, Baptist students competing successfully in the Scholastic Aptitude Tests of the College Entrance Examination Board are awarded scholarships for attendance at any cooperating Baptist college. The awards are provided jointly by the College and the American Baptist

Convention and range from $300 to $500 a year. For those students receiving the highest grades, the scholarships are renewable for four years.

For detailed information on how to compete for a scholarship, one should see his pastor, or write to The Board of Education and Publications, American Baptist Convention, 152 Madison Avenue, New York 16, New York.

SCHOLARSHIPS FOR CHILDREN OF MINISTERS AND MISSIONARIES. Children of ministers and missionaries are eligible for a $100 scholarship award each year. As an alternative, it is possible to qualify for some other scholarship, or a work-grant scholarship.

THE C. VAN HUSAN SCHOLARSHIP, established in 1892 to aid students preparing for the ministry. A sum of $50 is available for 1955-56.

VI. WORK-GRANT PROGRAM

Students who have a definite need for financial assistance in order to come to college or to continue their study here may apply for a work-grant award. Under this arrangement, assistance varying in amounts each year is available. The assistance is awarded in two parts: (1) a campus work assignment and (2) a student grant. The size of each part of the total assistance is made in relationship to the student's need and the financial resources available for this program. This work-grant program is set forth in the belief that students who need direct financial assistance will wish also to help themselves by working.

Work-grant awards are made for a period of one year on the basis of an application showing evidence of financial need, high school record, and high school recommendation. Renewal of these awards is contingent upon maintaining an average of 2.0 quality points (C) in academic work, satisfactory performance in the work assigned, and evidence of satisfactory campus citizenship.

Since the work-grant awards are limited, prospective students will have greater opportunity of financial assistance by filing their application forms early.

VII. STUDENT EMPLOYMENT

Though most of the available campus employment is taken by students receiving work-grant assistance, any student is eligible to apply for such employment. The present hourly rates are: sixty-five cents during the first year, seventy cents during the second year, seventy-five cents during the third year, and eighty cents during the fourth year, provided the work each year has been done satisfactorily as reported by the supervisor.

In addition to the campus employment, the Office of the Deans receives numerous requests each year for students to take part-time jobs in the business and industry of Kalamazoo. In most instances the hourly rate of pay for off-campus employment is higher than the campus rate given above. Students desiring off-campus employment are requested to fill out the appropriate form in the Office of the Deans. New students interested in part-time jobs off-campus should request an application from the Director of Admissions.

VIII. GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

THE UPJOHN RESEARCH SCHOLARSHIP IN CHEMISTRY, amounting to $1,000 plus tuition at any graduate school selected by the recipient is awarded by the Upjohn Company of Kalamazoo to a graduate of the College recommended by the Department of Chemistry. The duration of the scholarship is for a period of one academic year.

THE ARTHUR L. BLAKESLEE SCHOLARSHIP IN MUNICIPAL ADMINISTRATION, the gift of Mr. Arthur L. Blakeslee, a trustee of the College, is awarded to a graduate of an approved college or university. The student under this award is assigned to the staff of the Kalamazoo Bureau of Muni-

cipal Research where his theoretical study of government administration is supplemented by contact with the processes of a functioning governmental unit. Applicants who have completed an honors major in Public Administration may expect to complete the work for the Master's degree in one year. The scholarship carries a stipend of $400 for the year. Application should be filed by March 15 with the Dean, Kalamazoo College, Kalamazoo, Michigan.

HORACE H. RACKHAM SCHOLARSHIP grants a sum of $830 for graduate study at the University of Michigan. The nomination of a senior for this scholarship, together with an alternate, is made by the faculty on the basis of scholarship, character, and promise of service.

THE HERBERT LEE STETSON FELLOWSHIP The late President Stetson in his will provided an endowment for a fellowship for a graduate of Kalamazoo College to pursue work at Harvard, Yale, Johns Hopkins, Chicago University, or a European university. The recipient must be a person of very high moral character and with such an academic record as will justify the expectation that he or she will develop into a very capable research student or will attain some marked excellence in some field of scholarship. This fellowship is not available for professional work other than in the Department of Education. The amount available for 1955-56 is $950.

IX. STUDENT LOAN FUND

Through the years, friends of the College have provided loan funds for worthy students who need to borrow. These funds now total more than $235,000.

Students who cannot obtain sufficient financial assistance from employment, from parents or from friends, are encouraged to consider a loan program which may involve as much as $500 in each or any of his or her four years. Through a carefully planned program of student loans, students who might not otherwise be enabled to at-

tend college may do so at Kalamazoo College. Because opportunities for employment while in school are more readily obtained in the later years of college, and because the academic adjustment of the initial year is usually greater, entering students are urged to consider the use of the College's student loan fund in order to begin successfully their college careers.

Loans are made without interest while the student is in Kalamazoo College or in a subsequent graduate or professional school. Upon leaving Kalamazoo College or upon graduation, arrangements for payments are made in accord with the borrower's probable ability to make payments either in total or in installments. Interest charges begin six months after graduation, or six months after leaving a subsequent graduate or professional school. The present rate of interest being charged is 3% per annum.

NOTE: *How to take Scholastic Aptitude Test of the College Entrance Examination Board.*

Permission to take the Scholastic Aptitude Test of the College Entrance Examination Board must be obtained one month before the examination date. Applicants must file an application for admission and an application for financial aid with the Director of Admissions. When the student receives notice of eligibility for a competitive scholarship, he should apply to the College Entrance Examination Board, Box No. 592, Princeton, New Jersey, or Box No. 2416, Terminal Annex, Los Angeles, California, for permission to take the examination. The examination fee of six dollars must accompany the application. The Board will send the permission, a bulletin of information concerning time and place of the examination, and sample test questions. The examination is given on December 3, 1955; January 14, 1956; March 17, 1956; and May 19, 1956. Centers for the examination are located throughout the country at 150 mile intervals, each serving the communities within a 75 mile radius.

ENDOWMENT FUNDS FOR SCHOLARSHIPS

The College gratefully records the following Endowment and Student Loan Funds which make much of the foregoing scholarship and student aid program possible.

Endowed Scholarship Funds

(The interest on the funds is available for scholarships.)

THE JESSE HOYT AMES FUND, established in 1940 by the bequest of Dr. Edward Ames.

THE AXTELL FUND, established in 1876 from the estate of Miss Hanna Axtell.

THE EDWARD E. CHAPPLE FUND, established in 1954 from the estate of Edward E. Chapple.

THE SARAH A. DEWATERS FUND, established in 1950 by the bequest of Sarah A. DeWaters, for women students.

THE HARMON EVERETT SCHOLARSHIP MEMORIAL FUND, established November 28, 1951, by Helen Carey Everett in memory of her husband.

THE HORACE J. AND LIZZIE P. FULLER FUND, established in 1944 by the bequest of Mrs. Lizzie P. Fuller.

THE JOHN M. GREGORY AND LOUISA C. GREGORY FUND, established in 1920 by the bequest of Mrs. Louisa C. Gregory, to aid worthy and self-sustaining students who pass the best competitive examinations in the preparatory studies.

THE JOSEPH W. HICKS FUND, established in 1911 by Mrs. H. D. Hicks, recipients being nominated by representatives of the Plainwell School Board and of the Plainwell High School.

THE JOHN WESLEY HORNBECK MEMORIAL FUND, established in 1951, by former students and friends of the late Professor Hornbeck, to aid students in physics.

THE CHARLES KURTZ JACOBS MEMORIAL FUND, established in 1951 by his parents and friends, to aid students in mathematics.

THE H. H. LATOURETTE FUND, established in 1909 by the late H. B. LaTourette, preference given to candidates recommended by the First Baptist Church of Fenton, Michigan.

THE THOMAS T. LEETE, JR., FUND, established in 1934 by the bequest of Thomas T. Leete, Jr.

THE MR. AND MRS. FLOYD R. OLMSTED FUND, established in 1951 by Mr. and Mrs. Olmsted.

THE KENDALL BROOKS FUND, established in 1954 by Miss Edith E. Pettee, in memory of her brother, Harry H. Pettee '86, to aid students in biological science.

THE EMMA O. REED FUND, established in 1924 by Mrs. Emma O. Reed, for applicants from Ingham County whenever nominated by vote of the First Baptist Church of Mason.

THE EMMA WHYLAND SHARP FUND, established in 1935 by the late L. A. Sharp, preference given to music students chosen each June by a committee headed by the pastor of the First Baptist Church of Alma, Michigan.

THE CARL A. SOULE FUND, established in 1950 by Carl A. Soule.

THE RUTH SWIFT MEMORIAL FUND, established in 1953 by her father, Dr. Earle R. Swift, to aid women students.

THE LEWIS A. TAFT FUND, established in 1873 by the late Lewis A. Taft.

THE C. VAN HUSAN FUND, established in 1892 by the children of the late Caleb Van Husan, to aid students preparing for the ministry.

THE CHARLES WILLARD STUDENT AID FUND, established in 1896 by the late Charles Willard.

THE WOMEN'S COUNCIL SCHOLARSHIP FUND, established in 1951 by the Women's Council of Kalamazoo College, to be used for scholarships for foreign students, preferably women students.

The total principal of the above funds is $126,577.

Student Loan Funds

(The principal and income are available for loans to students.)

THE FRED EVERETT LOAN FUND, established in 1942 by Mr. Fred Everett of Seattle, Washington.

THE CHARLES TRUE GOODSELL MEMORIAL LOAN FUND, established in 1942 in memory of the late Professor Goodsell of the Department of History.

THE KIMMIS LOAN FUND, established in 1948 through the bequest of Mr. Austin Kimmis of California.

THE CHRISTINA REDPATH MUNRO LOAN FUND, established in 1943 by her daughter, Mary Munro Morris, for special loans to students who wish to obtain a teaching certificate.

OTHER LOAN FUNDS: The J. S. and Stella Collins Loan Fund, the Curtenius Loan Fund, the DAR Loan Fund, the Kappa Loan Fund, the Cecil Lindsay Loan Fund, the Henry Lindsay Loan Fund, the President's Loan Fund.

The total principal of the above funds is $235,000.

The Student and the College

Kalamazoo College places a definite emphasis upon scholarly attainment combined with the development of personality. This aim is met through the guidance of the individual student in the religious, intellectual, cultural, social, vocational, and physical objectives of the educational program — the effective environment of the small, liberal arts college.

This concern for the individual, the stimulating experience of association with well-qualified scholars in many fields, and the friendly spirit of the college family, are all a part of the "fellowship in learning" which is Kalamazoo College.

RELIGIOUS LIFE

Kalamazoo College is in the great tradition of church-related colleges and is committed to Christian higher education. Stetson Chapel, prominent on the campus hill, is the symbol of the centrality of religion at Kalamazoo College. Although Kalamazoo College was founded by the Baptist denomination, it is non-sectarian, striving without denominational bias to develop in its students a Christian philosophy of life. Religious activities of the campus are organized under the direction of the Dean of the Chapel, assisted by an advisory Board of Religious Activities composed of students and faculty members. A Chapel service is held twice each week, and attendance by the students is required. A United Student Christian Association provides a voluntary program of campus religious life. Because Kalamazoo is an important educational center, intercollegiate co-operation is maintained through the Inter-Church Student Fellowship under the sponsorship of a group of local churches.

NEW STUDENT DAYS PROGRAM

All new students are expected to be present during New Student Days and to participate in the orientation program.

This program includes a series of tests for all new students, conferences with faculty and student counselors, and talks by members of the student body and staff of the College. Social gatherings provide opportunities for all to become acquainted before the academic work begins. Meetings are held on successive Wednesday afternoons during the early part of the semester, at which the new students become acquainted with the history, aims, and organization of the College, the use of the library and laboratories, the campus traditions, the opportunities offered by the student organizations, and the cultural activities in the city.

COUNCIL AND GUIDANCE

Each new student is assigned a faculty counselor and a student counselor at the opening of the college year. These counselors assist him in planning his program, in making the proper adjustments to college life, and in meeting the various problems that arise during his first year on the campus. Between the opening of the second semester and the mid-term of the second semester, all sophomores are to choose a counselor from the department in which they want to do their major work.

Cumulative records are made of the student's activities and achievements. Psychological, personality, and vocational aptitude tests are given. Physical examinations are given at regular intervals and a careful record of the health of the student is kept. Using these data, the deans and the faculty counselors seek to provide helpful and intelligent direction and guidance for each student, based upon his peculiar interests, needs, and capacities.

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

PERSONAL COUNSELING

Students desiring extensive personal counseling assistance may be referred to qualified personnel. Appointments for inquiry about this counseling may be arranged through the Office of the Deans.

HEALTH SERVICE

The College seeks to safeguard the health of its students. A staff of doctors, specialists as well as general practitioners, is immediately available to the student body. Appointments for consultation with doctors on this staff are made through the campus nurse. The College does not assume financial responsibility for this medical service but does provide a registered campus nurse. There are infirmaries in the student dormitories for resident students. The student is expected to consult his own physician in case of serious illness. Through the courtesy of the Michigan Department of Health, an annual x-ray examination for tuberculosis will be given each student free of charge. See page 25 regarding hospitalization.

CARS ON THE CAMPUS

The college, as a matter of general policy, seeks to discourage the use of student cars on the campus. A student bringing a car to the campus must register his car with the Office of the Deans during the first week of each semester. A limited number of campus parking spaces will be assigned to the students who find it necessary to have a car on campus. When the spaces are assigned, others must of necessity park their cars off the campus. The city prohibits parking on the streets overnight. However, there is an off-the-street parking area near the campus.

Parking violations on the campus drive and parking lot are penalized by fines which are levied and collected by the Student Senate through its Committee on Parking.

Students having cars while in college are not eligible for most scholarships and all work assignments on campus except in unusual circumstances approved by the Committee on Scholarships. Students on probation are not permitted to have cars on the campus.

PLACEMENT

The College undertakes to give guidance and assistance to its students in their efforts to obtain employment after leaving College in business, teaching, and junior professional positions, to secure admission to graduate and professional schools, and to adjust themselves to the problems they face after graduation.

On the basis of objective tests, interviews, and cumulative records, an effort is made to assist the student in deciding on the type of work for which the student is fitted. In addition, the Office of the Deans has established a program whereby representatives from the various fields are brought to the campus to talk to the students and to interview them. A Career Week Conference is also held each spring. Contacts are maintained with the public schools, graduate and professional schools, business firms, and governmental agencies.

THE STUDENT AND THE MILITARY

As long as international conditions continue to require an increased defense establishment, the male citizen of student age will have to plan his college program in the light of existing selective service and Defense Department practices. One of the clear recommendations of authorities on the utilization of our national manpower resources is that the student who is capable of specialized performance should proceed directly toward the development of his abilities in higher education. For this reason, the Selective Service system has developed a program of occupational deferments for college students, and several branches of the military service

have inaugurated their own programs of officer candidate procurement designed to provide them with college graduates as officer candidates.

Though the Selective Service provisions for the occupational deferment of students may be altered from time to time, the existing regulations provide the possibility of deferment to a student on the following bases:

(1) Any student classified 1-A who is ordered to report for induction (which currently may not occur until the student is 18½ years of age) will be deferred until the end of the academic year in which his order to report for induction comes. This is a statutory deferment provided for by the Selective Service law. (Student is classified 1-S).

(2) Local boards are advised at present to consider either of the following conditions as the basis for a regular student deferment: (a) Class standing, ranking in the upper half of the freshman men, upper two-thirds of the sophomore men, and upper three-fourths of the junior men, or (b) a high score on the Selective Service College Qualification Test. This test is taken only once and is given in December and April. The student with an appropriate class standing or Selective Service College Qualification Test score will be eligible for an occupational deferment as a student (2-S).

Each of the branches of the military service has developed a program of officer candidate procurement in order to obtain specialized personnel. Kalamazoo College students may qualify for the Reserve Officer Candidate (ROC) program of the Navy or the Platoon Leaders Class of the Marine Corps and thereby obtain customarily a military deferment (1-D) until the completion of their B.A. degrees.

The ROC program of the Navy is currently open to physically qualified college students below the age of eighteen and a half years and involves two summer training periods of eight weeks each while the student is in college plus at-

tendance at a weekly reserve meeting in Kalamazoo. Unlike the ROTC or NROTC there is no additional requirement of courses in military science while the student is in college.

The Platoon Leaders Class of the Marines is open to college students who qualify physically and similarly involves two summer training periods of eight weeks each. While on training duty, the student is paid according to the rank he holds.

Upon the completion of college, members of the ROC program of the Navy and the Platoon Leaders Class of the Marines are commissioned as officers and are required to serve two years on active duty followed by six years in the inactive reserve.

STUDENT ACTIVITIES

Student activities are regarded as an integral part of the college program. They provide varied opportunities for wholesome self-expression. Every student is encouraged to participate in at least one activity each year. The number of such activities in which he may take part is determined, in conference with his faculty counselor, according to his individual interests and capacities, his academic load, and the amount of self-help employment which he has.

Members of the faculty assist in the direction of the several organizations. Faculty approval is required before any new student organization may be formed.

General College Organizations

THE STUDENT BODY is organized for the purpose of promoting extra-curricular activities, social events, and other projects of interest to the students. The Officers of the Student Body consist of a president, a secretary-treasurer, and the student managers of athletics, forensics, and publications. The student managers work in cooperation with various fac-

ulty committees for the promotion of extra-curricular activities.

THE SENATE is the executive committee of the Student Body. It consists of the elected officers, editor of Boiling Pot, social chairman, religious affairs representative, a representative of each of the classes, and the president of the Women's League and the Men's Union.

THE WOMEN'S LEAGUE was organized in 1929 for the purpose of uniting all women in the projects which concern the social, musical, athletic, and philanthropic activities of women students. These activities include the arrangements for welcoming new women; the annual Christmas Carol Service and Christmas social service project; the May Fete, and any welfare or social activities in which the assistance of Kalamazoo College women may prove helpful. All undergraduate women are members of the League.

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

THE MEN'S UNION was organized in the autumn of 1939. It includes all men students of the College. Its purpose is to sponsor activities and programs of interest to men. Outstanding speakers are heard at the regular meetings.

THE MARY TROWBRIDGE HOUSE COUNCIL and THE JOINT HOUSE COUNCIL of Harmon and Hoben Halls are the student government bodies of the women's and men's dormitories. Membership to these councils is elective by the students.

MEN'S AND WOMEN'S SOCIETIES. There are six societies which provide social and literary activities for the students.

The men's organizations are: the Sherwood Rhetorical Society, founded in 1851; the Philo Lambda, founded in 1855; and the Century Forum, founded in 1900. The women's societies are: the Eurodelphian Gamma Society, founded in 1856; the Kappa Pi Society, organized in 1906; and the Alpha Sigma Delta Society, which was founded in 1920. The regular meetings, scheduled for alternate Wednesday evenings, deal with business, literary, and social subjects. Each society holds occasional open sessions to which new students and friends are invited. Five rooms in Bowen Hall and one in Tredway Gymnasium are available for the use of the societies, thus enabling each organization to have a regular meeting place.

Scholastic Honor Societies

PHI KAPPA ALPHA, the academic honor society, was organized in May, 1940, by the members of the faculty holding membership in Phi Beta Kappa, Phi Kappa Phi, or Sigma Xi. Its purpose is to promote and give formal recognition to high scholastic achievement among the students of Kalamazoo College. Early in the second semester the faculty members of the society elect to membership a limited number of seniors and a smaller number of juniors on the basis of their academic records for three and a half or two and a half years. The new members are honored at an invitation banquet at which they also receive the society emblem, the Phi Kappa Alpha key.

A chapter of the national ALPHA LAMBDA DELTA, freshman scholastic honor society for women, was installed on March 5, 1942. The national organization was founded at the University of Illinois in 1924, and there are now more than fifty chapters, all in colleges approved by the Association of American Universities. Freshman women who make an average of 3.5 for the first semester or for the entire year are eligible for membership.

Musical Organizations

THE COLLEGE SINGERS, a robed choir of 60 men and women, provides the music at the chapel services, and presents special programs on and off campus from time to time The repertoire includes sacred and secular works, both a cappella and accompanied. Each season an oratorio or opera is presented, including such works as Dubois' "The Seven Last Words," Mendelssohn's "Hymn of Praise," Stoughton's "The Woman of Sychar," Smetana's "The Bartered Bride,' Kurt Weill's "Down in the Valley." An annual spring tour of towns in Michigan and adjoining states is part of the season's schedule. Membership try-outs are held in the fall.

A COLLEGE BAND, in addition to concert work, provides music for athletic contests and other occasions. Uniforms and some of the instruments are supplied by the College.

THE COLLEGE STRING AND WOODWIND ENSEMBLES offer opportunity to instrumentalists to gain ability and experience in playing chamber music literature. Capable players may also qualify by audition for membership in the Kalamazoo Symphony Orchestra or the Civic Junior Symphony Orchestra.

THE WOMEN CAROLERS present the annual Christmas candle-light service in Stetson Chapel each December under the auspices of the Women's League. All college women who sing are eligible to participate.

VOCAL ENSEMBLES include the men's varsity quartet and the women's varsity quartet. Members are selected by try-out by the faculty director.

THE OVERLEY SOCIETY is open to students of applied music. Bi-weekly program meetings are directed by the student officers, assisted by faculty counselors. The main purpose of the club is to afford practical experience in public performance to its members.

THE BACH FESTIVAL is a community project sponsored by the College. An annual three-day festival is presented in March. The programs feature instrumental works for organ, clavier and chamber orchestra, cantatas, motets and a major oratorio. Distinguished guest soloists assist. The membership of the festival chorus and symphonette is selected from among members of the faculty and student body and the community. Opportunity for participation is open to all performers who can qualify.

Dramatic and Forensic Activities

Kalamazoo College is a member of the Michigan Intercollegiate Speech League, which includes the following: Michigan Intercollegiate Debate League, Michigan Intercollegiate Oratorical League, Michigan Extemporaneous Speaking League, Michigan Interpretative Reading League, and Michigan Intercollegiate Discussion. Through the M.I. S.L., affiliation is held with the Interstate Oratorical League.

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

PI KAPPA DELTA is the national honorary speech fraternity, of which Kalamazoo College has the Michigan Alpha Chapter. Eligibility is based upon the candidate's participation in a recognized intercollegiate contest in oratory or extemporaneous speaking, or in individual original speaking on two subjects; in five decision debates, or in eight non-decision debates.

THE COLLEGE PLAYERS, sponsored by the Speech Department, each year produces at least two major productions and a series of one act plays for public performance, and engages in other dramatic activities. Membership is open to any interested students, and active participation either backstage or frontstage is expected.

Student Clubs

THE ECONOMICS CLUB is composed of students who have a particular interest in current economic problems and issues, whether or not economics is their major course of study. The monthly meetings consist of addresses by representatives of various specialized fields and general discussion on the speaker's topic. Tours of local industries and other points of interest are sponsored by the club.

THE GERMAN CLUB, organized in the spring of 1952, is open to students who are studying German and would like to apply their knowledge in a congenial atmosphere. Meetings are held once a month.

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 those students who are particularly interested in matters of international importance. The members hold meetings monthly.

THE K CLUB is composed of all 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.

KAPPA DELTA CHI, organized in the spring of 1941, is open to students who are preparing for the Christian ministry or some other full-time Christian vocation. Its purpose is summarized in the three words: fellowship, study, and service.

LE CERCLE FRANCAIS, organized in 1942, is open to students who, having had one year of college French or its equivalent, are interested in using the French language as a

means of social intercourse and in participating in the planning and presentation of programs in that language. Meetings are held once a month.

THE PSYCHOLOGY CLUB, organized in 1952, is open to students who are majors in psychology. The purpose of the organization is to advance the science of psychology and to encourage, stimulate, and maintain interest and scholarship in the field of psychology. Meetings are held once each month.

THE SPANISH CLUB, organized in the fall of 1947, is open to students who are interested in using the Spanish language as a means of social intercourse and in participating in the planning and presentation of programs in that language. Meetings are held once a month.

WJMD, the college radio station, is owned and operated by the students of the college as a campus service. Any student interested in any phase of radio work is invited to join the station staff. No previous experience in speech or radio is required for membership in the station. The station is governed by a self-propagating Board of Directors, and any student having two or more semesters on the station staff shall be eligible for membership to the Board upon election by the Board members. Each member of the Board is expected to take some position of major responsibility. The station operates by carrier current, and broadcasts to the college dormitories.

Student Publications

THE KALAMAZOO COLLEGE INDEX is a weekly paper published by the student body under the direct management of an elected board of editors working under the Board of Student Publications, which is a joint committee of student and faculty representatives. The editor-in-chief and the business manager receive financial remuneration for their work.

THE BOILING POT is the name of the college annual and is published by the student body.

Athletics

The College is a member of the Michigan Intercollegiate Athletic Association and competes in football, cross country, basketball, track, tennis, golf, and baseball.

Kalamazoo College regards athletics as an integral part of a well-balanced program of physical education. They are conducted as a part of the broad program and not as a segregated unit. Intercollegiate sports help to promote better school spirit, aid in the development of sound physical and mental health, and make a significant contribution toward better citizenship. These contests are regulated by the Department of Physical Education, subject to the approval of the Faculty Committee on Athletics. Rules of eligibility are determined by the MIAA Conference, and students must maintain a satisfactory level in college work to participate in intercollegiate athletics.

THE HAROLD S. GARRISON TROPHY, presented in 1946 for the most valuable basketball player.

THE EDWIN G. GEMRICH PLAQUE, presented in 1955 for the most valuable man in track and field.

THE H. COLIN HACKNEY PLAQUE, presented by Mrs. H. Colin Hackney in 1954 in memory of her husband, class of 1930, for the winners of the Kalamazoo College Athletic Association Medal.

THE "K" CLUB TROPHY, presented by the Alumni "K" Club in 1951 for the most valuable football player.

THE CLARK W. MACKENZIE PLAQUE, presented in 1954 for the most improved football player.

THE WOMEN'S RECREATION ASSOCIATION is an organization which provides wholesome recreational opportunities for all women students. All women are members; however, active membership is gained by participating in activities, acting as sports managers, officiating games, or serving in administrative capacities. An active member may earn both individual awards and points toward a team award. At present the program includes: a fall picnic and mock track meet, speedball, tennis doubles, basketball, table tennis, volleyball,

badminton, a swimming meet, softball, archery and tennis singles. If student interest is great enough, other activities such as riding, camping trips, riflery, bowling, winter sports, golf, and modern dance may be included.

The WRA is a member of both national and state associations of the Athletic Federation of College Women and as such, shares ideas and trends with other similar college organizations through conventions and publications. The WRA participates in the spring and fall sports days of the MIAA schools. The women's tennis team is under the sponsorship of the WRA and, in addition to participating in the WMIAA Tennis Tournament, has matches with other schools.

THE MEN'S INTRAMURAL SPORTS PROGRAM is conducted under the supervision of the Department of Physical Education. Intramural sports give the opportunity for all men to enjoy not only the advantages of individual and team competition but also to assist in the organization and conduct of these contests. The emphasis is placed on voluntary competition for students of average ability. The average student is encouraged to participate with men of like ability for the fun of playing, with the emphasis not so much on winning or losing, but on how well the game is played.

The following sports are offered on the program: touch football, football field meet, volleyball, basketball, bowling, badminton, table tennis, swimming, wrestling, foul shooting, twenty-one, horseshoes, track, tennis, golf, and soft ball. Detailed information about the program may be found either in the intramural handbook.

HONORS DAY

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

PRIZES AND AWARDS

The College distributes the following awards each year to students of outstanding achievement.

Endowed Awards

THE O. M. ALLEN PRIZE, endowed to the sum of $250 by the family of Mrs. J. D. Clement, is given for the best essay written by a member of the freshman class.

THE COOPER PRIZE, endowed to the sum of $250 by the late Charles Cooper, Esq., of White Pigeon, is given to a junior or senior making the greatest contribution in speech competition.

THE LEGRAND A. COPLEY PRIZE IN FRENCH is endowed to the sum of $400. 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.

THE A. B. HODGMAN PRIZES IN TENNIS, awarded to members of the tennis squad making the greatest academic improvement.

THE WILLIAM G. HOWARD MEMORIAL FUND, endowed to the sum of $2,000, one-half of the interest on which is applied to prizes in political science and economics, while the other half is used toward the professorship in political science, is endowed by Harry C. Howard in memory of his father, William G. Howard, B.S., 1867, for many years a trustee of the College. One prize is awarded for excellence in any year's work in political science. One prize is awarded to that member of the graduating class who has done the best work in a major in economics.

THE WINIFRED PEAKE JONES PRIZE, endowed to the sum of $400 by the late Mr. W. O. Jones, is given for excellence in the first year's work in biology.

KALAMAZOO COLLEGE ATHLETIC ASSOCIATION MEDAL. To encourage a high standard of excellence in scholarship and athletics, a gold medal is awarded to that man of the senior class who in the opinion of the faculty has most successfully combined high scholarship with athletic prowess during his four years in college.

THE KURTZ-BENNETT PRIZE, endowed to the sum of $1,369 by Dr. Charles J. Kurtz, '94, for the freshman showing most academic progress.

THE SHERWOOD PRIZE, endowed to the sum of $250 by the late Reverend Adiel Sherwood, D.D., of St. Louis, is given for the best delivery of an original oration by a member of a Speech 11 class.

THE LEMUEL F. SMITH AWARD, established by an alumnus in 1944, is endowed to the sum of $500. This annual award, consisting of one year's membership and subscription to one of the journals of the American Chemical Society, is given to the major in chemistry having at the end of the junior year the highest average standing in courses taken in chemistry, physics, and mathematics.

MARY CLIFFORD STETSON PRIZE. The late President Stetson provided for a gift of $1,056 to Kalamazoo College to endow an annual prize to be given for excellence in English essay writing by a senior. The prize is known as the Mary Clifford Stetson Prize established by her husband, Dr. Herbert Lee Stetson, in her honor.

THE STONE PRIZE is endowed to the sum of $500. On account of a gift to the College from the Sarah Messer Thurston estate, the trustees have established on 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.

THE CLARK BENEDICT WILLIAMS PRIZE IN MATHEMATICS, endowed to the sum of $750 by the mathematics majors in the class of 1923, is awarded to that member of the graduating class, who, having completed with excellence at least twenty-four hours in mathematics, has made the best record in mathematics and the allied sciences.

Unendowed Awards

THE JAMES BIRD BALCH PRIZE IN AMERICAN HISTORY, offered by the Hon. J. B. Balch, is awarded to that member of the graduating class who has done the best work in the field of American history.

THE COOPER PRIZE IN PHYSICS, offered by Mr. Bert H. Cooper, is given for excellence in the first year's work in physics.

THE FLORENCE E. GRANT AWARD, offered by Frances C. Allen, is given to the senior woman who has best combined academic achievement with participation in campus activities and has contributed most significantly to the life of the college community.

THE HAMMOND PRIZE IN PHILOSOPHY, offered by Mrs. Lee Hammond, is awarded on the basis of excellence of work to that member of the graduating class who has taken at least a minor in philosophy and has been been a member of the philosophy seminar for at least two semesters.

THE HODGE PRIZE IN PHILOSOPHY, established in memory of the Reverend Marvin G. Hodge, D.D., is awarded to that member of the graduating class who, having taken at least a minor in philosophy, has the highest standing in this field.

THE JOHN WESLEY HORNBECK PRIZE IN PHYSICS, offered by Gerald H. Allen to the two students with highest achievement for the year's work in advanced physics toward a major.

THE JAMES HOSKING MEMORIAL PRIZE. In the memory of James Hosking, class of 1933, an annual prize has been established by his family for the student who writes the best essay on some aspect of contemporary international politics. Papers submitted will be expected to demonstrate some awareness of the historical and philosophical implications of the subject matter. Literary effectiveness will be considered a factor in the selection of the prize essays.

THE OAKLEY PRIZE, offered by Mrs. C. W. Oakley, is awarded to that member of the graduating class who has the highest record for the entire college course.

THE TODD CHEMISTRY PRIZE, established by the late Albert M. Todd, is given for excellence in the first year's work in chemistry.

THE TODD SOCIOLOGICAL PRIZE, established by the late Albert M. Todd, is given for excellence in work in sociology in the junior year.

THE UPJOHN AWARD IN CHEMISTRY, conferred upon a graduating senior for excellence in chemistry.

Administration of the Curriculum

REGISTRATION AND ELECTION OF STUDIES

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

Registration of students for the first semester will occur on Thursday, September 22, 1955, and for the second semester on February 7, 1956. A fee of $1 per day up to $5 is charged for the late registration.

Changes in elections may be made with the approval of the faculty counselor anytime before the end of the second week of a semester. After the second week, changes are permitted only upon the recommendation of the faculty counselor and the approval of the Personnel Committee. A student may withdraw from a course during the first six weeks of a semester without jeopardizing his standing. Withdrawal from a course after the sixth week is recorded with the standing of W or WF except by special action of the Personnel Committee.

No credit is recorded for any course not properly elected.

Students may not elect less than fourteen or more than seventeen hours of work without the approval of the Personnel Committee. Fifteen hours is considered a full load for the average student. No student who received a grade of E, F or I in any course the previous semester is permitted to elect more than seventeen hours of work. No student is permitted to elect more than nineteen hours of work.

ATTENDANCE AND CONDUCT

Students are expected to be present at all regular class or laboratory sessions of courses in which they are enrolled.

Class absences may be granted by the Deans on condition of illness, participation in officially recognized college activities, and extraordinary circumstances. A maximum tolerance of unexcused absences is a total equivalent to the number of meetings of the course per week. Any student who accumulates unexcused absences beyond the number of meetings of the class per week may be dropped from the class and failed. Unexcused absences immediately before and following vacations are considered double absences.

The College reserves the right to dismiss any student who does not maintain a reasonable standard of work or who does not maintain high standards of personal conduct. Social regulations do not permit the use of alcoholic beverages or gambling on the campus.

EXAMINATIONS

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

Supplemental examinations for students with standing E are held twice during the college year, on the first Wednesday in October of the fall semester, and on the last Wednesday in April — October 5, 1955, and April 26, 1956. These examinations are given at 1:30 p.m., and are in charge of a proctor appointed by the Dean.

STANDINGS

The student's standing is found by combining the examination, class, and laboratory records. Every student receives a report card at the end of each semester on which the standing is expressed by the letters, A, B, C, D, E, F, I, W, and WF. A signifies a high standing; B, good; C, average; D, passing; E, condition; F, failure; I, incomplete; W, course

dropped during the first six weeks of a semester, or after that with passing grade; and WF, course dropped after the first six weeks with failing grade. A grade gives four quality points per credit hour; B, three; C, two; D, one; and F or WF, none. A grade of W is not included in calculating the standing.

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 examination is taken, 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. On request, grade reports are sent to the schools in which the students were prepared.

PROBATION. A student is placed on probation by the Personnel Committee when his grades for any semester fall below a C average. To regain satisfactory standing, a student must secure at least a C average for all his work in the succeeding semester. Failure to achieve this C average in the succeeding semester may result in a request from the Committee that the student withdraw from the College because of poor scholarship.

TRANSCRIPTS. Each student is entitled to one transcript of his record free of charge. Additional copies are supplied at a cost of one dollar each. When asking for a transcript, the student should give his full name and the dates of attendance.

HONORS

HONORS FOR THE YEAR. Students who have completed at least twenty-eight hours of work, including the required

work, for each year of residence are eligible. Honors for the year are awarded to eligible students if they have earned 3.5 quality points per hour for the work of the year.

High honors for the year are awarded to eligible students who have earned 3.75 quality points per hour for the work of the year.

HONORS FOR THE COURSE. Graduating seniors, including those who have transferred from other institutions, are eligible.

Honors for the course are awarded to those students who have earned an average of 3.5 quality points per semester hour for the whole college course. For students entering with advanced standing from other colleges, however, quality points are computed both on the work at Kalamazoo College and also on the total work taken, the lower of the two averages being used to determine eligibility for honors.

High honors for the course are awarded to eligible students who have attained a quality-point average of 3.75.

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 IN A MAJOR. Honors in a major are awarded on the basis of successful completion of an approved course of study and a comprehensive examination covering all the work included in the major. Details of the plan are as follows:

1. A student who plans to work for honors in a major must declare his intention not later than the beginning of his senior year and preferably at the beginning of his junior year.

2. He must have at least a B average for his entire course up to the date of his application to work for honors, and this application must be approved and signed by his counselor in the major department or field. The program for his honors work must be submitted to the Committee on Honors before the end of the second week of the semester. Upon approval the student is designated as "reading for honors" and a copy of his program is filed by the Committee.

3. Reading for honors includes any or all of the following features, in addition to regular course work: individualized courses, seminars, independent reading and study, frequent conferences with the major counselor.

4. As the objective for the student is comprehensive knowledge and understanding within a department or field of study, honors work includes material not covered in regular courses, and its success is measured by the extent to which the student has mastered the area of his major and by the richness and range and understanding in that area.

5. An average of 3.5 quality points per hour for all courses taken in the major up to the middle of the senior year is a prerequisite for admission to the comprehensive honors examination. The written portion of this examination is given on the Tuesday following the third Monday before Commencement — May 17, 1955. The oral examination is held during the same week. At the discretion of the instructors involved, examiners who are not members of the college faculty may be invited to assist with the oral examination. For the written examination the principle of using examinations that are national in scope is endorsed. The use of the Graduate Record Examinations is recommended in certain fields of concentration.

6. In order to provide an opportunity for uninterrupted study, an honors student may, with the consent of his counselor, be excused from class attendance in his major for one week before the comprehensive examinations.

7. Academic credit of not less than four hours and not more than six hours is allowed for the additional work done for Honors in a Major. For the records such work is designated as 195 or 196.

8. The fact that a student is graduated with honors in the major is noted on the commencement program and in the college catalogue for the following year.

SOPHOMORE, JUNIOR AND SENIOR HONOR LISTS. Any student who ranks in the upper tenth of his college class for all previous work is recognized for high scholastic achievement, and his name is placed on his class honor list. He is recognized in the Honors Day Chapel, and his name is printed in the Honors Day program. His name is starred in the catalogue roster of students.

Requirements for Graduation

THE COURSE OF STUDY

The course of studies leading to the degree of Bachelor of Arts is designed to give the student a general understanding of the major divisions of the curriculum and to provide for a considerable measure of concentration in one department or field of study. The major divisions, in addition to the Department of Physical Education, include Division I, Languages and Literature (English, French, German, Spanish, speech); Division II, Natural Sciences and Mathematics (biology, chemistry, physics, mathematics); Division III, Humanities (art, music, philosophy, religion); Division IV, Social Sciences (economics, history, political science, psychology, sociology, education).

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

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

REQUIREMENTS FOR THE BACHELOR'S DEGREE

1. All candidates for the degree of Bachelor of Arts must complete 120 semester hours of academic work with a C average in the total work taken, and must not have more than 15 semester hours of F. In addition, the following requirements must be met:

a. Six semester hours in English composition and rhetoric. This requirement is ordinarily met by English 1 and 2, which are taken in the freshman year. Students who make sufficiently high scores on the English placement tests may be advised to substitute advanced courses in English. Students who do not make satisfactory scores on the tests are required to complete additional assignments in English, and are advised to fulfill this requirement before taking a foreign language.

b. Six semester hours in literature in English or in a foreign language. However, a student with a major concentration in Division II, and with two semsters of satisfactory work in each of three departments of that Division, may elect two semesters of a foreign language instead of English literature.

c. Two semester hours in Speech 11 for all students who do not present for admission at least one unit in Speech. This requirement should be met before the beginning of the junior year.

d. One year of a foreign language for all students who present two or more units of one foreign language for admission. Those who expect to take intermediate or advanced courses in that language must qualify by means of placement tests. Those who do not qualify must take both the elementary and intermediate courses in that language or the elementary courses in another foreign language. Students who do not present two or more units in one foreign language for admission must take two years of foreign language, which may be the elementary and intermediate courses in the same foreign language, or the

elementary courses in each of two foreign languages. Students are urged to complete the foreign language requirements before the beginning of the senior year.

Students from abroad with a mother tongue other than English are not required to take a foreign language.

e. One year's work of at least eight semester hours in one laboratory science in Division II.

f. Nine semester hours in Division III at least six of which must be taken in the Departments of Philosophy and/or Religion. However, a student with a major concentration in Division II, and with two semesters of satisfactory work in each of three departments of that Division, is required to take only six semester hours in Division III, these in the Departments of Philosophy and/or Religion.

g. Twelve semester hours in theoretical and historical courses in at least two departments of Division IV. However, a student with a major concentration in Division II, and with two semesters of satisfactory work in each of three departments of that Division, is required to take only six semester hours in theoretical and historical courses in Division IV.

h. A major of not less than 24 semester hours in one department with a minimum grade of C in each course so included, and extending over at least four semesters. A minimum of eighty semester hours must be taken outside the department of the major. The department of the major may require certain cognate courses from other departments. The major and the cognates make a concentration.

i. Students preparing to teach in the public schools must have, in addition to the 24 semester hours in the department of the major, at least 15 semester hours as teaching minors in each of two other departments, and must fulfill all other requirements of the Department of Education.

2. All candidates for the Bachelor's degree must complete the Sophomore Testing Program, which is administered in March. Sophomores must meet this requirement before attaining junior standing. Transfer students with junior or senior standing must take the test as an entrance requirement.

An English test is a part of this program. It serves as a measure of the student's ability to use correct English. Anyone who does not attain satisfactory scores on the English test, in order to become a candidate for the degree, must undertake appropriate remedial work under the direction of of the English Department and demonstrate through standardized tests that he has made the necessary improvement.

3. A non-credit course in physical education for each of four semesters is required. All freshmen and sophomores must register for the course.

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

5. All candidates for the Bachelor's degree are required to earn in residence at least thirty semester hours with a C average and, with the exceptions stated below, to spend their final two semesters at Kalamazoo College:

a. Students taking the combined curriculum in Engineering as approved by the faculty.

b. Students who at the end of their last semester lack not more than nine semester hours of completing the requirements for the degree may, by special arrangement, be permitted to complete their requirements in an approved institution of collegiate rank.

6. All members of the graduating class are expected to attend both the Baccalaureate and the Commencement exercises.

GRADUATE STUDY

Kalamazoo College offers work leading to the degree of Master of Arts or Master of Science to qualified students in

certain fields of study. Graduate work is carried on only in those fields in which adequate library and laboratory facilities are available. The Bureau of Municipal Research, the Institute of Government, the W. E. Upjohn Institute for Community Research, the Upjohn library and laboratories, and the Kalamazoo State Hospital provide special facilities for students desiring to do graduate work at the College. A student desiring to undertake graduate work should consult the head of the department in which he desires to study. Graduate students pay the same fees as undergraduates during the first year in residence. If further time is required to earn the degree, a reduced rate may be arranged.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. A candidate for the Master's degree must be a graduate of the College or of another college in good standing, and must have a major of undergraduate work in the proposed field of study. In addition, the candidate must satisfy the Committee on Graduate Work that he has the necessary ability and background to do graduate work.

2. The candidate must complete at least one full year of resident graduate work of high quality.

3. The proposed course of study for the Master's degree must be submitted to the Committee on Graduate Work for approval within the first two weeks of the college year.

4. A thesis or research report is required. The completed thesis must be approved by the department concerned not later than May 20th, and one bound copy must be presented to the college library before the degree is conferred.

5. The candidate must pass a satisfactory oral examination on his course of study. This examination is conducted by the major instructor and at least two qualified assistants.

The Curriculum

The academic offerings of the College include four major divisions in addition to the Department of Physical Education, as follows:

I. LANGUAGES AND LITERATURE
English, French, German, Spanish, Speech.

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

III. HUMANITIES
Art, Music, Philosophy, Religion.

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

As there is often a close relationship between departments of instruction in different divisions, the College permits work in certain courses to be credited to either of two divisions at the option of the student.

Courses are numbered as follows: 1 to 50 for courses primarily for freshmen; 51 to 100 for courses primarily for sophomores; 101 to 174 for courses for juniors and seniors; 175 to 190 for seminar courses; 191 to 200 for individualized courses; and 201 and above for graduate courses. Odd-numbered courses are given in the first semester; even-numbered courses are given in the second semester.

Courses offered on alternate years, are so designated by notation indicating their status for the year 1955-56.

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

ART

MR. WASKOWSKY, CHMN.

The objectives of the Art Department are twofold: one, to cultivate an appreciation of the fine arts as part of the liberal arts ideal; two, to provide an adequate background for students majoring in art and desiring to continue their specialization in art at a higher institution or professional school of fine arts.

Introductory courses in art are given to develop interest and understanding of the visual arts through the study of the history and practice of art. After completion of the introductory courses, the student with more than a cultural interest in art may elect to take a planned sequence of study, majoring either in art history or the theory and practice of art, and leading to a Bachelor of Arts degree in art. Students will be given assistance in selecting the specialized fields of art for which their individual abilities best qualify.

The Art Department is associated with the Kalamazoo Institute of Art. Under this arrangement, art instruction and other resources of the Institute are available to the regular college students and supplement the college art program.

History of Art

5. Introduction to Study of Visual Arts.

A course primarily designed to develop appreciation and understanding of architecture, sculpture, and painting by acquainting the student with the artist's vision, tools, materials; the nomenclature of the arts; the terminology of art criticism; and by analyzing works of art in terms of their structural and aesthetic content. Three hours, first semester.

6. Ancient Art.

A study of Prehistoric, Egyptian, Mesopotanian, Minoan, Greek, and Roman art. Three hours, second semester.

51. Medieval Art.

A study of the art and iconography of the Early Christian, Romanesque, and Gothic periods. Offered 1955-56. Three hours, first semester.

52. Modern Art.

A study of architecture, sculpture, and painting from the French Revolution to the present day. Three hours, second semester.

55. Renaissance and Baroque Art.

A study of the development of architecture, sculpture, and painting of the 14, 15, 16, and 17th centuries in Europe. A comparative analysis is made of the concepts of form and space of the Renaissance and Baroque epochs. Not offered 1955-56. Three hours, first semester.

Theory and Practice of Art

3. Introduction to Practice of Art.

A basic practice course in artistic expression which requires no previous experience in art. The objective is to encourage an understanding of the problems of drawing and painting by creative expression, and at the same time developing technical skill in the use of a variety of media. A prerequisite to all other courses in the practice of art. Three hours, first semester.

4. Practice of Art II.

A continuation of the introductory course in practice of art, with a greater emphasis stressed upon composition and the formal elements of drawing and painting — form, line, color, texture, movement, etc. Study of art techniques and fundamentals through analysis and practice. Three hours, second semester.

53, 54. Basic Design.

Study of form, line, color, and texture in three dimensional and flat pattern design in all the fields of fine art. Design as the basic factor in creative work. Students work with a variety of materials and technical methods including block printing, modeling in clay, batik, silk screen, etc. Three hours throughout the year.

57, 58. Art Education.

A study of the child's creative and mental growth through art education. Attention is focused on the various levels of child growth and development and the means by which progress might be stimulated and achieved. The student is required to participate in studio classes in creative art and in weekly seminars to examine the underlying principles and techniques of art education. In addition to this, the student is required to practice the teaching of art in the college experimental workshop in art for children of all ages. Three hours throughout the year.

101, 102. Oil Painting I.

Introduction to the materials and techniques of oil painting. Problems in still life, portrait, and landscape painting. Prerequisite, courses 3, 4, 53, 54. Three hours throughout the year.

103, 104. Sculpture and Three Dimensional Design.

Introduction to the materials and techniques employed in the practice of sculpture and three dimensional design. Prerequisite, courses 3, 4, 53, 54. Three hours throughout the year.

105, 106. Advanced Design.

Special problems in all aspects of two dimensional design. Three hours throughout the year.

107, 108. Advanced Painting.

Special problems in personal creative expression and the techniques of painting. Three hours throughout the year.

191, 192. Individualized Course in Art.

This is a special course intended to meet the needs of qualified students in the department. Hours and credit to be arranged.

BIOLOGY

Miss Diebold, Chmn.; Mr. Batts

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

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

3, 4. General Biology.

This course is planned to acquaint the student, regardless of his intended academic major, with the world of life about us. It is an introduction to the study of plant and animal organisms, including man. During the first semester special attention is given to the interrelationships existing among the invertebrates. In the second semester emphasis is on the vertebrates. Three lectures, and laboratory two consecutive hours twice a week. Four hours throughout the year.

55, 56. General Botany.

How plants live and reproduce, and the structures involved. A comparative study is made of both the simpler and higher plants with a view of their evolutionary relationships. Two lectures, and laboratory two consecutive hours once a week. Three hours throughout the year.

57. Introduction to Ecology.

A study of plant and animal life in relation to various natural habitats. This course is designed to illustrate principles of interrelationships between the living organism and its physical and biotic environments. Two hours, first semester.

58. Ornithology.

A study of the identification, songs, migration, and classification of birds in general, with emphasis upon the food and nesting habits of our native species. Occasional lectures, mainly field work. No prerequisite, but election is subject to the approval of the instructor. Two hours, second semester.

105. Vertebrate Anatomy.

A comparative study of typical backboned animals for the purpose of revealing the structure and physiology of the human body. Lectures open to upper classmen for two hours' credit by permission of instructor. Two lectures, and laboratory two consecutive hours twice a week. Four hours, first semester.

106. Vertebrate Embryology.

A study of the development of the individual from the origin of the germ cells to the adult condition. Lectures open to upperclassmen for two hours' credit by permission of instructor. Two lectures, and laboratory two consecutive hours twice a week. Alternates with 116. Not offered 1955-56. Four hours, second semester.

109, 110. 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, each semester.

112. Evolution.

A study of the evidences for organic evolution and of the theories which have been offered to explain how it might have occurred. Alternates with 114 and 118. Two hours, second semester.

113, 114. General Endocrinology.

The biology of hormones and the ductless glands. A study is made of the structure, physiology, and interrelations of the

organs of internal secretion. Alternates with 112 and 118. Offered 1955-56. Two hours, each semester.

116. Animal Histology and Microtechnique.

A study of the minute structure of animals. Training in the preparation of materials. One lecture, and laboratory two consecutive hours twice a week. Alternates with 106. Offered 1955-56. Three hours, second semester.

117. Anthropology. (See Sociology 63.)

118. Comparative Neurology. (Psychology 118.)

A study of the anatomy and physiology of the central nervous system and sense organs. Dissection is made of representative vertebrate brains and of the special sensory structures. Prerequisite, Biology 3, 4 or Psychology 51. Two lectures, and laboratory two consecutive hours once a week. Alternates with 112 and 114. Offered 1955-56. Three hours, second semester.

175, 176. Biology Seminar.

A study of recent biological literature. One hour, each semester.

177, 178. Natural History Seminar.

Discussions on plants, animals, their interrelationships and conservation. One evening meeting each week. One hour, each semester.

191, 192. Special Courses.

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

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

CHEMISTRY

MR. STOWE, CHMN.; MRS. MYERS

Students majoring in the department with the intention of following a professional career in chemistry are advised to take

courses 3, 4; 51, 52; 55, 56; 109, 110. Seniors majoring in chemistry are urged to take either 191 or 192 for at least two hours credit particularly if they intend to study further in chemistry beyond college.

1, 2. Physical Science. (See Physics 1, 2.)

3, 4. General College Chemistry.

A thorough study of the fundamental principles of chemistry. This course is intended for all who expect to major in either chemistry or physics and pre-medical students. Three lectures and one laboratory period of three consecutive hours per week. Four hours throughout the year.

51, 52. Analytical Chemistry.

About two-thirds of the first semester is devoted to a study of qualitative anlaysis, the lectures, recitations, and problems dealing with analytical reactions from the point of view of the laws of chemical equilibrum applied to solutions of electrolytes. The laboratory work makes use of semi-micro methods in the identification of the more common positive and of a few negative ions. The balance of the first semester and all of the second are devoted to quantitative analysis. The lectures, recitations, problems and laboratory work constitute a thorough treatment of the fundamental theories and practices of gravametric and volumetric analysis. Prerequisite, course 3, 4. Three lectures and two laboratory periods of three consecutive hours per week. Five hours throughout the year.

55, 56. Organic Chemistry.

A study of the principles of organic chemistry with some applications to subjects of special interest in this field, including proteins, carbohydrates, natural and synthetic textile fibers, dyes, and plastics. Prerequisite, course 3, 4. Three lectures and one laboratory period of three consecutive hours. Four hours throughout the year.

109, 110. Physical Chemistry.

Lectures, recitations, problems, and laboratory work, introducing the student to the principal chapters of modern chemical theory. A knowledge of organic chemistry is desirable. Prerequisite, Chemistry 3, 4; 51, 52; Physics 3, 4; Mathematics 51, 52. Three lectures and one laboratory period of three consecutive hours. Four hours throughout the year.

121, 122. Industrial Laboratory Practice.

A special course given through the cooperation of The Upjohn Company of Kalamazoo and intended to afford to a limited number of students of superior ability and adequate preparation

an opportunity to obtain practical experience in an industrial chemical laboratory. The student spends one full semester and one summer vacation consecutively in a full-time laboratory position at The Upjohn Company. In addition to satisfying the requirements for holding the position, the student is required to submit to the Department of Chemistry a comprehensive written report on the work of the course at its conclusion as well as any progress reports requested by the department during the progress of the work. The course may be taken only by senior or junior students majoring in chemistry who have been selected by the department and who are acceptable to The Upjohn Company. Eight semester hours of credit.

125. Biochemistry.

A study of the application of physics and chemistry to the understanding of biological systems. The systems will be discussed in terms of their organic chemistry, osmotic equilibria, and hydrogen ion concentration and the properties of macromolecules. Prerequisite, courses 51, 52, 55, 56 or the permission of the instructor. Two lectures and one laboratory period of three consecutive hours per week. Three hours, first semester.

126. Organic Qualitative Analysis.

A systematic study of the characteristic qualitative reactions of organic substances, including the classification and identification of such compounds. Prerequisite, courses 51, 55, 56. Two lectures and two two-hour laboratory periods. Four hours, second semester.

151, 152. Advanced Chemistry.

Advanced laboratory work in analytical, organic or physical chemistry may be undertaken by properly qualified seniors majoring in chemistry by permission of the staff member directing the work. Two hours credit.

175, 176. 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.

191, 192. Individualized Courses.

These courses are intended to give the student some opportunity to do research in the field of chemistry. In consultation with one of the members of the department, a project will be assigned for a semester's work in the laboratory and library. The student will be expected to complete a thesis by the end of the semester describing the results of his laboratory work together

with a discussion of the problem in the light of his reading in the library and of his discussion with the staff member directing the work. Open only to seniors majoring in chemistry. Two hours credit except by special arrangement.

ECONOMICS AND BUSINESS ADMINISTRATION

MR. RICKARD, CHMN.; MESSRS. SMITH, COPPS, CARNEY, AND LAUGHLIN

The curriculum in this department is designed to give the student a knowledge of the fundamental principles and analytical tools of both the economic system and the business enterprise. Thereby, a sound basis exists on which the graduate may build a specialization by occupational experience or graduate school.

Most graduates who are interested in becoming professional businessmen go directly into businesses where they receive training for specialized positions in accounting, finance, personnel administration, production, selling or statistics. Some students attend graduate business schools to train for specialization in some area of interest developed during undergraduate years.

Students desiring to become professional economists in private or public institutions, for the most part, are encouraged to continue their study of economics at one of the large graduate schools.

The department administers Kalamazoo's Industrial Relations Center, a joint undertaking of Kalamazoo College and the University of Chicago. The Center offers valuable resource material for both the staff and majors, both of whom participate actively in the research and remedial programs of the Center.

1, 2. Western Social Heritage. (See History 1, 2.)

51, 52. Principles of Economics.

An analysis of the principles which have been found useful in understanding our economic system with their application to current economic problems. Major areas covered are national income determination, money and banking, distribution of income, price determination, production, foreign trade, and comparative economic systems. Required of all students majoring in the department. Suggested for freshman or sophomore year. Three hours throughout the year.

101. Intermediate Economic Theory.

An intensive study of the concepts and methods of current economic analysis, with emphasis on value and income theory. Required of all majors. Prerequisite, course 51, 52. Three hours, either semester.

102. Money and Banking.

A survey of the role of money and credit in the economic system, followed by a study of financial institutions, with particular emphasis on the Federal Reserve System and its role in monetary and fiscal policy. Prerequisite, course 51, 52. Three hours, second semester.

104. Business Cycles and Economic Stabilization.

A study of the economic forces which create alternating waves of prosperity and depression in the free-market economy, and an analysis of policy recommendations designed to stabilize economic activity. Prerequisite, course 51, 52. Three hours, second semester.

105. Principles of Accounting.

Fundamental principles of accounting; a study of business papers, journals, and ledgers; periodic adjustments and closing of the books and making statements; a practice-set of problems covering the bookkeeping cycle. Three hours, first semester.

106. Advanced Accounting.

Interpretation of financial statements; various refinements in accounting technique for a modern enterprise; special problems of partnerships, corporations, departmental accounting, taxes, and managerial aspects of accounting. Prerequisite, course 105. Three hours, second semester.

107. International Economics.

An examination of international trade theory and trade relations between the regions of the world as a basis for analyzing the current foreign economic policy of the United States. Emphasis is upon the post-Korean War plans and programs. Two hours, first semester.

108. History of Economic Thought and Economic Systems.

The thinking of the great economists, particularly of the 19th and 20th centuries, is analized with a view to giving the student an understanding of the basic economic issues and problems of Western Civilization. Capitalistic, socialistic, fascistic and communistic economies will be analized with special emphasis given to the influences that theories of the great economists have had upon their development. Prerequisite, course 51, 52. Three hours, second semester.

121, 122. Economic and Social History of the United States.

A consideration of such economic and social movements in the United States as the settlement of the west, the industrialization of the country, the rise of transportation networks, and the demand for the reform and regulation of existing business. Open

to juniors and seniors. Not offered 1955-56. Three hours throughout the year.

134. Statistics. (See Psychology 134.)

141, 142. Principles of Management.

A study of the principles which have been used by administrators in formulating plans, policies and methods of control for the business firm. The important areas of business are covered through use of the standard texts and the business resources of Kalamazoo. Three hours throughout the year.

143, 144. The Sole Proprietorship.

A study of how to organize and manage a small business. The course apprises students of the opportunities in small businesses and prepares them for careers as sole proprietors in a variety of businesses. Prerequisite course 105. Not offered 1955-56. Two hours throughout the year.

145. Administrative Practices — Human Relations in Business.

The objective is to develop insight concerning administrative attitudes and policies which may help the student become a more understanding and useful member of a business organization and society. Human relations cases which are descriptions of actual business situations are discussed by the students with a minimum of direction by the instructor or from text sources. Prerequisite, Economic major. Three hours, first semester.

146. Industrial Relations.

This course considers the human aspects of problems related to the coordination and supervision of the complex business firm. Areas included will be labor relations, public relations, personnel administration and diagnostic and remedial programs currently being developed by the Kalamazoo College-University of Chicago Industrial Relations Center. Prerequisite, Economic major. Three hours, second semester.

147. Labor Economics and Labor Movements.

Labor unions and collective bargaining are analized with special emphasis given to the effect that they have had upon business, the economy, and the welfare of the worker. The nature and economic effects of current major collective bargaining issues (guaranteed annual wages, pensions, etc.) are studied. The American labor movement and those of Great Britain, Russia, France, Germany and Scandinavia are compared in terms of their economic and political aims. Prerequisite, course 51, 52. Three hours, first semester.

148. Business Law.

A common sense consideration of the principles of law (partic-

ularly the law of contracts) and their application for the purpose of achieving such business and economic ends as (1) facilitation of transactions, (2) fair market conditions, (3) security of acquisitions, and (4) effective enforcement and commercial peace. Not offered 1955-56. Three hours, second semester.

149, 150. Investment Management.

A study of elementary problems of investment analysis concerned with such subjects as life insurance and annuity contracts, various types of securities, real estate and mortgages, taxation, legal restrictions and regulations, ratings, bond yields and valuation, statement analysis and industry, company and security analysis. Offered 1955-56. Two hours throughout the year.

152. Cost Accounting.

Concerned primarily with the development of the type of accounting information which will help management in the minimization of the manufacturing and operating costs of the business. Cost accounting systems applicable to various types of production are studied, and particular emphasis is given to standard costs as a device for cost control. Prerequisite, course 105. Not offered 1955-56. Three hours, second semester.

155. Corporation Finance.

A study of the financial organization of corporations and investment principles. The following topics will be treated: promotion, capitalization, financial policy, combinations, reorganizations, sale of securities, and investment analysis. Prerequisite, course 51, 52. Suggested for senior year. Three hours, first semester.

158. Public Finance. **(See Political Science 158.)**

181, 182. Economics Seminar.

A course intended to provide a synthesis of earlier work in the department. Students engage in independent study projects which culminate in a series of written reports. Close supervision is provided in weekly conferences with a member of the economics faculty. Required of all senior economics majors. Three hours throughout the year.

191, 192. Independent Study.

Individual research under guidance of staff; open to qualified majors. A student desiring an extra hour of credit for a two hour course may take one hour of independent study in the area of the course in question. Time to be arranged. One to three hours, either semester.

EDUCATION

MR. BODINE, CHMN.; MRS. JOHNSON, MR. COLLINS

Most of the courses in the Department of Education are designed as liberal cultural courses and, unless otherwise indicated, are open to all students whether or not they expect to teach. The work in education aims to familiarize standards with the school as a social institution, to present present trends and issues in education, and to assist students in understanding those aspects of human growth and development closely related to the educative process.

Every state requires a certificate of those who teach in its public schools. Kalamazoo College is authorized by the State of Michigan to offer work leading to the Provisional Certificate, which allows the holder to teach in Michigan for a period of five years in the subjects and at the level indicated on the certificate. Requirements for the Secondary Provisional Certificate include one academic major of at least twenty-four semester hours and two academic minors of fifteen semester hours each, in subjects that are taught in the high school (grades 7-12). The twenty hours in education required by the State are met by courses 56, 111, or 115, 120, 114, 131, and either 117 or 119 with a grade of C or better in each course in education and in the teaching fields.

Requirements for the Elementary Provisional Certificate include one academic major and two academic minors, or four academic minors, of which the equivalent of two minors must be in subjects taught in the elementary school. Education courses to be taken include 56, 111, 114, 120, 121, and 125.

Other courses required for the certificate should be worked out in consultation with the Department of Education early in the freshman year.

During the senior year, all candidates for a teacher's certificate are expected to pass a comprehensive examination in education.

1, 2. Western Social Heritage. (See History 1, 2.)

56. Educational Psychology. (Psychology 56.)

A study of the psychological principles related to learning and to the growth, development, and adjustment of the learner. Required for teacher certification. Prerequisite, as many honor points as credits. Three hours, second semester.

112. Introduction to Education.

A broad general introduction to the field of education and its various branches of service. Aims to acquaint students with the scope and opportunities in the field of education. Examines the

American school in our democratic society in relation to students, staff, community, and various social agencies. Visitation, readings, and discussion. Open to freshmen and those who may not desire to teach as well as to those working for the certificate. Offered 1955-56. Three hours, second semester.

114. History and Problems of Education.

To meet the interests and needs of those not planning to teach as well as of those working towards certification. A consideration of educational theories and practices showing the relationship between education and social, economic, political, and religious movements of their times in Europe and America. Present day leaders, movements, and problems are emphasized. Each student works on a problem of interest to him. Seniors. Others by permission of the instructor. Three hours, second semester.

115. Secondary Education.

Designed as a general course for all students interested in education whether or not they intend to teach. Examines the aims and functions of the secondary school in modern education. Organization, administration, curriculum, pupil personnel, guidance, and control are considered. Participation in some activities with adolescents in home, school, or out of school groups in the community is expected. Offered 1955-56. Three hours, first semester.

117. Educational Administration.

This course is designed to meet the needs of mature students interested in the administration of the school. A general survey of the principles of educational administration. Alternates with Education 119. Offered 1955-56. Two hours, first semester.

119. The Curriculum.

History of the development of the curriculum, present curriculum trends, methods of determining curriculum materials and organization. A general course in the nature, sources, selection and organization of materials of instruction. Alternates with Education 117. Not offered 1955-56. Two hours, first semester.

120. Principles of Teaching.

A study of various types and techniques of teaching and learning. Each student examines materials in his teaching fields as a basis for planning, organizing, presenting, and evaluating content and method. School visitations are made. Students are encouraged to participate in community activities designed for the welfare of children and youth. Prerequisite, course 56 and as many honor points as hours of credit. Four hours, either semester. Required of candidates for the certificate.

121. Psychology of Reading.

To be taken at Western Michigan College of Education (Cat. No. 212). A summary of the results of the scientific studies made in the field of reading with suggestions as to the bearing of these studies upon the materials on methods of teaching. Three hours.

123. The Elementary School.

Considers the elementary school and its program. Not offered 1955-56. Three hours, one semester.

125. Science and Art of Teaching in the Elementary School.

Designed for candidates for the elementary certificate who can arrange a twelve hour block program of unified study in education. Its purpose is to integrate the work in professional education and to make possible more direct participation in actual school situations in the community. The block includes: (a) Laboratory in elementary education, four hours, and (b) Directed Teaching in the elementary school, eight hours. Seniors. Twelve hours credit. To be taken at W.M.C.E. (Cat. No. 370A and 370B.)

131. Directed Teaching in the Secondary School.

Seniors recommended by their major professor, approved by the city Director of Secondary Education and the college Director of Practice, may be admitted to the Kalamazoo schools for five semester (90 clock) hours of directed teaching, provided they give evidence of high standards of general competence as persons and in their subject field. Students thus admitted are expected to participate in any school activity which the directing teacher may suggest, such as curriculum conferences, the parent-teacher association, remedial and tutorial work, guidance, case studies, clubs, homeroom activities, home visitations, and extra-curricular activities. Conferences are held with the co-directing teacher. A seminar is held each Tuesday from four to six o'clock with the Director of Practice. Students are urged to carry a light academic and social program during the semester in which they elect this course. Prerequisite, as many honor points as credit hours. Five hours credit. Required for certification.

133. Directed Teaching in the Elementary School.

Five hours. Not offered 1955-56.

134. Statistics. **(See Psychology 134.)**

191, 192. Special Courses.

These are designed to meet the needs of seniors who expect to teach. Hours and credits to be arranged.

Special methods courses are listed in the various departments in which they are given. They may be credited in Education if the student so desires.

ENGLISH

MR. WARING, CHMN.; MR. BARRETT, MR. HARRIS, MRS. BALCH AND MR. THOMAS

I. Literature

A major in English literature consists of courses 125, 126, 127, 128, twelve hours of elective courses in the department, and such collateral courses as may be assigned.

1, 2. Freshman English.

A study of the fundamentals of reading and writing. Three hours throughout the year.

53, 54. Introduction to Literature.

A survey of the great literary works which mark the renaissance, the reformation, and the age of reason. This course is recommended to the general student. Offered 1955-56. Three hours throughout the year.

61. Advanced Composition.

Practice in clear and effective exposition for students who expect to use writing in their professions. Offered 1955-56. Three hours, first semester.

62. Creative Writing.

Practice in creative writing and critical reading. Prerequisite, English 61. Offered 1955-56. Three hours, second semester.

103, 104. Shakespeare.

A study of the dramas of Shakespeare. Alternates with 105, 106. Not offered 1955-56. Three hours throughout the year.

105, 106. American Literature.

A survey of American literature. Alternates with 103, 104. Offered 1955-56. Three hours throughout the year.

111. The English Novel.

A study of the English novel. Alternates with 123. Offered 1955-56. Three hours, first semester.

114. Modern Drama.

A study of American and European drama from Ibsen to the present time. Alternates with 120. Not offered 1955-56. Three hours, second semester.

120. Modern Poetry.

A study of English and American poetry since 1890. Alternates with 114. Offered 1955-56. Three hours, second semester.

122. Non-Dramatic Prose.

A study of the development of English prose. Alternates with 120. Not offered 1955-56. Three hours, first semester.

123. Literary Criticism.

The study and practice of literary criticism. Alternates with 111. Not offered 1955-56. Three hours, first semester.

125, 126. English Literature I.

A study of English literature from Beowulf to the restoration. Alternates with 127, 128. Not offered 1955-56. Three hours throughout the year.

127, 128. English Literature II.

A study of English literature from the restoration to the present. Alternates with English 125, 126. Offered 1955-56. Three hours throughout the year.

171. Introduction to Linguistic Science.

For majors in English, French, German, Spanish and Speech. Three hours, first semester.

191, 192. Individualized Courses.

Designed to meet the needs of students standing for Honors in English.

II. Speech

A major in speech consists of courses 11, 12, 117, 118, 127, 140; one sequence selected from 123, 124; 127, 128; 131, 132; 191, 192; and at least four additional hours in the department.

A teaching major must include 123, 124, two hours of 191, plus the required courses in education.

A program of extra-curricular speech activities is provided for students who are interested in theatre, radio, oratory, discussion, debate, extemporaneous speaking, and interpretation, without credit.

11. Basic Speech.

Required of all students who are not credited with one year of speech on their high school transcripts. Understanding of the function and principles of effective oral communication. Practice and analysis of individual performance. Suggestions for improvement with the purpose of developing in each student the ability both to speak and to listen with effectiveness. (To be taken before the end of the sophomore year.) Two hours, each semester.

12. Basic Speech.

Elective. Study and practice in extemporaneous presentation of types of speaking with particular emphasis on organization

of material, oral language techniques, and an understanding of audience. Prerequisite, Basic Speech 11. Three hours, each semester.

117, 118. Interpretative Speech.

A study of the principles of effective oral reading; training in the development of mental and emotional responsiveness to the meaning of literature and in the communication of this appreciation to an audience; guidance in the evaluation of good literature as material for public reading; extensive practice in reading both prose and poetry. Prerequisite, course 11, 12; 117 prerequisite for 118. Two hours throughout the year.

123, 124. Theatre Arts.

A survey of the development of the theatre, aesthetics of the theatre, theories of production, acting techniques primarily from the point of view of the teacher, director of school, church, or community theatre. Laboratory participation of principles. Not open to freshmen. Prerequisite, Speech 11, 12. Three hours throughout the year.

127, 128. Persuasive Speaking.

A study of the influencing of human behavior by means of the spoken word through the various forms of platform address, with practice in preparation and delivery. A study of the types of audiences, sources of belief, and nature of response; methods of adapting the spoken appeal to the mental state of the audience, of securing and holding attention, of arousing interest, and winning response. Prerequisite, course 11, 12; 127 is a prerequisite for 128. Three hours throughout the year.

131. Group Thinking and Public Discussion.

A study of the principles, methods, and types of group discussion with an application to contemporary problems of national interest; practice in organizing, conducting, and leading round table, panel, and forum discussions. Three hours, first semester.

132. Argumentation and Debate.

A study of the principles of argument, with attention given to the use of evidence, reasoning, briefing, and delivery in public speech and contest debate. Considerable platform practice. Offered 1955-56. Three hours, second semester.

140. Voice Science.

Specific training and practice designed to perfect the functioning of the speaking mechanism and to give the individual con-

trol over it. Exercises for flexibility, reasonance, range, breathing, relief from tension, articulation, and enunciation. A study of physical, physiological, and psychological bases underlying phonation. Not offered 1955-56. Three hours, second semester.

150. Advanced Argumentation and Debate.

Two hours' credit will be given college debaters who debate inter-collegiate debates the second year and have taken courses 131 and 132.

189. Teaching of Speech.

Speech or English majors who plan to teach speech may take 189 in their senior year. Prerequisite, speech major or minor. Two hours, first semester.

191, 192. Speech Seminar.

An intensive approach to the actual problems of the various forms of speaking, designed for highly qualified students. This course is graduated to permit the student to secure from one to four hours' credit. Special study is given in the various areas of speech interpretation, radio, public address and drama. Prerequisite, minor or major in the department and consent of the instructor.

FOREIGN LANGUAGES

MR. OLMSTED, CHMN.; MR. DUNSMORE, MR. BOYD-BOWMAN, MISS MAYER, MRS. MILLS, MRS. DALE

Concerning foreign language requirements for graduation, see "Requirements for the Bachelor's Degree." Courses 1, 2 do not count toward a major. A major in a foreign language consists of a minimum of sixteen hours in courses numbered above 4.

French

1, 2. Elementary French.

Grammar, selected readings, written and oral practice. Four hours throughout the year.

3, 4. Intermediate French.

Grammar review, intensive and extensive reading, written and oral practice. Prerequisite, course 2 or equivalent. Four hours throughout the year.

51, 52. French Composition and Conversation.

Practice in written and oral expression, grammar, discussions, reports. Prerequisite, course 4 or equivalent. Two hours, either semester or both.

53, 54. Introduction to French Literature.

Reading and interpretation of outstanding short stories, dramas, novels, poems. Outline of historical background and literary movements. Prerequisite, course 4 or equivalent. Three hours, either semester or both.

101, 102. French Novel.

Study of the development of the novel. Representative novels are read and interpreted. Prerequisite, courses 53, 54. Given every other year, alternating with courses 103, 104. Three hours, either semester or both.

103, 104. French Drama.

Study of the development of the drama. Representative dramas are read and interpreted. Prerequisite, courses 53, 54. Given every other year, alternating with courses 101, 102. Three hours, either semester or both.

191, 192. Individualized Courses in French.

Offered to advanced students as need arises.

German

1, 2. Elementary German.

Grammar, selected readings, written and oral practice. Four hours throughout the year.

3, 4. Intermediate German.

Grammar review, intensive and extensive reading, written and oral practice. Prerequisite, course 2 or equivalent. Four hours throughout the year.

21. German Readings or Conversation-Composition.

General reading course or conversation-composition with a view to increasing vocabulary and linguistic proficiency. Prerequisite, with or after German 3. Two hours, first semester.

32. German Conversation-Composition or Readings.

Similar to 21 with emphasis on special needs. Prerequisite, with or after German 4. Two hours, second semester.

55, 56. Modern German Literature.

Reading and interpretation of selected works by representative modern authors. Prerequisite, course 4 or equivalent. Three hours, either semester or both.

97, 98. Scientific German.

Intensive reading and translation of selected German texts on the natural sciences, including medicine. Emphasis is placed on constructions and modes of expression usually employed in

German scientific writings. Prerequisite, course 4 or equivalent. Not offered 1955-56. Two hours throughout the year.

121, 122. History of German Literature.

A survey of German literature. Reading of eighteenth and nineteenth century classics. Prerequisite, courses 55, 56. Three hours, either semester or both.

191, 192. Individualized Courses in German.

Offered to advanced students as need arises.

Greek

1, 2. Elementary Greek.

The essentials of grammar and vocabulary; selections from Greek prose writers and the New Testament. Given in alternate years. Not offered 1955-56. Four hours throughout the year.

3, 4. Intermediate Greek.

Readings in classical and New Testament Greek. The selections read are determined by the interest and ability of the class. Given in alternate years. Offered 1955-56. Four hours throughout the year.

Latin

3, 4. Intermediate Latin.

Extensive reading, composition, review of grammatical principles. The reading is chosen from the classics. Four hours throughout the year.

Russian

1, 2, Elementary Russian.

The essentials of grammar and vocabulary. Four hours throughout the year.

Spanish

1, 2. Elementary Spanish.

Grammar, selected readings, written and oral practice. Four hours throughout the year.

3, 4. Intermediate Spanish.

Grammar review, intensive and extensive reading, written and oral practice. Prerequisite, course 2 or equivalent. Four hours throughout the year.

51, 52. Spanish Composition and Conversation.

Practice in written and oral expression, grammar, discussions, reports. Prerequisite, course 4 or equivalent. Two hours, either semester or both.

53, 54. History of Spanish Literature and Civilization.

Given partly in Spanish. Prerequisite, course 4 or equivalent. Three hours, either semester or both.

90. Spanish Commercial Correspondence.

Study of epistolary forms. Reading and composing of modern business letters. Prerequisite, course 4 or equivalent (or course 3 by special permission).

93, 94, Spanish American Literature.

Reading and interpretation of varied selections from all periods. Prerequisite, course 4 or equivalent. Three hours, either semester or both.

131, 132. Spanish Classics.

Reading from the Golden Age and before. Prerequisite, six hours above 4. Two or three hours, either semester or both.

191, 192. Individualized Courses in Spanish.

Offered to advanced students as need arises.

Linguistics

171. Introduction to Linguistic Science.

For majors in English, French, German, Spanish and speech. Three hours, first semester.

192. Individualized Courses in Historical or Comparative Linguistics.

Offered to advanced students as need arises.

HISTORY

MR. SPENCER, CHMN.; MR. ROSS

History 1, 2, and 3, 4, are the only courses normally open to freshmen. Freshmen may be admitted to courses 53, 54, or 55, 56 only with the consent of the instructor. Students who wish to be recommended for secondary school teaching should take History 55, 56 (History of the United States). A major in history should take courses 3, 4, 55, 56, and 175 and either complete his minor study according to the requirements for graduation in effect during the academic year 1953-54, or in lieu of minor study in accordance with the requirements for graduation in effect beginning with the academic year 1954-55, complete a program of cognate courses worked out for the major student by the department.

1, 2. Western Social Heritage. (Also Economics 1, 2, Political Science 1, 2, Psychology 1, 2, Sociology 1, 2, and Education 1, 2.)

This course is offered as the basic course in the Social Science Division. It is designed to be a careful study of a few broad periods of cultural development from the Medieval Period to the

present time. It provides a historical and theoretical approach to the Western social heritage. Such major topics as Medieval society, the Renaissance, the Enlightenment, the Industrial Revolution, and the Age of Liberalism will be covered. The course will be taught by members of all the departments in the Division. Three hours throughout the year.

3, 4. History of Modern Europe.

A study of the political, social, economic, and intellectual development of modern Europe from the Renaissance to the present. Open to all students, but primarily given for freshmen. Three hours throughout the year.

53, 54. History of England and the British Empire.

A study of the growth of England and the British empire from earliest times to the present. Attention is given to the cultural achievements of England, to the evolution of English constitutional and legal institutions, and to British imperial expansion in modern times. The course is recommended to both pre-law students and literature majors. Open to sophomores, juniors and seniors. Not offered 1955-56. Three hours throughout the year.

55, 56. History of the United States.

A study of the growth of the United States from colonial times to the present. Open to sophomores, juniors, and seniors. Three hours throughout the year.

111. Ancient History.

A study of ancient civilization in the Mediterranean world and the Near East from the dawn of history in Eygpt and Mesopotamia to the collapse of Graeco-Roman civilization at the fall of Rome. Attention is given to the rise and fall of empires and city states, to the economic and social organization of the ancient world, and to achievements in art, literature, religion, and learning. Open to sophomores, juniors, and seniors. Offered 1955-56. Three hours, first semester.

112. Medieval History.

A study of the political growth, the economic development, and the intellectual and artistic achievements of medieval Europe, from the disintegration of the Roman empire to the age of the Reformation. Attention is given to the chief medieval institutions of the period: feudalism, the manorial system, the Holy Roman Empire, and the papacy. Open to sophomores, juniors, and seniors. Offered 1955-56. Three hours, second semester.

121, 122. Economic and Social History of the United States. **(Economics 121, 122.)**

A consideration of such economic and social topics in the history of the United States as the settlement of the west, industrialization, changing living standards, the regulation of business, and the contributions of the several immigrant stocks. Open to juniors and seniors. Not offered 1955-56. Three hours throughout the year.

123, 124. History of American Foreign Policy.

A study of the diplomatic relations between the United States and the European nations, the other American countries, and the Far East, from the American Revolution down to the present time. Open to juniors and seniors. Three hours throughout the year.

127. Russia.

A history of Russia under the czars and under the Union of Soviet Socialist Republics; the latter (recent) period is given much attention. Open to juniors and seniors. Not offered 1955-56. Three hours, first semester.

128. Latin America.

A consideration of the political, economic, and cultural problems of the Latin American colonies and nations from 1492 to the present time. Open to juniors and seniors. Offered 1955-56. Three hours, second semester.

175. Seminar — Introduction to Historical Method.

A course dealing with methods of historical research. These methods are worked out in connection with a concrete problem selected, usually by the student himself, in some field of history; the results are embodied in a paper. Lectures are also given on the history of historical writing. For advanced students. Required of all history majors. Three hours, first semester.

178. Philosophy of History.

A seminar on the philosophical significance of history. Stress is placed on recent historical thought, formulated by Henry Adams, Toynbee, Spengler, and others who have examined the rise and fall of civilizations. Prerequisite, twelve hours of history or permission of the instructor. Offered 1955-56. Two hours, second semester.

191, 192. Individualized Courses in Modern European History.

Special reading in a field and era of the student's own choosing, subject to regular conferences on the work done. Only especially competent students are admitted. For juniors and seniors only.

193, 194. Individualized Courses in American History.

The same as 191, 192, but for the American field.

MATHEMATICS

MR. WALTON, CHMN.

Course 1, 2 prepares students for the more advanced courses in mathematics as well as for those professional and technical courses requiring one year of college mathematics. Students desiring to major in mathematics must complete courses 1, 2, 51, 52, and at least two courses from those listed beyond number 100. At least two such courses are given each year.

1, 2. Freshman Mathematics.

An introduction to the study of college mathematics, including trigonometry, college algebra, plane analytic geometry. Four hours, each semester. (Students who have not had high school trigonometry are required to attend class one extra hour per week without credit.)

21. Elementary Engineering Drawing.

The use of instruments; correct drafting-room practice in conventional representation; the principles of orthographic and auxiliary projection; practice in making working drawings; practice in lettering; drill on geometric constructions; sections and conventions; practice in tracing; original drawing on tracing papers; reading and checking of drawings. Three two-hour drafting-room periods, three hours homework a week. Three hours, first semester.

22. Descriptive Geometry.

This course is designed to enable the student to solve the basic geometrical problems of engineering. At the same time the subject covers the principles of engineering descriptions of engineering projects. Three two-hour drafting-room periods, three hours homework a week. Prerequisite, course 21, or permission of the instructor. Three hours, second semester.

51, 52. Calculus.

This course completes the study of the elements of plane and solid analytic geometry as well as the differential and integral calculus. Many applications of the calculus to geometry and mechanics are used. Prerequisite, course 1, 2 or equivalent. Five hours, each semester.

109. Theory of Equations.

An intensive study of methods of finding roots of equations

and of solving systems of linear equations by determinants. Not offered 1955-56. Three hours, first semester.

110. Advanced Plane Geometry.

This course deals with the geometry of the triangle and circle based upon the elementary plane geometry of Euclid. Not offered 1955-56. Three hours, second semester.

111. Differential Equations.

Prerequisite, course 52. Not offered 1955-56. Three hours, first semester.

112. Advanced Mathematics.

This course is designed primarily for advanced science students and consists, first, of probability and curve fittings by means of least squares, and second, of a brief study of the properties of determinants and matrices, and the theory of transformations. Prerequisite, course 52. Not offered 1955-56. Three hours, second semester.

113, 114. Theoretical Mechanics. **(See Physics 119, 120.)**

115, 116. Advanced Calculus.

This course includes a thorough review of the principles of elementary calculus together with theorems from definite integrals, elliptic integrals, Fourier's series, theory of limits, and theory of functions. Offered 1955-56. Prerequisite, course 52. Three hours, each semester.

191, 192. Individualized Courses.

Offered to advanced students as need arises.

MUSIC

Mr. Overley, Chmn.; Mr. Ray, Mr. Rushevics, Mrs. Overley, Miss Clark, Mrs. Baldauf

Four-year courses are offered in both applied music and theory. Students may elect music as a major towards the degree of Bachelor of Arts; or they may elect a limited number of hours to improve their understanding and appreciation of music as part of a liberal arts education.

MAJOR IN MUSIC. A major in music may be elected in one of three fields: (1) in applied music; (2) in the teaching of music in the public schools under the provisional teaching certificate; (3) in church music.

MAJOR IN APPLIED MUSIC

Freshman Year		Sophomore Year	
Applied Music*	4	Applied Music*	4
Theory, Music 3, 4	6	Theory, Music 103, 104	6
Ensemble	2	Ensemble	2
English Composition 1, 2	6	Science or Language	8
Speech 11	2	Electives‡	12
Language or Science†	8	Physical Education	
Electives‡	4		—
Physical Education		(12 music; 20 non-music)	32
	—		
(12 music; 20 non-music)	32		

Junior Year		Senior Year	
Applied Music*	4	Applied Music*	4
Counterpoint, Mus. 117	3	Music History 115, 116	6
Form and Composition, Mus. 118	3	Electives‡	20
Ensemble	2		—
Language	8	(10 music; 20 non-music)	30
Electives‡	12		
	—		
(12 music; 20 non-music)	32		

* The applied music course must be in one field.

† Either the science or first year of language course may be taken in the sophomore year.

‡ Electives must include six hours in Division III and six hours in Division IV.

PROVISIONAL TEACHING CERTIFICATE
MUSIC EDUCATION

Freshman Year		Sophomore Year	
Piano, Music 21, 22*	2	Piano, Music 23, 24*	2
Theory, Music, 3, 4	6	Music Literature 1, 2	6
Ensemble†	2	Ensemble†	2
English Composition 1, 2	6	Biology	8
Modern Language	8	Education 111, 56	6
Art 3, 4	6	Sociology 51	3
Speech 11	2	History 55 or 56	3
Physical Education		Physical Education	
	—		—
	32		30

Junior Year		Senior Year	
Voice, Music 45, 46	4	Conducting, Music 129, 130	2
Music Education 111, 112	6	Education 125	12
Ensemble†	2	Education 114	3
Education 120, 121	7	Sociology 132	3
Physical Education 53	2	Electives	10 — 12
Electives	9 — 11		
	30 — 32		30 — 32

* Students adjudged to be sufficiently advanced in Piano, will elect four hours of Music 41, 42, instead of Music 21, 22, 23, 24.

† The total of six hours of ensemble shall include both instrumental and choral ensemble, one year in one branch and two years in the other.

MAJOR IN CHURCH MUSIC. A major designed for students interested in preparing themselves for service as church organists and choir directors. The course requirements are the same as those for the major in applied music, except that music 131, 132 replaces Music 115, 116, and Music 129, 130 must be added. Sixteen hours of organ are required. The student must also elect six hours in Biblical literature and six hours in Divisions II or III.

A. Theoretical Courses

1, 2. Introduction to Music Literature.

A general survey of the field of music literature, including analysis of the structural elements and aesthetic content of significant compositions of various forms and styles. Phonograph recordings and music scores are used as an aid in the development of an adequate listening technique. This is a cultural course for all students, and no previous musical training is necessary. Three hours throughout the year.

3, 4. Composite Theory — First year.

An integrated course, correlating the several approaches to the theoretical basis of music: writing, playing, listening, analysis, reading, and creative work. Use of simple harmonic materials including triads and the dominant seventh. Prerequisite, a knowledge of the rudiments of music and familiarity with the piano keyboard. Five class periods per week, including two lectures and three laboratory periods. Three semester hours credit.

Music 21, 22 — Elementary Piano.

This course is open to all students and requires no previous musical training — strictly a beginner's course. Does not count

for major or minor in music, except for Music Education requirements. One semester hour credit.

Music 23, 24 — Functional Piano.

A course for any students who have had some study but may not desire nor meet requirements for Music 41. The work is planned according to the needs of the individual, whether it be playing for group singing or merely playing for one's own pleasure. Duets and ensemble arrangements are used and practical points in reading and musicianship are brought forward. Does not count for major or minor in music, except for Music Education requirements. One semester hour credit.

103, 104. Composite Theory — Second year.

A continuation of the first year's work, which is a prerequisite. The use of altered and chromatic chords. Modulation and transposition. Advanced ear-training, sight-singing, and keyboard harmony. Five class periods per week, including three lectures and two laboratory periods. Three semesters hours credit.

111, 112. Music Education Methods.

The psychological and educational principles of Music Education in the public school, on both elementary and secondary levels. The study of objectives, selection and organization of materials, and methods of teaching. Prerequisite, Music 3, 4. Not offered 1955-56. Three hours throughout the year.

115, 116. History of Music.

The study of the development of music from the Greek period to modern times, and its relation to significant world movements. The cultural approach is combined with the historical through the use of illustrative material. Prerequisite, Music 103, 104. Offered 1955-56. Three hours throughout the year.

117. Counterpoint.

Two-part and three-part strict counterpoint in the five species, in major, minor and modal tonalities. Prerequisite, Music 103, 104. Not offered 1955-56. Three hours, first semester.

118. Form and Composition.

Analysis of the instrumental and vocal forms. The motive and its development. The dance forms, rondo, theme and variations, sonata, symphony and concerto. The art song, part song, motet, cantata, oratorio and opera. Chamber music. Prerequisite, Music 117. Not offered 1955-56. Three hours, second semester.

129, 130. Conducting.

The technique of the baton. Principles of conducting as applied to the interpretation of choral repertoire (first semester)

and instrumental repertoire (second semester). Practical experience in the directing of college ensembles. Prerequisite, Music 3, 4. One hour throughout the year.

131, 132. History and Literature of Church Music.

A survey of the history and literature of the music of the Christian church from medieval times to the present era. Analysis of the liturgical and non-liturgical music and hymnody of the Roman, Anglican and Protestant denominations. Instrumental music in the church. Illustrated with recordings and class performance. Prerequisite, Music 3, 4. Three hours throughout the year.

B. Applied Music

Individualized courses of one, two, three or four years are offered in voice, piano, organ, violin, and violoncello.

A one-hour private lesson per week, plus a minimum of one hour daily practice is required. Credit of two semester hours per semester is given for all applied music courses, effective upon the completion of two consecutive semesters' work. A minimum assignment of material must be completed each semester; beyond this, the student is encouraged to advance as rapidly as his ability, health and time permit.

Participation in student recitals is required as soon as the student qualifies. Preliminary appearances are made at the biweekly meetings of the Overley Society, the music students' study club. Public performances by student soloists, on and off campus, are arranged by the instructor.

Majors in applied music are required to present a graduation recital in their senior year.

Two semesters' work in applied music is open to all students who qualify. Further work in the course must be accompanied by Music 3, 4, in the case of any student who, in the judgment of the instructor, needs additional training in musicianship.

ENTRANCE REQUIREMENTS. Before being accepted for enrollment in an applied music course, a student is required to pass an individual examination in music fundamentals and performance. Students are urged to make adequate preparation for these entrance tests by careful practice and review work under the guidance of a competent teacher. Further details are contained in a special bulletin, available upon request. Address the Head of the Music Department.

Piano

MR. RAY, MISS CLARK

41-1, 42-1. First Year. **41-3, 42-3. Third Year.**
41-2, 42-2. Second Year. **41-4, 42-4. Fourth Year.**

Orientation in basic technique. Progressive technical exercises and etudes covering a four year period. Scales and arpeggios from the simpler forms in moderate tempi to advanced forms in rapid tempi. A comprehensive repertoire from the classical, romantic, and modern schools of composition. Piano duets. Accompaniments for instrumentalists and singers. Piano-organ duos. Sight reading.

Organ

MR. OVERLEY

43-1, 44-1. First Year. **43-3, 44-3. Third Year.**
43-2, 44-2. Second Year. **43-4, 44-4. Fourth Year.**

The aim of the course is the development of a high order of skills in the playing of church services, accompaniments, and recitals. Throughout the course, rhythmic independence and clarity in performance are emphasized, as applied to a repertoire of select works, representative of the best in organ literature from pre-Bach to the modern schools. Practical playing for chapel services. Organ-piano duos.

Voice

MRS. OVERLEY

45-1, 46-1. First Year. **45-3, 46-3. Third Year.**
45-2, 46-2. Second Year. **45-4, 46-4. Fourth Year.**

Correct physical and mental poise. Principles of breathing and breath control. Fundamentals of tone production. Progressive vocalises. Oratorio and operatic arias. English and French art songs, Italian classics and German lieder.

Violin and Viola

MR. RUSHEVICS

47-1, 48-1. First Year. **47-3, 48-3. Third Year.**
47-2, 48-2. Second Year. **47-4, 48-4. Fourth Year.**

Simple, intermediate, and advanced etudes and scale studies; compositions for the development of tone production and phrasing; sonatas and concertos. Orchestral and ensemble work.

Cello

MRS. BALDAUF

49-1, 50-1. First Year. **49-3, 50-3. Third Year.**
49-2, 50-2. Second Year. **49-4,-50-4. Fourth Year.**

A careful review of the principles of basic technique. Etudes and scale studies graded from easy, through intermediate, to advanced. Shorter compositions and major works by classical and modern composers, including the standard concertos and sonatas.

Orchestral Woodwinds and Brasses

A limited number of qualified students will be accepted for instruction in flute, clarinet, French horn, trumpet, and trombone, in connection with a music major or minor on these instruments The instructors are professional members of the Kalamazoo Symphony Orchestra.

C. Ensemble Groups

15, 16. The College Singers.

Class voice culture. Music for Chapel services. Cantatas, operettas; annual tour program of sacred and secular works Two 90-minute rehearsals weekly. Enrollment for two consecutive semesters only; credit, one hour per semester. Academic credit only.

17, 18. The College Band.

Both marching and concert band. Two 90-minute rehearsals weekly. Activity or academic credit.

19, 20. Chamber Music Ensembles.

String, woodwind and mixed ensembles will be organized from the talent available. Classic and contemporary literature. Chapel musicales and other campus and off-campus programs. Two 1-hour rehearsals weekly. Academic or activity credit.

Miscellaneous Ensembles.

Talented students may qualify for membership in the Madrigal Singers, the Men's Varsity Quartet, the Women's Varsity Quartet, and the Varsity Mixed Quartet. Activity credit only.

The Bach Festival Chorus.

A community chorus of select voices, open to students of advanced singing ability. Rehearsals every Tuesday evening, 7:30 p.m. to 9:30 p.m., October through March. Major works performed in the past seven years have included the B-minor Mass, the Passion according to St. Matthew, the Passion according to St. John, the Christmas Oratorio and selected contatas; also compositions for chamber orchestra and clavier.

The Bach Festival Symphonette.

Mr. Rushevics, concertmaster. Open to orchestral players of advanced ability. Bach suites, concerti, overtures; accompaniments for the choral works.

One or more years' participation in either the Bach Chorus or Symphonette is required of all applied music majors.

Kalamazoo Symphony Orchestra.

Advanced players of orchestral instruments may also qualify for membership in the Kalamazoo Symphony Orchestra or the Civic Junior Orchestra.

MUSIC COURSES FOR NON-COLLEGE STUDENTS

The College offers instruction in the principal fields of music to non-college students, both adults and children, by members of the College music faculty and assistants.

PHILOSOPHY

MR. HEMMES, CHMN.

To fulfill the requirements in the department, all courses are available with the exception of 175, 176, 191, 192. The courses are open to sophomores, juniors and seniors.

With the consent of the instructor, freshmen may take 53 and 54.

51. Great Philosophers and their Philosophies.

The course consists of a study of Plato's philosophy both from the point of view of the philosophical problems significant for us today, and from the point of view of its historical setting. The Republic will be read and selections from other dialogues. Offered 1955-56. Three hours, first semester.

52. Great Philosophers and their Philosophies.

The course is a study of the philosophies of Descartes, Berkeley, Leibniz and Kant. The writings studied are the Discourse on Method by Descartes, the Dialogues between Hylos and Philonous by Berkeley, the Monadology by Leibniz and the Prolegomena to Any Future Metaphysics by Kant. The views of these men will be considered in reference to their contemporary significance. Prerequisite, course 51. Offered 1955-56. Three hours, second semester.

53. Reflective Thinking.

The course deals with a study of the principles of valid thinking, the relation of perception and thought, the problems of explanation and interpretation, the meaning of intuition as compared with reflective thought, the nature of science and the

methods of the physical, biological and social sciences, the emotional, imaginative and volitional factors in knowledge. The purpose of the course is to get practical experience in learning to think, to get an appreciation of the interrelationship of the different fields of study and to lay a foundation for further work in philosophy. Not open to freshmen. Offered 1955-56. Three hours, first semester.

54. Nature, Man, Culture, God.

A systematic study of man in his relation to the cosmos, the values of culture, the total world process, in order to give the student an opportunity to formulate a philosophy of life in his contemporary environment. The contrasts of the philosophies of naturalism, humanism, idealism and theism will be carefully worked out. Not open to freshmen. Offered 1955-56. Three hours, second semester.

101. Ethics.

A study of the philosophical ideals of conduct and personality. The course deals with the value of the individual, of the social relations of life, of institutional control. The values of pleasure, self-development, efficiency, cooperation are examined. Included in the study are also the value of the family, of the economic structure of the state, of the church, and of art. Offered 1955-56. Three hours, first semester.

102. Social and Political Philosophy.

This course is a study of the nature of social relations, the family, the economic structure, the state, the law. The modern conflict of the ideals of liberalism, nationalism, communism will be examined. Offered 1955-56. Three hours, second semester.

104. Aesthetics — The Meaning of Art and Beauty.

A study of the psychological principles underlying the creation and enjoyment of beauty and art. The problem of artistic genius is examined and its relation to other forms of activity. The psychological aspects of humor, the tragic, the pathetic, the sublime are analyzed. The arts, music, architecture, sculpture, painting, literature are studied from the point of view of the psychological meaning of form and content. The aesthetic aspect of human behavior is evaluated. Credit for this course can be had either in psychology or philosophy and is optional with the student. Not offered 1955-56. Three hours, second semester.

106. American Philosophy.

A study of American philosophy from the middle of the nineteenth century to the present. The early evolutionary philosophy, Idealism, Pragmatism, Realism, Naturalism, and recent trends will be included. Three hours, second semester.

121. Philosophy of Religion. (See Religion 113.)

Basic problems in the philosophy of religion are considered, such as the nature and existence of God, ways of knowing God, evil, human personality, human purpose, religious experience, and immortality. Open to juniors and seniors, and to sophomores. Three hours, first semester.

175, 176. Seminar.

The work in this course varies from year to year, dealing with individual philosophers such as Kant, Hegel, Whitehead, and Royce, or with such subjects as the philosophy of the state and the philosophy of science. Three hours throughout the year.

191, 192. Individualized Courses.

Special work for advanced students in the department.

PHYSICAL EDUCATION

MR. LASCH, CHMN.; MR. ANDERSON, MISS LOVELESS, MR. BOGART

The physical education department of Kalamazoo College includes the service program in physical education, the professional curriculum, intercollegiate athletics, intramural sports for men, and intramural activities for women. The department endeavors to serve all students enrolled at the college.

The physical education program makes a significant contribution to the development of wholesome recreational skills which can be retained as permanent leisure-time interests. It contri butes to the development of sound physical and mental health and to the development of good citizenship.

Professional Preparation in Physical Education

The College offers a program of undergraduate study for students who desire a minor in Physical Education and Athletics. Courses are offered for men with emphasis on the secondary level, while those for women range from the elementary through the secondary level.

Students who desire certificates to teach in the State of Michigan are required to take certain specific courses in the Department of Education. Courses 41 and 42 are prerequisite to all other courses except PE 53, PE 54, and PE 122. Physical Education 41 and 42 are the only courses open to freshmen. There is no required sequence for a minor; however, the following courses are recommended for men: 41, 42, 53, 135, 136, 165, 172. The following are recommended for women: 41, 42, 53, 122, 165, 171.

Courses which are usually taken only by men are indicated by the letter M following the course number. Courses usually

taken only by women are followed by the letter W. All other courses are open to both men and women.

Information on Intercollegiate Athletics, Women's Recreation Association, Men's Intramural Sports Program is to be found on page 53.

41. Introduction to Physical Education.

Introduction to the history and modern developments of physical education in relation to general education and other related biological and social sciences. A study is made of aims, objectives, philosophy, and principles; program, facilities, leadership, and vocational opportunities. Prerequisite to all other courses. Three hours, first semester.

42. Personal and Community Health.

Problems in personal and community health and public health practice; the study of diseases which have the greatest social significance in relation to physical and mental health. (Open to all students). Prerequisite to all other courses. Three hours, second semester.

53. Community Recreation.

An introduction to the field of recreation with special emphasis on the community. A study of programs, leadership, facilities, agencies, organizations: the nature and function of recreation in meeting the leisure time needs of all ages. (Open to all students). Prerequisite, sophomore standing. Three hours — two hours lecture, one hour practicum, first semester.

54. Camping.

Intended for students who desire a background for leadership in public and private camps. A study is made of the camp as an educational agency; practical problems are studied through trips to various local camps. (Open to all students) Two hours, second semester.

61. Anatomy and Physiology. (See Biology 105.)

122. Graded Programs in Physical Education.

This course meets the requirements for the elementary teaching certificate.

Theory and practice in various activity programs suitable for all age-grade levels; study of activities as they relate to the needs and growth patterns of children. Prerequisite, sophomore standing. Two hours, second semester.

135M. Fundamentals and Theory of Coaching Football and Basketball.

A course in fundamental skills; the psychology of coaching; offensive and defensive systems. Prerequisite, junior standing. Three hours, first semester.

136M. Fundamentals and Theory of Coaching Baseball and Track.

Analysis of the various positions in baseball; game strategy; analysis of all track and field events; methods of coaching. Prerequisite, junior standing. Three hours, second semester.

165. Organization and Administration of Physical Education and Athletics.

A study of administrative problems and policies; special emphasis is given to administration of Junior and Senior High School programs. Prerequisite, junior standing. Three hours, first semester.

171. Corrective Physical Education.

The identification of the atypical and individual and the selection of methods to aid in adjustment. Prerequisite, junior standing. Two hours, first semester.

172. Athletic Training and Conditioning.

Knowledge and practice of emergency treatment of injuries, prevention and care; techniques of athletic training and conditioning. Prerequisite, junior standing. Two hours, second semester.

Service Program in Physical Education

All students are required to complete, during the first two years, a four-semester program of activities in physical education.

Course 1M for men or Course 1W for women must be taken by all freshmen. Courses may be elected for the other three semesters of the program.

Service Courses for Men

1M. Fundamental Activities.

Required of all freshmen men. Instruction in basic skills of various team and individual activities. First semester.

3M. Swimming and Senior Life Saving.

Advanced swimming skills and Red Cross senior life saving. First semester. Fee required.

4M. Swimming.

A course for the beginner. Second semester. Fee required.

5M. Handball, Paddleball.

First semester. Fee required.

Intercollegiate Athletics.

Participation in a varsity sport for one full season may be used in lieu of one semester's work toward the Physical Education requirement.

PE 21 Football
PE 22 Baseball
PE 23 Cross Country
PE 24 Basketball
PE 26 Track
PE 28 Golf
PE 30 Tennis

Service Courses for Women

Insofar as possible, women students who have physical disabilities will be advised to take regular classes which are not strenuous.

1W. Fundamental Activities.
A study of basic body movements and their application to sports activities. Required of all freshmen women. First semester.

2W. Basketball, Volleyball.
Second semester.

3W. Swimming and Senior Life Saving.
Red Cross senior life saving and synchronized swimming. First semester.

4W. Swimming.
A course for the beginner. Second semester.

5W. Modern Dance.
First semester.

Service Courses — Co-educational

8. Badminton, Tennis.
Second semester.

9. Square Dancing and Couple Dances.
Elementary square dance patterns. Instruction in the waltz, polka, schottische and various folk dances. First semester.

11. Fencing.
First semester.

12. Bowling, Golf.
Fee required for bowling. Second semester.

14. Ballroom Dancing.
Second semester.

16. Fly and Bait Casting, Archery.
Basic skills in use of casting rod, fly rod, and spinning rod; study of lures and their use. Fundamentals of target and clout shooting. Second semester.

PHYSICS

MR. KERMAN, CHMN.; MR. BUSKIRK

Course 3, 4 is prerequisite for all others. Course 119 and all higher numbers are designed primarily for students who are majoring in physics or chemistry with the intention of going on for graduate work. These students also take three or four years of work in the Department of Mathematics.

A major in physics must include a reasonable balance of laboratory courses and mathematical theory.

1, 2. Physical Science. (Chemistry 1, 2.)

This course is intended for students planning to major in fields other than science, fulfilling the graduation requirement for a year's work in laboratory science. The course is devoted to a careful study of a few broad chemical and physical concepts which are fundamental to an understanding of the physical world. Typical areas or concepts to be thoroughly discussed are: energy in its various forms; the atomic and molecular structure of matter; concepts of the solar systems, etc. Methodology of science will be emphasized rather than merely the products of science. It is intended that the student will develop ability to demonstrate his understanding of meaning, inter-relations and principles, rather than unthinking reproduction of isolated facts. Consideration will be given to the relationship between science and other areas of life. Three hours lecture and one laboratory period each week. Four hours throughout the year.

3, 4. General College Physics.

The basic physics course for science majors including premedical students. Problem solving is stressed. Frequent lecture table demonstrations. Prerequisite, trigonometry. Four recitation hours per week, plus one two-hour laboratory period. Five hours throughout the year.

56. Physical Measurements.

An advanced laboratory course in general physics consisting of selected experiments too long or too difficult for inclusion in courses 3, 4. Some mechanics and modern physics experiments, but emphasis on heat, light and electricity. Offered second semester 1955-56. Two, three, or four hours, depending upon the amount of work accomplished.

101, 102. Modern Physics.

A study of recent work in the fields of ionization of gases, photoelectricity, the electronic charge, X-rays, structure of crystals, line spectra, Bohr theory, the nature of radiation, structure of atoms, radioactivity, and atomic energy. Three hours throughout the year.

104. Electrical Measurements.

An advanced laboratory course in measurement of electromotive force, current, resistance, inductance, capacitance, impedance, power factor, and magnetic properties of iron. Prerequisite, a year of calculus. This course offered upon sufficient demand. Two hours recitation and one three-hour laboratory period. Three hours, second semester.

107. Light.

An intermediate course in physical optics. Prerequisite, a year of calculus. Offered 1955-56. Three hours recitation, first semester.

115. Dynamo Machinery.

A study of direct-current and alternating-current circuit theory, a.c. and d.c. motors and generators, transformers, and three-phase systems. Prerequisite, a year of calculus — may be taken concurrently. Classroom work three times a week and one three-hour laboratory. Offered 1955-56. Four hours, first semester.

118. Electronics.

Basic concepts and circuits of modern electronics: a study of properties of vacuum and gas-filled tubes, oscilloscopes, rectifiers, amplifiers, oscillators, and wave-shaping and control circuits. Emphasis is placed on laboratory work which includes a design and construction project for each student during the last month. Two lectures and two three-hour laboratory periods per week. Offered 1955-56. Four hours, second semester.

119, 120. Advanced Mechanics. (Mathematics 113, 114)

A mathematical course including both statics and dynamics. Special attention is given to motion in an inverse-square field, gravitational potential, dynamics of a particle, dynamics of a rigid body, virtual work, constrained motion, damped oscillations, LaGrange's equations. Prerequisite, a year of calculus. Not offered 1955-56. Three hours throughout the year.

121, 122. Advanced Electricity and Magnetism.

A mathematical course including both direct and alternating current theory. It includes electrostatics, potential theory, dielectric and magnetic media, general networks, electrical oscillations, transients, and Maxwell's Equations. Prerequisite, a year of calculus. Offered 1955-56. Three lectures and one two-hour laboratory period per week. Four hours throughout the year.

125, 126. Mathematical Methods in Physics.

Primarily a pre-graduate course. Designed to show various applications of mathematics to physics. Such topics as ordinary and partial differential equations, La Grange's, Euler's and Hamilton's equations, heat flow, vibrations of strings and membranes, Fourier series and some vector analysis are discussed. Two to four hours throughout the year.

191, 192. Special Problems.

This is a special course intended to afford students of superior ability and adequate preparation an opportunity to obtain specific

training for original investigation. A laboratory problem or area of study is assigned, together with reference reading, and the student is left as far as possible to his own resources. Prerequisite, two years of physics and a year of calculus. Hours and credit to be arranged.

POLITICAL SCIENCE

MR. HAM, CHMN.; MR. CHEN, MR. CHATTERS, AND MR. FORD

The Political Science program serves three purposes: (1) to provide basic instruction in political institutions and behavior for all students as a part of their liberal arts education, (2) to provide a thorough preparation for further study in graduate and professional schools, and (3) to prepare students for the public service.

The Department is organized into four interrelated parts: (1) the undergraduate program, (2) the graduate program, (3) the Bureau of Municipal Research, and (4) the Institute of Government. At both the undergraduate and graduate levels, special reading programs, clinical contacts with governmental units, and individualized instruction are stressed.

The undergraduate program provides comprehensive, basic coverage of the field of Political Science. The graduate program is a concentrated course of study in public administration. Several unusual opportunities have made this comprehensive and unique program possible. First, the City of Kalamazoo cooperates with the College in operating a joint research and administrative staff Bureau in the City Hall. This is described in detail below. Second, there are in the community several authorities in related fields of administration who are available as special lecturers. Third, through the Research Bureau and Institute, ideal research facilities have been made available.

UNDERGRADUATE COURSES

Courses 56, 58, 75, 76, 101, and 102 are required for majors. Majors are also expected to take Social Science 1 and 2, Statistics (Psychology 134), and Modern European History 3, 4.

1, 2. Western Social Heritage. (See History 1, 2.)

Political Institutions

53. American National Government.

This course is an overall introduction to the structure and functions of the Federal government, a first course toward more

advanced studies in the field of American government. Three hours, first semester.

54. American State and Local Governments.

A study of the structure and functioning of state and local governments with special emphasis on the problems of legal and administrative inter-relationships. Three hours, second semester.

56. Comparative Government.

A comparative study of contemporary national governments with emphasis on the structure and functions of the major governments. Three hours, second semester.

Political Behavior

57. Politics and Political Parties.

A study of practical politics with emphasis on the organization of political parties and the elements making up public opinion and their role in a democratic society. Three hours, first semester.

58. Propaganda, Pressure Groups and Public Opinion.

An analysis of the forces organized and unorganized that mould public opinion, and of their relationship to political behavior. Three hours, second semester.

Political Thought

75. History of Political Theory.

A historical introduction to political theory from early Greece to present times. The course is intended to acquaint the student with outstanding thought on such questions as origin and nature of the state, purpose of the state, the location and nature of political sovereignty, individual rights, etc. Three hours, first semester.

76. Contemporary Political Theory.

A study of leading political ideas in the nineteenth and twentieth centuries, with special reference to liberalism, Marxism, and Fascism. Three hours, second semester.

Public Law and Administration

101, 102. Constitutional Law.

A study of the development of the American Constitution with emphasis on the changing scope of federal powers. Three hours throughout the year.

105. Public Administration.

A general treatment of the principles and problems of public administration. Administrative techniques will be included to familiarize the student with fundamentals in preparation for advanced work. Three hours, first semester.

158. Public Finance. (Economics 158.)

A study of the principles and practices of taxation and public expenditures and an analysis of the economic and political impact of certain contemporary practices. Three hours, second semester.

International Politics

111. International Law and Organization.

A study of international law (public) and organizations with emphasis on the developments of recent times. Three hours, first semester.

112. International Politics.

A study of the major factors involved in relations between nations with a presentation of some of the principle points of view on the nature of international politics. Three hours, second semester.

134. Statistics. (See Psychology 134.)

190, 191. Individualized Courses.

Advanced undergraduates have the opportunity to participate as research staff assistants in the Bureau of Municipal Research either through individual assignment, or through special registration in course 251, 252. Such students will do a certain portion of their work in the City Hall. A brief description of the Bureau can be found at the end of this section.

GRADUATE COURSES

Requirements for admission to graduate study and the requirements for the Master of Arts degree are described on page 67. Students who are admitted to the graduate program in Political Science automatically become Fellows in the Institute of Government. Their program of graduate study is administered through the Institute. The Institute of Government serves as a center of governmental studies for this area. It has four major purposes: (1) to administer the graduate program in Political Science, (2) to serve all governmental units in this area, research, consulting and advisory activities, (3) to carry on independent research activities, and (4) to aid governmental units in establishing in-service training programs.

The staff of the Institute consists of the staff of the Political Science Department plus a group of nine special lecturers. Upon admission each student is assigned a graduate study advisor and is assigned a desk or office in the Institute or the Bureau of Municipal Research. Course work and research programs are developed for the individual student and a period of internship with a governmental unit is arranged. There are a number of

fellowships and scholarships available. Details concerning these and entire graduate program may be obtained from the admissions office.

201, 202. Public Administration.

An advanced study of the objectives, theory, and practice of the process of administration. Emphasis on certain contemporary problems. Two hours throughout the year.

206. Administrative Law.

A study of the administrative process with emphasis on problems of administrative rule making and administrative adjudication. Three hours, second semester.

211. Urban Sociology. (See Sociology 111.)

251, 252. Problems in Municipal Management.

A study of the management of the modern city in its several phases and departments. The work of the seminar is supplemented by special lectures by the City Manager of Kalamazoo and members of his staff. Two hours throughout the year.

253, 254. Personnel Administration.

A study of those problems arising in connection with the operation of the personnel process. Consideration is given to the problems arising in connection with personnel procedures from the organization of the agency to the establishment and operation of a retirement plan. Two hours, second semester.

256. Finance Administration.

A study of the financial problems and procedures with emphasis upon long term financial planning. Three hours, second semester.

258. Planning.

An introduction to the nature, development, theory, objectives, and general methods of planning; types of planning — community, regional, national, international, functional, within private enterprise; requirements, techniques, and effectuation; the case for and against planning. Two hours, second semester.

281, 282. Seminar in Political Thoughts. Topics to be announced.

Three hours throughout the year.

The Bureau of Municipal Research is conducted as a joint enterprise of the City of Kalamazoo and the Department of Political Science of Kalamazoo College. This Bureau is organized as a division of the city manager's office. Its objectives are to provide clinical contacts for advanced undergraduates and graduate students in the field of public administration, and to make available to the administration of the city and others interested the results of studies of typical city administrative problems. The

city manager and members of his staff participate in conferences with the students and act as research advisors upon projects within their several fields.

PSYCHOLOGY

MR. VAN LIERE, CHMN.; MR. HEMMES

The following courses are required of majors: Psychology 51, 52, 101, and 102. Majors contemplating graduate work should take as much science and mathematics as possible.

1, 2. Western Social Heritage. (See History 1, 2.)

51. General Psychology (Introductory).

A study of the behavior of the individual in terms of learning, motivation, emotions, maturation. Prerequisite to Psychology 52 and 101. Three hours, first semester.

52. General Psychology (Intermediate).

A continuation of the study of general introductory psychology in terms of perception, thinking, individual differences, and in application to personal and social problems. Prerequisite, grade of C or better in Psychology 51. Three hours, second semester.

53. Psychology of Childhood.

A study of the development of behavior in infancy and childhood, including a survey of factors which influence various kinds of behavior. Prerequisite, six hours of psychology. Three hours, first semester.

54. Adolescent Psychology.

Consideration of physiological, psychological, and social problems peculiar to adolescents; dynamic processes giving rise to these problems and dynamics involved in preventing and alleviating these problems. Prerequisite, six hours of psychology. Offered 1955-56. Three hours, second semester.

56. Educational Psychology. (See Education 56.)

101. Experimental Psychology (Introductory).

Experimental method and the statistical treatment of data; laboratory investigations of selected topics in general psychology. Prerequisite, grade of C or better in Psychology 51. Required of all majors. Three hours, first semester.

102. Experimental Psychology (Intermediate).

Continuation of introductory laboratory methods with further emphasis on statistics. Leads to individual experimental practice. Prerequisite, grade of C or better in Psychology 101. Three hours, second semester.

103. Motivation.

The nature, bases, development, and theoretical formulations of motivated behavior. Prerequisite, six hours of psychology. Alternates with 107. Not offered in 1955-56. Three hours, first semester.

104. Perception.

A study of the phenomena of perception, their development and differentiation, the experimental approach to them, and their theoretical bases. Prerequisite, six hours of psychology. Alternates with 172. Offered 1955-56. Three hours, second semester.

107. Ability.

A broader approach to the area of tests and measure, including the nature of ability, the concept of traits, measurement of ability, factor analysis, and the relation of ability to learning and other personal variables. Prerequisite, six hours of psychology. Alternates with 103. Offered 1955-56. Three hours, first semester.

118. Comparative Neurology. (See Biology 118.)

134. Statistics. (Also Economics 134, Political Science 134, Sociology 134, and Education 134.)

This course is intended to fulfill the needs of students in the Social Science Division. The following topics are considered: frequency distribution, central tendency, variability, probability and normal distribution, reliability and tests of significance, sampling and sampling errors, correlation, tabular and graphical presentation of data, time series. Not offered 1955-56. Three hours, second semester.

141. Social Psychology. (See Sociology 141.)

153. Psychology of Personality.

Presents the methods and results of the scientific study of personality. Attention given to the basic concepts of personality traits and their measurement, the developmental influences, and the problem of integration. Prerequisite, six hours of psychology. Three hours, first semester.

154. Contemporary Schools of Psychology.

A study of the development of modern experimental psychology, of the psychology of William James, of behaviorism, of Freud and the psychoanalytic movement, of Gestalt psychology, and other recent trends. Prerequisite, six hours of psychology. Alternates with 156. Offered 1955-56. Three hours, second semester.

156. Abnormal Psychology.

The course deals with the distinction between organic and functional disorders of the personality. The emphasis is on the

analysis of actual cases of psychoneurotic and psychotic disorders. The current theories of insanity are examined. Prerequisite, six hours of psychology. Alternates with 154. Not offered 1955-56. Three hours, second semester.

172. Seminar in Learning.

Examination of the methods, findings, and theories of learning and conditioning, with emphasis on the nature of the learning process and the variables affecting learning. Alternates with 104. Not offered 1955-56. Three hours, second semester.

191, 192. Individualized Courses.

Majors are encouraged to engage in some sort of supervised study for one semester. This may be a reading course devoted to a particular system or to current literature, or it may be concerned with some research being carried on by some member of the staff. Prerequisite, majors of senior standing. Hours to be arranged, first and second semesters.

RELIGION

MR. DUNSMORE, CHMN.; MR. AVERILL

The courses in this department are grouped in three divisions: (1) Biblical literature, (2) religious history and thought, (3) religious education. A major will include courses from all three groups.

I. Biblical Literature

4. The Study of the Bible.

This course attempts to provide the student with an intelligent understanding of what the Bible is and how to use it. Methods of interpretation and problems of textual criticism and translation are studied. Consideration is given to the use of the Bible in personal and group study. Three hours, second semester.

11. The Life and Teaching of Jesus.

A study of the life of Jesus and of his teachings. Three hours, first semester.

12. The Literature of the New Testament.

A study of the books of the New Testament, with special attention to the writings of Paul. Three hours, second semester.

13, 14. The Old Testament.

A chronological study of the literature and religious development of the Old Testament in the light of the historical background. Three hours throughout the year.

II. Religious History and Thought

113. Basic Religious Ideas.

A study of the basic ideas and problems of religion in the light of modern thought and methods, in an attempt to find the meaning and values of religion for present day life. Not open to freshmen; not open to those who have taken Philosophy 121. Offered 1955-56. Three hours, first semester.

114. Religions of the World.

An historical study of the world's great religions, with special emphasis upon their distinctive values. Not open to freshmen. Three hours, second semester.

117. The Development of Modern Christianity.

A survey of Christianity from the Reformation to the present, with major emphasis upon the study of the major Protestant denominational traditions, representative sects, the ecumenical movement, and social and religious issues of concern to the churches. Not open to freshmen. Three hours, first semester.

118. Contemporary Christian Thought.

A survey, analysis, and comparison of the major schools of thought within contemporary Protestantism. Lectures, individual project reports, and class discussion. Not open to freshmen. Three hours, second semester.

III. Religious Education

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

123. The Principles of Religious Education.

This course provides a general introduction to the field of religious education. It includes a study of the nature and growth of the religious life, and a consideration of the principles, aims, general methods, and problems of religious education. Prerequisite, Psychology 51. Three hours, first semester.

124. The Organization and Materials of Religious Education.

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

191, 192. Individualized Courses.

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

SOCIOLOGY

MR. HIGHTOWER, CHMN.; MRS. MILLS, MR. GRAHAM

Courses are open to sophomores, juniors and seniors. Ordinarily at least one of the basic courses, under A below, is prerequisite to subsequent courses. Majors in the department are expected to take Sociology 51 and 56; complete three semester hours under Sociology 173, 174; and share in the seminar (Sociology 175, 176) in their senior year. Those planning graduate work should also take Sociology 134.

A. Basic Courses

1, 2. Western Social Heritage. (See History 1, 2.)

51. Social Behavior: Introduction to Sociology.

A theoretical study of social organization, processes, and controls, based upon field observation, published sources, and contemporary contributions. Three hours, first semester.

56. Social Problems.

Brief and intensive studies of the major contemporary social problems in their historical setting including the organization and disorganization of societal groups, and their effects upon the person. Plans and programs of social reconstruction are examined. Three hours, second semester.

63. Cultural Anthropology. (Biology 117.)

The origin and development of man and his culture. Modes of living in primitive and modern societies. Three hours, first semester.

B. Advanced Courses

111. Rural-Urban Sociology. (Political Science 211.)

A study of rural and urban aspects of society with reference to organization, controls, problems and trends in modern society. Three hours, first semester.

112. The Family.

A study of the origin and development of the family, together with an analysis of the structure, function, and problems of the American family. Three hours, second semester.

116. Race Relations.

Migrations and population problems. Racial and national prejudices, conflicts, and accommodations. Minority groups in society. Three hours, second semester.

118. Crime and Delinquency.

A causal study of criminal behavior and an analysis of methods of treatment and prevention. Prerequisite, six semester hours in sociology, or six hours in sociology and political science. Three hours, second semester.

141. Social Psychology. (Psychology 141.)

An investigation of the dynamic relationships between individuals and society. Group behavior, socializing processes, social interaction, and adjustments are studied. Prerequisite, Psychology 51, and Sociology 51 advised. Three hours, first semester.

134. Statistics. (See Psychology 134.)

175, 176. Seminar.

A study of sociological theory and methods of research. Limited to advanced students. Two hours each semester.

191, 192. Special Problems.

Other courses will be arranged to suit the needs of individual graduates or undergraduates with not less than twelve hours in sociology.

C. Social Service Courses

121. Fields of Social Work.

A general survey of the main fields of modern social work, including case, group, and institutional work, and organization and promotion. Prerequisite, six hours in sociology. Three hours, first semester.

126. Public Welfare.

This course deals with the development, organization and function of public welfare, especially in the United States. Social change and modern problems in public welfare administrations are discussed. Prerequisite, Sociology 121. Three hours, second semester.

131. Social Work and Community.

Processes of social organization and functions of social work agencies in the community, including children's services, are studied. The relationship of group work, case work, and community policies are considered. Prerequisite, Sociology 121 or consent of the instructor. Three hours, first semester.

132. Social Work and the Individual.

A study of the elementary principles of case work as applied in the social services. Interviewing, preparation and use of case histories, and the interpretation of individual problems are discussed. Prerequisite, twelve hours in sociology and psychology, including Sociology 131, or consent of instructor. Three hours, second semester.

173, 174. Supervised Field Work and Social Research.

Includes observation and practice field work in connection with social work agencies in the community, or social research on approved projects. Credit arranged on the basis of 54 hours of work and conferences per semester hour. One to three hours throughout the year. All majors in the department are expected to complete three semester hours. One or two hours may be done during the summer months under the direction of an approved social or research agency. Open to juniors and seniors with nine semester hours of sociology and the approval of the instructor.

Curriculum Suggestions

Kalamazoo College recognizes the importance of serving the vocational interests of its students in so far as is consistent with the concept of a liberal education. The following pages present to the student the relationship of the curriculum to certain professions and vocations.

THE CHRISTIAN MINISTRY

Students preparing for the Christian ministry should have a good foundation in Biblical literature, English literature, the biological and social sciences, and philosophy. The following program is suggested as meeting the requirements of most graduate schools of religion.

First Year

English 1, 2; Speech 11; Biology 3, 4; foreign language; and History 1, 2; or Religion 11, 12; or 13, 14.

Second Year

English Literature 53, 54; foreign language; Psychology 51, 52; Economics 51, 52; History 111, 112; or Philosophy 51, 52; Speech 12.

Third and Fourth Years

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

CLINICAL AND LABORATORY TECHNIQUES

In view of the increasing demand for laboratory technicians, the following course is suggested as furnishing the background necessary for specialized training leading to certification in clinical and laboratory techniques. It is recommended that between the second and third years the student attend a summer school where technical courses can be pursued which are specifically valuable for future needs.

To understand more fully the professional qualifications for clinical and medical technicians, interested students are urged to correspond with the American Society of Medical Technologists, Ball Memorial Hospital, Muncie, Indiana.

First Year

First Semester		Second Semester	
Biology 3	4 hours	Biology 4	4 hours
Chemistry 3	4 hours	Chemistry 4	4 hours
English 1	3 hours	English 2	3 hours
Foreign Language	4 hours	Foreign Language	4 hours
Speech 11	2 hours		—
	—		15 hours
	17 hours		

Second Year

Biology 105	4 hours	Biology 106	4 hours
Chemistry 55	4 hours	Chemistry 56	4 hours
Psychology 51	3 hours	Sociology 56	3 hours
Biology 109	2 hours	Electives	4 to 7 hours
Electives	2 to 5 hours		
	—		—
	15 to 18 hours		15 to 18 hours

Third Year

Biology 191	2 hours	Biology 116	3 hours
Physics 3	4 hours	Physics 4	4 hours
Chemistry 125	3 hours	Biology 192	2 hours
Chemistry 51	5 hours	Electives	5 to 8 hours
Electives	3 hours		
	—		—
	14 to 17 hours		14 to 17 hours

Fourth Year

Colloidal Chemistry	2 hours	Immunology and Serology	2 hours
Electives		Electives	

If the student spends four years in college he can by careful choice of electives meet the requirements for graduation. Some variation from the above suggestions is permissible.

DENTISTRY

It is suggested that students preparing to enter a school of dentistry follow the course recommended for those planning to study medicine. (See page 124).

ENGINEERING

Combined Curriculum

A combined curriculum in engineering, embracing a three year course in Kalamazoo College and a two year course in the

College of Engineering of the University of Michigan was approved by the faculties of both Colleges in the spring of 1940 and was authorized by the Board of Regents of the University of Michigan on June 14, 1940, and by the Board of Trustees of Kalamazoo College on June 15, 1940.

The student enters Kalamazoo College upon graduation from high school and takes specified courses in chemistry, physics, mathematics, and engineering drawing, together with courses of a general cultural nature, for a period of three years. He then transfers to the University of Michigan. After the successful completion of one year of study in the College of Engineering, he receives the Bachelor of Arts degree from Kalamazoo College. Upon the successful completion of two years' work in the College of Engineering, he receives the degree of Bachelor of Science in Engineering from the University of Michigan.

Applicants for admission to the Combined Curriculum must meet the regular requirements for admission to Kalamazoo College, must offer a major sequence in mathematics (including solid geometry), and must have taken while in high school a course in either chemistry or physics. They must have earned superior grades in high school, especially in mathematics and science.

The following outline indicates the courses for which the student registers at Kalamazoo College. Students will be advised by counselors in the College of Engineering regarding the courses which they will elect in that College.

First Year

	First Semester	Second Semester
English 1, 2	3	3 hours
Mathematics 1, 2	4	4 hours
Physics 3, 4[1]	5	5 hours
Speech 11		2 hours
Foreign Language	4	4 hours
Total	16	18 hours

[1] Chemical Engineers and Metallurigical Engineers should interchange Physics 3, 4 and Chem. 3, 4. They should also take Chem. 55, 56 the second year and Chem. 51, 52 the third year instead of the physics courses listed for those years. They will have to omit 3 hours Elective and 3 hours Humanities in the third year.

Second Year

	First Semester	Second Semester
Math. 51, 52	5	5 hours
Economics 51, 52	3	3 hours
Chemistry 3, 4[1]	4	4 hours
Physics 115[2], 118[3] [1]	4	4 hours
Total	16	16 hours

Third Year

	First Semester	Second Semester
English 53, 54	3	3 hours
Engineering Drawing	3	
Descriptive Geometry		3 hours
Humanities	3	3 hours
Social Science [3] [1]	3	3 hours
Physics 119, 120	3	3 hours
Elective[2], Humanities	3	3 hours
Total	18	18 hours

Students Planning to Attend Other Colleges of Engineering

Although admission requirements in different colleges of engineering vary, the student who takes the course outlined above will find, in most cases, that the transfer to any other college of engineering will be possible without loss of time.

Four Year Course

Students desiring to enter colleges of engineering with a broader preparation should take the full four year course at Kalamazoo College prior to enrolling in a college of engineering. The courses indicated above should be elected, but opportunity is afforded for further elections in non-science as well as in science and mathematics.

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[2] Electrical Engineers are advised to substitute Physics 104 for Physics 115 and to elect either Math. 111 or Physics 121 for the elective first semester of the third year.

[3] Physics 115, 118 alternates with Physics 119, 120 and the Social Science.

JOURNALISM

Journalism is not a specific profession, like law or medicine. It is rather a congeries of jobs, professions, avocations. A broad general education, including courses in composition, is fundamental to winning success on the higher levels of journalism.

LAW

The student who is preparing for the legal professionl should elect a wide range of courses in the social sciences and the humanities. His major may be taken in political science or history, but it is recommended that the field of jurisprudence be selected for the major work. Jurisprudence is the field of study "concerned with those phases of social engineering having to do with the ordering of human relations through the politically organized state." The student majoring in this field must elect at least forty semester hours in the several departments offering courses related to it. These courses should be selected in conference with the adviser, since the individual interests and inclinations of the student determine to some extent the nature of the program.

The best preparation for law school requires completion of the full four year college course. First year: English 1, 2; modern language; science; History 53, 54. Second year: Language (continued) and introductory courses in several of the social sciences. Third and fourth years: Courses in political science, history, sociology, economics, and philosophy selected in conference with the adviser. Courses which should be elected by all students include Political Science 75, 76; Philosophy 51, 52; History 55, 56.

MEDICINE

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

The Medical College Admission Test is designed by the Association of American Medical Colleges and is given each year in three hundred fifty approved examination centers. This test, prepared and administered by Educational Testing Service, may be taken either in November or in May but will not be given at any other time during the current academic year. Since most

of the medical schools use the Admission Test as a basis for selecting new students, every pre-medic is urged to take this examination during his junior or senior year in college.

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

First Year.

Biology 3, 4; Chemistry 3, 4; English; a foreign language.

Second Year

First Semester: Biology 105; Chemistry 55; Mathematics 1, if necessary; a foreign language.

Second Semester: Biology 106 or 116; Chemistry 56; a foreign language; electives 3 to 5 hours.

Third Year

First Semester: Biology 109; Physics 3; Psychology 51; English Literature 53; electives 2 to 4 hours.

Second Semester: Biology 106 or 116; Physics 4; English Literature 54, if desired; electives 3 to 5 hours.

Fourth Year

First Semester: Philosophy 51, 54; Sociology 51; Chemistry 51; electives 5 to 6 hours.

Second Semester: Chemistry 52; electives 10 to 12 hours. Electives should be chosen in accordance with the requirements of the medical school selected, as well as with the requirements for graduation from this college.

PERSONNEL

The field of personnel training is receiving increased attention from industrialists and educators. Personnel work deals with human relations in the workaday world. Personnel departments are maintained today in many business and industrial organizations; also in governmental, educational, and social welfare agencies employing a considerable number of people. Through the use of interviews, tests, ratings, and performance studies, individuals are selected for, placed in, and transferred to and from jobs on the basis of their interests, abilities, education and experience. A student who is interested in doing personnel work upon graduation will find that Kalamazoo College offers a number of very helpful courses in the fields of psychology, political science, economics and sociology. A knowledge of personnel principles and methods is of very real value for all students planning to enter

industry, business, social welfare work, education, or administrative work of any kind. Students are urged to counsel with the heads of the departments mentioned above as to a choice of courses in this field. They are reminded that group majors may be worked out for such related fields as economics and sociology, political science and economics, political science and sociology, with a minor in psychology. Among the courses which would be of value to students in these or related fields may be listed the following as possibilities: Labor Problems, Psychology of Personnel Management, Administration, etc. Kalamazoo College has planned its courses dealing with personnel problems in such a way as to provide a broad general basis of preliminary training which will serve as the foundation for an intelligent guidance and counsel training program.

NURSING

A few nursing schools now require the satisfactory completion of a college course leading to the Bachelor's degree. An increasing number require the satisfactory completion of two or more years of college work. College courses which furnish a sound background for nursing are those in chemistry, biology, psychology, English, speech, and sociology. Courses in philosophy, education, economics, history, modern languages, and appreciation of art and music should also be included. Abundant opportunities exist on a small college campus for the development of those qualities of temperament and personality which are essential in nursing, such as tact, constructive sympathy, resourcefulness, and adaptability.

First Year		Second Year	
Biology	8 hours	Comparative Anatomy & Embryology	8 hours
Inorganic Chemistry	8 hours	Organic Chemistry	8 hours
English	6 hours	Language	8 hours
Speech	2 hours	Psychology or Sociology	6 hours
Language	8 hours		
	32 hours		30 hours

Third Year	
Biology	6 hours
Sociology or Psychology	6 hours
Biochemistry	3 hours
Electives	15 hours
	28 to 30 hours

PUBLIC ADMINISTRATION

The diversity of positions and the difference in demand in each case make it difficult to suggest a complete program. Such a program should be worked out with a competent counselor in terms of the ability and interests of the individual student as they relate to the field of public administration. As history forms part of the essential background of any such training, students should plan to include work in English and American history, constitutional history, and political parties. This would indicate that History 53, 54 should be elected in the freshman year. Introductory courses in economics and sociology should be included in the second year elections in order to allow for further work in those areas during the junior and senior years. The courses in political science dealing with governmental processes should be considered in the second year, beginning with course 51. Psychology 51, 52 and basic courses in philosophy and ethics should also be included.

A functional major in the field of Public Administration aims to engage in the investigation of governmental problems by means of the background afforded by history, the meanings and values afforded by philosophy, the findings of psychology, the theories and methods of investigation developed by sociology, economics and political science. This program is based upon the unity of the social sciences.

SOCIAL WORK

Social Work is a growing profession for men and women. It includes social case work, social group work, community organization, public welfare administration, and certain phases of social research. Each of these fields represents several specialties. Full professional status requires about two years of graduate work in a professional school of social work after receiving the Bachelor's degree. However, many positions in public and private agencies are available to qualified college graduates. Students interested in social work should make their desires known to their counselors.

Students looking forward to a career in social work should begin a concentration in the social sciences by taking Sociology 51 and 56 in the sophomore year. In addition to a major in sociology, other sequences of courses should be planned in accordance with interest in the different fields of social work.

The College is a member of the Council of Social Work Education, an organization in the United States and Canada consisting of about sixty-five undergraduate colleges, sixty graduate professional schools, and certain other agencies providing education in social work.

TEACHING

Every state requires a teaching certificate of those who teach in its public schools. Such certificates are issued by the various states to those who have completed the requirements set by state authorities. Although such requirements differ, in general all candidates for a teacher's certificate must complete academic majors and minors of subjects taught in the school. They must also complete specified hours in education.

Candidates for certification in any state must plan a well rounded program of academic and professional courses in relation to the state requirements. They should also select carefully, and participate in, a reasonable number of campus and community activities which will give them experience in working with and organizing groups of young people of school age.

By careful planning, most students will be able to meet the requirements of the state in which they wish to teach. All candidates for certification should confer with the Director of Teacher Education as early as possible, preferably in the freshman year, to outline a program to meet the requirements of the certifying agency and of the college.

SECONDARY CURRICULUM

Michigan Secondary Provisional Certificate

SUGGESTED GROUP REQUIREMENTS

		Semester Hours
Group I:	Language and Literature	18
Group II:	Science	12
Group III:	Social Science	12
Group IV:	Education	20
	A minimum of 20 semester hours in professional courses, including the following, must be submitted: Directed Teaching in secondary grades — five semester hours. Methods in major or minor subject. Principles of Teaching, or equivalent. Psychology of Education, or equivalent. History of Education, or Philosophy of Education, or equivalent. Electives (Education) to complete 20 semester hours	
Group V:	Physical Education and Health	4
Electives		54

Note: The holder of a State Secondary Provisional or State Permanent Certificate may qualify for a State Elementary Provisional Certificate by meeting the following minimum requirements:

1. Must present at least 12 additional semester hours in the elementary field, one-half of which must be in professional education courses. These additional hours must be earned after the date of issue of the State Secondary Provisional Certificate.
2. The academic training shall include four minors, or a major (may be a group major) and two minors, and the equivalent of two minors must be in subjects or subject fields taught in the elementary grades.

ELEMENTARY CURRICULUM

State Elementary Provisional Certificate

First Year

First Semester	Hours	Second Semester	Hours
English 1	3	English 2	3
Biology 3	4	Biology 4	4
Modern Language	4	Modern Language	4
Art 57	3	Art 58	3
Physical Education	0	Speech 11	2
Electives	1-2	Physical Education	0
		Electives	1
	15-16		17

Second Year

Foreign Language cont. or English Lit. 53	3-4	Foreign Language cont. or English Lit. 54	3-4
Education 111	3	Education 56	3
Sociology 51	3	History 56	3
Physical Education	0	Physical Education	0
History 55 or Political Science 53	3	Physical Education 42	3
Electives	3-7	Electives	4-5
	13-17		16-17

Third Year

Education 120	4		
Music 111, 112	3	Psychology 121, Psych.	
Physical Education 53	2	of Reading	3
Electives	8-9	Electives	14
	16-17		17

Fourth Year

Education 125, Directed		Education 114	3
Includes Directed		Sociology 132	3
Teaching & Ed. Lab.	12	Electives	10-13
Teaching (8)			
& Ed. 123 El. Curric.	(4)		16-17
Sociology 131	3		
	15		

COOPERATIVE ARRANGEMENT WITH THE UNIVERSITY OF CHICAGO

In cooperation with the University of Chicago a plan has been inaugurated by which students in certain fields may follow a five-year course of study leading to a Bachelor's degree from Kalamazoo College and a Master's degree from the University of Chicago. Under this plan a student studies three years at Kalamazoo College and then two at the University of Chicago. Upon satisfactory completion of his first year at the University of Chicago, he should normally be able to meet the requirements for his Bachelor's degree from Kalamazoo College; and, upon satisfactory completion of his second year, the Master's degree from the University of Chicago. Any student interested in this plan should consult the head of the department in which he intends to do his graduate study.

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Term Expires in 1957

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Mrs. Ralph M. Ralston ..... 1st Vice-President
Mrs. A. J. Todd ..... 2nd Vice-President
Mrs. Stuart Irvine ..... Secretary
Mrs. Roger Becker ..... Treasurer

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Arranged in order of appointment to present rank, year indicating date of joining Kalamazoo staff.

WEIMER K. HICKS, 1953; B.A., Princeton; M.A., Cornell; LL.D., Ripon.
President

HAROLD THADDEUS SMITH, 1946; B.A., Doane; M.A., Ph.D., Iowa.
Vice-President and Professor of Economics

JUSTIN HOMER BACON, 1907-1944; B.A., M.A., Brown; Litt.D., Kalamazoo.
Professor Emeritus of French

FRANK BRUCE BACHELOR, 1921-1947; B.A., Franklin; B.D., Rochester Theological Seminary; D.D., Franklin.
Business Manager Emeritus

MARY MUNRO MORRIS, 1926-1951; Ph.B., Denison.
Assistant Professor Emeritus of Education

ARNOLD MULDER, 1929-1953; B.A., Hope; M.A., Chicago; Litt.D., Hope.
Professor Emeritus of English

ALLEN BYRON STOWE, 1928; B.S., Kalamazoo; M.A., Ph.D., Clark.
Professor of Chemistry

LUIKE JOHN HEMMES, 1925; B.D., Rochester Theological Seminary; M.A., Rochester; Ph.D., Chicago.
Professor of Philosophy and Psychology

THOMAS ORR WALTON, 1921; B.A., Kalamazoo; M.S., Chicago, Ph.D., Michigan.
Olney Professor of Mathematics

MARION HILLER DUNSMORE, 1929; B.A., Kalamazoo; M.A., B.D., Pacific School of Religion; Ph.D., Chicago.
Professor of Religion

RAYMOND LEE HIGHTOWER, 1934; B.A., Richmond; B.D., M.Th., Crozer; M.A., Pennsylvania; Ph.D., Chicago.
Professor of Sociology

RICHARD HUBBELL OLMSTED, 1943; B.A., M.A., Ph.D., Minnesota.
Professor of Spanish and French

FRANCES DIEBOLD, 1923; B.A., M.A., Wisconsin.
Professor of Biology

IVOR DEBENHAM SPENCER, 1946; B.A., M.A., Ph.D., Brown.
Professor of History

EDWARD M. RICKARD, 1954; B.A., M.I.T.; M.A., Columbia; Ph.D., University of Colorado.
Professor of Economics and Business

DONALD WILBUR VAN LIERE, 1949; B.A., Hope; M.A., Ph.D., Indiana.
Associate Professor of Psychology

†IAN GRAEME BARBOUR, 1949; B.A., Swarthmore; M.S., Duke; Ph.D., Chicago.
Associate Professor of Physics

GERALD L. BODINE, 1951; B.S., Whitewater State Teachers College; M.A., Northwestern.
Associate Professor of Education

HILDA TORSTENSEN MYERS, 1944; B.A., Radcliffe; M.S., Syracuse; Ph.D., Ohio State.
Associate Professor of Chemistry

WALTER W. WARING, 1949; B.A., Kansas Wesleyan; M.A., Colorado; Ph.D., Cornell.
Associate Professor of English

HENRY OVERLEY, 1934; Associate, American Guild of Organists; teacher's diploma, Sherwood Music School; student in organ under Wilhelm Middleschulte, David McK. Williams, and Palmer Christian.
Associate Professor of Music (Organ) and Director of Musical Organizations

LAURENCE BARRETT, 1953; B.A., Amherst; M.A., Ph.D., Princeton.
Associate Professor of English

HELEN THOMPSON MILLS, 1947; B.A., Miami; M.A., Illinois.
Assistant Professor of French

HENRY ALBERT LASCH, 1948; B.S., Pennsylvania State; M.S., Michigan.
Assistant Professor of Physical Education

ELTON W. HAM, 1947; B.A., Chicago; M.A., Kalamazoo.
Assistant Professor of Political Science

MICHAEL JOHN WASKOWSKY, 1949; B.F.A., Art Institute of Chicago; M.A., Chicago.
Assistant Professor of Art

ELIZABETH MARIE MAYER, 1950; Studied at the Universities of Munich, Heidelberg, Basel; Ph.D., Freiburg.
Assistant Professor in Foreign Languages

RALPH O. KERMAN, 1951; B.A., Kalamazoo; M.A., Illinois.
Assistant Professor of Physics

HARRY B. RAY, 1951; B.M., B.A., Yale; M.A., Michigan.
Assistant Professor of Music

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†On leave of absence.

LOUISE S. JOHNSON, 1950; B.A., William and Mary; M.A., Teachers College, Columbia.
Assistant Professor of Education and Dean of Women

H. LEWIS BATTS, JR., 1950; B.A., Kalamazoo; M.S., Ph.D., Michigan.
Assistant Professor of Biology

WEN CHAO CHEN, 1950; B.A., Grinnell; M.A., Ph.D., St. Louis.
Assistant Professor of Political Science and Acting Librarian

JOHN A. COPPS, 1950; B.S., M.S., Ph.D., Wisconsin.
Assistant Professor of Economics and Acting Dean of Men

ALLEN VAN BUSKIRK, 1953; B.A., M.S., Ph.D., Indiana.
Assistant Professor of Physics

VOLDEMARS RUSHEVICS, 1950; Professor of Music, Latvian State Academy and concertmaster of the Riga National Symphony Orchestra; concertmaster of the Kalamazoo Symphony Orchestra.
Assistant Professor of Music

LLOYD J. AVERILL, 1954; B.A., University of Wisconsin; B.D., Colgate-Rochester; M.A., University of Rochester.
Assistant Professor of Religion and Dean of the Chapel

NELDA BALCH, 1954; B.A., Albion College; M.A., University of Minnesota.
Assistant Professor of Speech

ROLLA LEONARD ANDERSON, 1953; B.S., Western Michigan; M.S., Michigan.
Director of Athletics and Instructor in Physical Education

ADA L. LOVELESS, 1953; B.S., Illinois; M.S., University of California in Los Angeles.
Instructor in Physical Education

SAM ROSS, 1953; B.A., Youngstown; M.A. Cincinnati.
Instructor in History

JOSEPH WILLIAM BOGART, 1953; B.S., M.A., Michigan State.
Assistant Coach

HAROLD J. HARRIS, 1954; B.A., M.A., Rutgers; Ph.D., Ohio State.
Instructor in English

DWIGHT THOMAS, 1954; B.A., Monmouth; M.A., Michigan.
Instructor in English and Speech

BENJAMIN GRAHAM, 1951; B.A., Kalamazoo; M.A., Chicago.
Special Lecturer in Sociology

WILBUR P. LAUGHLIN, 1952; B.A., Hobart, Harvard, Cornell, University of Vienna.
Special Lecturer in Economics

MARCELLA DALE, 1953; A.B., Western Michigan; M.A., D'Ecole Normale.
Special Lecturer in French

MABEL PEARSON OVERLEY, 1936; Teacher's certificate, Knox College Conservatory; student in voice under George Nelson Holt, Yeatman Griffith, and Richard Hageman.
Teacher of Voice

LILLIAN PRINGLE BALDAUF, 1938; Member Joseffer String Quartette, Chicago; member Women's Symphony Orchestra of Chicago; member Kalamazoo Symphony Orchestra.
Teacher of Cello

FRANCES O. CLARK, 1945; B.A., Kalamazoo; Fontainebleau; Julliard School of Music; student in piano under Guy Maier, Ernest Hutcheson, Marcelle Herrenschmidt, and Isadore Phillips.
Teacher of Piano

MARSHALL MYERS, 1954; B.M., M.A., Western Michigan College.
Director of Instrumental Music

ELVA JEAN NIBBELINK, 1954; Licentiateship, Royal School of Music, London, England; B.M., M.M., Northwestern; studied under Louis Crowder.
Teacher of Piano

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Bernice B. LeMense ..... Library Assistant
Henry Overley, Associate, American Guild of Organists, Director of Institute of Musical Art
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Shirley Martens, R.N. ..... College Nurse

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Clara L. Krueger ..... Secretary
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1938	W. Harry Rapley 504 Inkster Avenue, Kalamazoo, Mich.
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1940	Lawrence L. Kurth 2706 Thayer Drive, St. Joseph, Mich.
1941	John D. Montgomery Babson Institute of Business Administration, Babson Park, Mass.
1942	William H. Burke 611 Stuart Avenue, Kalamazoo, Mich.

1943	Hugh V. Anderson 9820 West H. Avenue, Rt. 9, Kalamazoo, Mich.
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1953	Robert Neeser 402 South Michigan, Vicksburg, Mich.
1954	Naida Shimer 338 E. Jefferson, Ann Arbor, Mich.

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Elaine Horn, '53 ..... Treasurer

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JANET ENSING SKILLMAN, '46 ..... Secretary
EUGENE P. STERMER, '51 ..... Treasurer

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SOPHIA ZMUDA BACON, '37 ..... President
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FRED C. GARBRECHT, '41 ..... President
434 Keeler Bldg., Grand Rapids, Mich.
CYNTHIA QUICK EDVAR, '51 ..... Secretary
JOHN VEENSTRA, '32 ..... Treasurer

INDIANAPOLIS ALUMNI CLUB

MARY PRATT NASH, '46 ..... President
3244 No. Keystone Ave., Indianapolis, Ind.

JACKSON ALUMNI CLUB

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STANLEY R. HYETT, '48 ..... Secretary

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CHARLES E. STARBUCK, '48 ..... Vice-President
VIRGINIA JOHNSON STONE, '47 ..... Secretary-Treasurer

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MARJORIE BACON, '28 ..... Secretary-Treasurer

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Chairman to be selected.

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KENNETH W. RAHN, '40 ..... Chairman
2200 No. Glenwood Pkwy., Minneapolis, Minn.

NEW YORK ALUMNI CLUB

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96 Smith St., Lynbrook, L. I., New York
JAMES B. PLATE, '45 ..... Vice-President
CAROLINE BURNS, '49 ..... Secretary
DORIS TODD, '51 ..... Treasurer

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WINIFRED M. JOHNSON, '27 ..... Chairman
5131 Spruce Dr., Philadelphia, Pa.

PITTSBURGH ALUMNI CLUB

JOHN A. OSBORN, '36 ..... Chairman
609 Cascade Rd., Forest Hills, Pittsburgh 21, Pa.

ROCHESTER ALUMNI CLUB

WENDELL V. DISCHER, '50 ..... President
99 Arlidge Dr., Rochester 16, N. Y.
EDITH HOVEN STROME, '45 ..... Vice-President
MARGARET PATERSON MCINTYRE, '27 ..... Secretary

ST. PETERSBURG ALUMNI CLUB

PAUL C. STAAKE, '21 ..... Chairman
257 Mateo Way, St. Petersburg, Fla.

SAN FRANCISCO ALUMNI CLUB

MAURICE E. POST, '21 ..... Chairman
2709 Dwight Way, Berkeley, Calif.

SEATTLE ALUMNI CLUB

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10533 2nd Ave., N. W., Seattle, Wash.

SOUTH BEND ALUMNI CLUB

JAMES TUMA, '42 ..... President
2503 North Main St., Mishawaka, Ind.
PATRICIA THOMPSON, '47 ..... Secretary-Treasurer

SOUTHERN CALIFORNIA ALUMNI CLUB

RALPH W. MCKEE, '34 ..... President
858 Orio Place, Pacific Palisades, Calif.
JERIENE WARD MCKEE, '35 ..... Secretary-Treasurer

SOUTHWESTERN MICHIGAN ALUMNI CLUB

FORREST S. PEARSON, '41 ..... President
250 Orchard Lane, Benton Harbor, Mich.
MABEL BENSON RATCLIFFE, '13 ..... First Vice-President
STANLEY M. BUCK, '32 ..... Second Vice-President
MARGARET FELLOWS GILMORE, '32 ..... Secretary
BENJAMIN L. DRIER, '43 ..... Treasurer
ESTHER DEN ADEL FERGUSON, '19, WILSON G. EBY, '38,
RUSSELL D. LYON, '26, MAURICE A. NELSON, '50, and
JESSIE HAYNE HOWARD, '06 ..... Directors

TOLEDO ALUMNI CLUB

RUTH GILDERSLEEVE NEUHAUS, '38 ..... President
3819 Sulphur Springs, Toledo, Ohio
VIRGINIA ORR BARBOUR, '42 ..... Secretary-Treasurer

WASHINGTON, D. C., ALUMNI CLUB

HAROLD B. SIMPSON, '37 ..... President
2000 Lansdowne Way, Silver Spring, Md.
HENRY C. PARKER, '15 ..... Vice-President
MARY ELIZABETH SMITH, '31 ..... Secretary-Treasurer

Degrees, Honors, and Awards

DEGREES CONFERRED
1954

Doctor of Divinity

Franklin D. Elmer
Chester H. Loucks

Doctor of Laws

George K. Ferguson

Bachelor of Arts

Carol Lee Adams — Manistee
Alfred Arkell (Magna Cum Laude) — Kalamazoo
James P. Bambacht — Kalamazoo
James R. Barnett — Michigan City, Ind.
R. Jerold Baum — Kalamazoo
William Paul Baumgartner — Kalamazoo
Janet Lou Beebe — Grand Rapids
Venice Mae Bernard — Delton
Conrad Frank Bernys — Kalamazoo
Evelyn Elizabeth Biek — Dowagiac
Louis Freeman Brakeman, Jr. (Magna Cum Laude) — Kalamazoo
Elizabeth Emme Brenner — Kalamazoo
Barbara Lee Brown — Kalamazoo
Arvalea Carol Bunning (Cum Laude) — Rock Island, Ill.
Marjorie Ann Burgstahler — Delton
James A. Cameron III — Rochester, N. Y.
Shirley Lou Case — Elmira, N. Y.
Eugene E. Cortright — Kalamazoo
Richard Bradway Crawford (Magna Cum Laude) — Kalamazoo
Richard D. Crooks — Saginaw
Julia Dean — Chicago, Ill.
Ethel DesAutels — Kalamazoo
Maynard Merle Dewey (Cum Laude) — Hickory Corners
Alice Grace Dill — Jackson
Joyce Tiefenthal Dillman — Kalamazoo
Bruce Douglas — Auburn Heights
Frederick Baier Dow — Detroit
James Stanley Farnsworth — Kalamazoo
Mary Jane Fee — Mishawaka, Ind.
Richard Cornwell Fleming — Bangor

Linda Crandall Flessner ..... Eagle
Dean L. Forhan ..... Detroit
Emanuel Glasser ..... Bronx, N. Y.
Ray Glasser ..... Bronx, N. Y.
Charles True Goodsell (Magna Cum Laude) ..... St. Joseph
Leslie Edwin Greene ..... Kalamazoo
Gail Irene Greenman ..... South Haven
Herbert Allan Grench (Cum Laude) ..... Seattle, Wash.
Sam Grow ..... Kalamazoo
James Richard Hagadone ..... Kalamazoo
Jean Mildred Hathaway (Cum Laude) ..... Mansfield, Ohio
William Allen Highfield ..... Greenville
John Powell Hinga (Cum Laude) ..... Plainwell
Shirley Anne Ind (Magna Cum Laude) ..... Ann Arbor
Philip Leonard Johnson, Jr. ..... Kalamazoo
Eugene T. Karnafel ..... South Bend, Ind.
Carl Theodore Koenen ..... Chicago, Ill.
Elaine Hannah Kontz ..... Birmingham
Peter Blades Lenox ..... Detroit
Margaret Jean Londergan ..... Royal Oak
Gary D. MacMillan ..... Posen
Jane Edith Mallory ..... Birmingham
LaVern J. Mario ..... Plainwell
James L. McFadden ..... Lacota
G. Robert Miyagawa ..... Kalamazoo
Carl P. Nelson ..... Trenton
Virginia Louise O'Brien ..... Benton Harbor
Ruth Jane Osterling ..... Rochester, N. Y.
Harrison C. Pearo ..... Kalamazoo
Marian L. Peet ..... Benton Harbor
John Eric Peterson (Cum Laude) ..... Evanston, Ill.
Robert P. Pfister ..... Lawton
Rudolf Max Planert ..... Bad Toelz, Germany
Jack Richard Price ..... Detroit
Rayma Del Ray ..... LaGrange, Ill,
Carol J. Reverski ..... Battle Creek
William R. Rogers (Magna Cum Laude) ..... Scotia, N. Y.
Anis Saba ..... Nazareth, Israel
Marvin Jay Schultz ..... St. Joseph
Naida Lucile Shimer (Cum Laude) ..... Watervliet
Barbara Jean Clapp Smith (Cum Laude) ..... Kalamazoo
Gail Carol Smith ..... Chicago, Ill.
Sue H. Stapleton ..... Toledo, Ohio
Edgar Clinton Staren ..... Congress Park, Ill.
Charles Richard Stiles ..... Charlotte

Roy W. Stricker ..... Greenville
Billie Jo Tanner ..... Kalamazoo
Theodore Lee Tiffany ..... Pontiac
Allen Dickson Tucker ..... Kalamazoo
Marcia A. Vander Meer ..... Grand Rapids
Robert C. Van Horn ..... Kalamazoo
Sue Van Houten ..... Rochester, N. Y.
Patricia Ann Victor ..... Buffalo, N. Y.
Marda Kipp Voorhees ..... Three Rivers
Frank Dennis Ward ..... Kalamazoo
William F. Way ..... Detroit
Frederic Earl Wiche, Jr. ..... Kalamazoo
James Stewart Wilson ..... Royal Oak
Donald Keith Wright ..... Detroit
Maynard Youngs ..... Midland

HONORS FOR THE YEAR, 1953-54

William C. Baum
Ellen Jane Brooks
Dorothy Cadieux
David Crane
Carolyn Crossley
Duane DeVries
Marilyn Draper
Norma Lee Durham
Donald Garwood
William Govier
Howard Hirschy
Martha Hoard
Marylou Howell
Fred Hudson
Timothy Lemon
Jerome Ludwig
Robert MacLeod
Thomas Manion
Jean McIntyre
Dorothy Nichols
Stanley Pavlick
Charles Seifert
Georgia Showalter
Jacob Slonimsky
Steward Stafford
Bruce VanDomelen

HIGH HONORS FOR THE YEAR, 1953-54

Samuel Allerton
Gretchen Bahr
Mary Jane Beattie
Richard Brown
Don Davis
Sivert Glarum
Donna Houghtby
Kathleen Lathers
Shirley Lostutter
Doris Martin
Gordon Noble
Mary Janet Osborn
Endrene Peterson
Richard Rhem

PHI KAPPA ALPHA

Class of 1955

Samuel Allerton
Mary Jane Beattie
Don Davis
Duane DeVries
Sivert Glarum
Martha Hoard
Donna Houghtby
Howard Hirschy
Elaine Johansen
Jerome Ludwig
Gordon Noble
Charles Seifert
Bruce VanDomelen

Class of 1956

Gretchen Bahr
Richard Brown
Endrene Peterson
Steward Stafford

ALPHA LAMBDA DELTA

Gretchen Bahr
Carol Elaine Beall
Mary Jane Beattie
Susan Jane Bowen
Martha Braden
Merrilyn Cigard
Marlene Crandell
Monica Evans
Lois Frey
Jeanette Anna Frost
Beverly Ann Gavel
Constance Gillesby
Theresa Hansen
Jean Louise Hilton
Martha Hoard
Elaine Johansen
Ruth Adelle Knoll
Judy Lindberg
Kathleen Maher
Doris Martin
Jean McIntyre
Mary J. Osborn
Karen Peterson
Jane Clara Pressel
Ruth Carol Sollitt
Donna Ullrey
JoAnn Valentine
Janice Vanderberg
Nancy West

PI KAPPA DELTA

B. Duane Arnold
Paul Eck
Sara Horn
Emil Pollard
Steward L. Stafford
Robert L. Thomason
Nancy Swanty

AWARDS AT HONORS DAY, 1954

Bert H. Cooper Prize in Physics
Richard Brown

LeGrand A. Copley Prize in French
Gordon Noble

A. B. Hodgman Prizes in Tennis
Thomas Smith
Robert Casler
Thomas Wylie

John Wesley Hornbeck Prize in Physics
Howard Hirschy
Bruce Van Domelen

Winifred Peake Jones Prize in Biology
William Govier
JoAnne Keller

Sherwood Prize in Freshman Oration
Jesse Schwoebel

Lemuel F. Smith Award in Chemistry
Sivert Glarum

Todd Chemistry Prize
Donald Garwood

Todd Sociological Prize
Kathleen Lathers

AWARDS AT COMMENCEMENT, 1954

Alliance Francaise Prize
Shirley Ind

Cooper Prize in Speech
Jean Londergan

The Florence E. Grant Memorial Award
Jean Hathaway
Shirley Ind

Hammond Prize in Philosophy
Eugene Karnafel

The Hodge Prize in Philosophy
Carol Reverski
Jerold Baum

John Wesley Hornbeck Prize in Physics
Herbert Grench

Hosking Memorial Prize Essay
Louis Brakeman

William G. Howard Prize in Economics
Robert Miyagawa

William G. Howard Prize in Political Science
Charles Goodsell
Louis Brakeman

Kalamazoo College Athletic Association Medal
Emanuel Glasser

The Oakley Prize (Highest Record for Entire Course)
Charles Goodsell

The Stone Prize in Education
John Peterson

The Upjohn Award in Chemistry
Alfred Arkell

The Clark Benedict Williams Prize in Mathematics
Alfred Arkell

Roster of Students

1954-55 Seniors

*Allerton, Samuel Ellsworth	Chemistry	Kalamazoo
Baum, William Chandler	Political Science	Three Rivers
*Beattie, Mary Jane	Art	Drayton Plains
Bendek, Rafael A.	Economics	Barranquilla, Colombia
Bowen, Jack Allen	Chemistry	Kalamazoo
Brenner, Marshall Hallock	Psychology	Kalamazoo
Campbell, Emerson Wheeler	Chem.-Biol.	Madison, Wis.
Casler, Robert Ronald	Economics	Kalamazoo
Copeland, Robert Leon	Economics	Watervliet
Corby, Patricia Ann	Sociology	Williamston
Cramp, James Robert	Economics	Kalamazoo
Crooks, C. Burtis, Jr.	English	Oaklyn, N. J.
Czarnecki, Eugene Francis	Economics	South Bend, Ind.
*Davis, Don Gordon	Biol.-Chem.	West Allis, Wis.
Davis, Richard Jesse	Biology	Detroit
Dayton, Donald	English	Kalamazoo
DeVries, Duane Kenneth	English	Kalamazoo
Dieterman, Lawrence John	Chemistry	Kalamazoo
Dodson, Arleigh Russell	Chemistry	Detroit
Doyle, Jack Michael	Economics	Kalamazoo
Dudley, Margaret Alice Curtis	Sociology	LaGrange, Ill.
Dunham, H. Stanley	Political Science	Detroit
Fox, Gladys Lyon	Biology	Dowagiac
Gideon, John Peter	Psychology	Kalamazoo
Gilman, Thomas Andrew	Chemistry	Kalamazoo
*Glarum, Sivert Herth	Chemistry	Wyncote, Pa.
Glass, Stanley Warren	Sociology	Parma, Ohio
Grissom, Irma Margaret	English	Royal Oak
Halasa, Wade Jerius	Economics	Madeheh, Jordan
Hansen, Theresa Amy	English Lit.	Elmhurst, Ill.
Haymans, Robert Lee	Speech	Berkley
Higdon, Nancy Jean	English	Kalamazoo
Hill, Arthur Edward, Jr.	Economics	Detroit
*Hirschy, Howard Joel	Physics	Kalamazoo
*Hoard, Martha Loreen	Music	Plainwell
Horn, Sara Jean	Speech	Grosse Pointe
Houghtby, Donna Faye	Music	Batavia, Ill.

*Class Honor List: Students who rank in the upper ten per cent of their class.

Howlett, Billy Neal	Political Science	Flint
Jamieson, Malcolm Arthur	Economics	Royal Oak
*Johansen, Elaine Margaret	Biology	Lincoln Park
Johns, Marion Jean	History	Detroit
Kellar, Philip Ernest	Biology	Gary, Ind.
Ketchen, Shirley Jean	Physical Ed.	South Bend, Ind.
Killeen, Mary Angeline	Spanish	Flint
Kimball, David Carl	Psychology	Grand Rapids
Larson, David Julian	Chemistry	Kalamazoo
Lathers, Kathleen Mabel	Sociology	Ypsilanti
Laycock, Susan Tyler	Speech Correction	Flint
Lemon, Timothy Dean	Political Science	Kalamazoo
Lewis, Phillip Welton	Economics	Cloverdale
Lostutter, Wanda Shirley	English	Ft. Wayne, Ind.
Ludwig, Jerome Howard	Chemistry	St. Joseph
McDonald, Mary Constance	Sociology	Rochester, N. Y.
McFadden, Daniel Bruce	Economics	Lacota
Mertz, Mary Jean	Art	Kalamazoo
Messany, Frank Lewis	Biology	Kalamazoo
Minto, Frank-Hooker Alfred	Sociology	Detroit
Morello, Charles John	Economics	River Forest, Ill.
Noble, Gordon Eugene	Chemistry	Vicksburg
O'Brien, John Charles	Sociology	Vicksburg
Olson, Irene Tiomina	Psychology	Waukegan, Ill.
Orsolini, Gene Francis	History	Chicago, Ill.
Phillips, Harry Trevor	Biology	Detroit
Priehs, Alvin Carl, Jr.	Speech	Detroit
Robertson, Judith Helen	Psychology	Detroit
Rutherford, Catherine Anne	Sociology	Portland, Maine
Sauer, Frederick A., Jr.	Psychology	Kalamazoo
Schofield, Mary Lou	English Lit.	Flint
Seifert, Charles Lee	Biology	Battle Creek
Siegel, Clyde Stuart	History	New York, N. Y.
Smith, B. Thomas M., Jr.	Economics	Flint
Steiner, Mary Caroline	Psychology	Pittsburgh, Pa.
Steinhilber, Don Charles	Economics	Berrien Springs
Stelle, Robert Earl	Biology	Kalamazoo
Styers, Stephen Earl	Sociology	South Bend, Ind.
Timmer, Robert Louis	Economics	Grand Rapids
*VanDomelen, Bruce Harold	Physics	Shelby
VanHaaften, Lee	Political Sci.	Kalamazoo
Vary, Wilber Burns	Political Sci.	Flint

*Class Honor List: Students who rank in the upper ten per cent of their class.

Vermeulen, Bertram William	Psychology	Kalamazoo
Ware, Ronald Arthur	Sociology	Flint
Wong, Margaret Yuk-Ying	Chemistry	Kamayut, Burma
Wood, Marcia Joan	Art	Kalamazoo
Wright, Gene Rodger	Chemistry	South Bend, Ind.
Wylie, Thomas Gilkey	Psychology	Kalamazoo

Juniors

Anderson, Thomas Roger	Vicksburg
Arnold, Berchard Duane	Jackson
*Bahr, Gretchen	Waukesha, Wis.
Bendek, Mary Lester	Mount Clemens
Bennett, Andrew Webbs	Chicago, Ill.
Bourne, C. William	Keego Harbor
Bowser, Richard Adrian	Niagara Falls, N. Y.
*Brown, Richard Irwin	Milwaukee, Wis.
Chamberlain, Ruth Louise	Royal Oak
Cordes, Margery Ann	Hastings
Crane, David Darrell	Cedar Springs
Crossley, Carolyn Anne	Kalamazoo
DeSalvi, Noble	Chicago, Ill.
*Diekmann, Jurgen	Siemensstr, Germany
Dornbos, LaMar Ethel	Spring Lake
Evans, Monica Ann	South Boston, Mass.
Forslund, Jon Charles	Grand Rapids
Fowler, James Harding	Kalamazoo
Frey, Lois Jean	Downers Grove, Ill.
Frueh, John Curt	Grand Rapids
Greenwood, Patricia Arlene	Granger, Ind.
Hackett, Dorothy Nichols	South Haven
Hackett, Richard Carl	Watervliet
Hargis, Marcia Dickson	Battle Creek
Haring, William Armstrong	Grosse Pointe
Hathaway, Thomas Russell	Mansfield, Ohio
Howell, Marylou Carolyn	Muskegon
Hudson, Fred Minor	Auburn, N. Y.
Johnston, Isabelle Ann	Mt. Clemens
Keller, JoAnne Elizabeth	Windber, Pa.
*Kram, Fleurette Lee	Chicago, Ill.
LaMonte, John Stevens	Pontiac
Lapsa, Ruta	Kalamazoo
LaScala, Anthony Louis	Kalamazoo

*Class Honor List: Students who rank in the upper ten per cent of their class.

Lewis, Clemence Elizabeth ..... Detroit
Lipschitz, A. Herbert ..... Bronx, N. Y.
Malcolm, George Augustus ..... Jamaica, British West Indies
McCullough, Anderson T. K. ..... Waukegan, Ill.
McGuineas, Roger Marshall ..... Oak Park, Ill.
McIntyre, Jean Louise ..... Rochester, N. Y.
McNerney, John Michael ..... Oak Park, Ill.
Meagher, Joseph A. ..... Bay City
Mehaffie, Hugh Frederick ..... Kalamazoo
Meyer, George Stephen ..... Jackson
Milan, James Vincent ..... Kalamazoo
Moran, David William ..... Holland
Patterson, Lloyd Dale ..... Kalamazoo
*Peterson, Endrene Nelsene ..... Manistee
Prince, Susan Cosette ..... Columbia, S. C.
Richards, Katharine Lombard ..... Chicago, Ill.
Ruhge, Justin Marlin ..... Kalamazoo
Schultz, David James ..... Kalamazoo
Senese, Donald William ..... Otsego
Shafer, Everett Edward ..... Western Springs, Ill.
Simms, Kathryn Suzanne ..... Detroit
Skora, Robert Francis ..... Kalamazoo
Slonimsky, Jacob Bernard ..... Bronx, N. Y.
*Stafford, Steward Layne ..... Jackson
Story, Joan Lee ..... Benton Harbor
Stowe, Donald Elvin ..... Kalamazoo
Stuut, David Neil ..... Kalamazoo
Thomason, Robert Layton ..... Newton Highlands, Mass.
Thompson, Ann ..... Manistee
*Ullery, Donna Beverly ..... Berwyn, Ill,
Underhill, Nancy Wolff ..... Wilmette, Ill.
VanStone, Paul Douglas ..... Albion, N. Y.
Vlachos, Angie ..... Kalamazoo
Webster, Gerald Freeman ..... Grosse Pointe
Wilson, Marilyn Everett ..... Ann Arbor
Woodruff, Alice Lincoln ..... Northville
Yannacone, Victor John, Jr. ..... Patchogue, N. Y.
Yost, Fred Van Alstyne ..... Trenton

*Class Honor List: Students who rank in the upper ten per cent of their class.

Sophomores

Baker, Laura Suzanne ..... Goshen, Ind.
Barnitz, Mary Eugenia ..... Rochester, N. Y.
Bedford, Louis Alec ..... Kalamazoo
Bolton, James Harold ..... Galesburg
Bonathan, Betty Lee ..... Flint
Bond, Neal Nelson J. ..... Comstock
Braun, Audrey Sue ..... Birmingham
Brewer, Noreen Davida ..... Rochester, N. Y.
Brown, Charles James ..... Fort Wayne, Ind.
Brown, Glen ..... Kalamazoo
Burns, Stephanie Jo ..... Kalamazoo
Chirolla, Rafael Clemente ..... Colombia
Clapp, Duayne Roger ..... Kalamazoo
Coash, Paul Francis ..... Kalamazoo
Conlin, Thomas Jerome ..... Kalamazoo
Connors, William Edward ..... St. Joseph
Crawford, Barbara Joyce ..... Kalamazoo
Crissman, Robert Charles ..... Utica
Davis, Maybelle Ann ..... Grand Rapids
Dean, Richard Robert ..... Kalamazoo
Dugan, Wilbert Gailord ..... Detroit
Duva, Albert ..... New York, N. Y.
Eck, R. Paul ..... LaGrange, Ill.
Ecker, John Frederick ..... Greenwich, Conn.
Frey, Anneliese Dorothy ..... Kalamazoo
*Frost, Jeanette Anna ..... Flint
Froyd, John Milton ..... Rochester, N. Y.
Furusho, Takakazu ..... Chiba City, Japan
Gallagher, Robert Louis ..... Kalamazoo
*Garwood, Donald Charles ..... Cassopolis
Goff, Mary Ann ..... South Bend, Ind.
*Govier, William Charles ..... Kalamazoo
Green, Howard Lawrence ..... Detroit
Greene, William Burrell ..... Kalamazoo
Hanson, Paul Joel ..... Chicago, Ill.
Harrington, Samuel Lewis ..... Climax
Hay, Donald Douglas ..... Detroit
Hennig, Katherine Marie ..... Auburndale, Mass.
Holmes, Richard Edwin ..... Grand Rapids
Jenkins, Robert Dunbar ..... Canandaigue, N. Y.
Johnson, Thomas Oakley ..... Kalamazoo

*Class Honor List: Students who rank in the upper ten per cent of their class.

Kelin, Kenneth Lee ..... Chicago, Ill.
Knott, Theodore Kenneth ..... Niles
Kramer, Norman Lee ..... Schoolcraft
Landeryou, Victor Allen ..... Saginaw
LaRoy, James Bernard ..... Evergreen Park. Ill.
*Lindberg, Judith Kay ..... Grand Rapids
Lublin, Sheldon Benjamin ..... Detroit
Lyon, Judith Jackson ..... Kalamazoo
*MacLeod, Robert Malcolm ..... Kalamazoo
Manion, Thomas Walsh ..... Kalamazoo
Martens, Shirley Elaine ..... Fulton
*Martin, Doris ..... Paw Paw
Marx, George Edward ..... Midland
*May, Judith Ann ..... Diablo Heights, Canal Zone
*McCabe, Barbara Ann ..... LaGrange, Ill.
McCain, Anne Kathleen ..... Jackson
McConnell, Thomas Omar ..... Coldwater
Mitchell, Judith Anne ..... Allegan
Mitchell, Mary Jane ..... Chicago, Ill.
Morrison, Gary Alan ..... Battle Creek
Mosier, Kenneth Alan ..... Kalamazoo
Mulvihill, Robert William ..... Kalamazoo
Nelson, Carroll Thomas ..... Battle Creek
Oliver, Carole Dorraine ..... Flint
*Peterson, Karen Evelyn ..... Detroit
Petrick, Helen Elizabeth ..... Englewood, Colo.
Pinchoff, Dean Dennis ..... Monroe
Pollard, Emil Edward ..... Berrien Springs
Pryor, David Bruce ..... Kalamazoo
Pucci, Paul ..... Bronx, N. Y.
Rainwater, Robert Hugh ..... Vicksburg
Rakich, Millicent ..... Chicago, Ill.
Replogle, Clyde Rayburn ..... Detroit
Revello, Raoul ..... Panama
Reynolds, Richard Paul ..... Detroit
Richardson, Eleanor Yvonne ..... Davison
Robb, Margaret Josephine ..... Detroit
Rosenberger, Douglas Alan ..... Kalamazoo
Sarenius, George Z. ..... Kalamazoo
Saylor, Howard Keith ..... Ft. Wayne, Ind.
*Schrader, Alan Jay ..... South Bend, Ind.
Schram, Gerald K. ..... Jackson

*Class Honor List: Students who rank in the upper ten per cent of their class.

Schroeder, Ronald Carl ..... Bay Village, Ohio
Seifert, Sally Anne ..... Battle Creek
Seward, Susanna Lloyd ..... Lewiston, Maine
Shaffer, Earl Richard ..... Canton, Ohio
Shell, Wayne Edward ..... St. Joseph
Slotterbeck, Thomas Harry ..... Jamestown, N. Y.
Smith, Sally Ann ..... Flint
Soderbeck, Phyllis Jean ..... Jackson
Springsteen, Arthur Bruce ..... Dowagiac
Stein, Gerald Hildine ..... N. Muskegon
*Stevens, Sarah Joanne ..... Dowagiac
Stewart, Robert Pollock ..... Kalamazoo
Stock, Mildred JoAnn ..... Kalamazoo
Swanty, Nancy Ann ..... Allegan
Sweet, John Duane ..... Ft. Wayne, Ind.
TerBurgh, Maryann ..... Augusta
*Townsend, Samuel Franklin ..... Montague
Tucker, Charles ..... New York, N. Y.
Veenhuis, Philip Edward ..... Kalamazoo
Wenzel, Elizabeth Ann ..... Ann Arbor
West, B. Nancy ..... Newton, Mass.
Wolchina, Rudolph Paul ..... Kalamazoo
Young, Dorothy Irene ..... Oak Park, Ill.

Freshmen

Addy, Lura Ann Marie ..... Lansing
Airo-Farulla, Joseph Anthony ..... Chicago, Ill.
Allen, Douglas Roland ..... Kalamazoo
Amidon, James Lee ..... Greenville
Anderson, Nancy Ellen ..... Minneapolis, Minn.
Andrews, Donald Wilson ..... Downers Grove, Ill.
Andrews, Warren Casson ..... Benton Harbor
Ashbolt, Elizabeth Suzanne ..... Detroit
Bale, Lawrence Robert ..... Croton-on-Hudson, N. Y.
Banky, Robert Arthur ..... Chicago, Ill.
Barber, Wilma Rae ..... Battle Creek
Bass, Janice Fay ..... Benton Harbor
Beal, Michael Emory ..... Mt. Clemens
*Beall, Carol Elaine ..... Watervliet
Becker, John Helsell ..... Lincolnshire, Ill.
Bell, Anne Louise ..... Rochester, N. Y.

*Class Honor List: Students who rank in the upper ten per cent of their class.

Bennett, Mortimer S. ..... Chicago, Ill.
Betteley, Charles Rollins ..... Grosse Point
Billings, Alice Eileen ..... Chicago Heights, Ill.
Blaisdell, Philip Wayne ..... Kalamazoo
Bloomquist, Susan Jane ..... Youngstown, Ohio
Boettcher, Walter John ..... Otsego
Booth, James Kent ..... Berrien Centre
Bowen, Susan Jane ..... Livonia
*Braden, Martha Brooke ..... Kalamazoo
Brouard, Carlos ..... Buenos Aires, Argentina
Brown, Margaret Anne ..... Bronxville, N. Y.
Calomeni, Anthony David ..... Lansing
Cassel, Fred Maurice ..... Portland
Chidester, David Lee ..... Battle Creek
*Cigard, Merrilyn ..... Lansing
Cooper, Patricia Ann ..... Kalamazoo
Courtney, Nelson Warn ..... Kalamazoo
Craig, James Curtis ..... Ft. Wayne, Ind.
*Crandell, Marlene Joan ..... Battle Creek
Cummings, Nancy Josephine ..... Kalamazoo
Curtiss, Carol Sue ..... LaGrange, Ill.
Cutler, Ellis Wayne ..... Kalamazoo
DeHoog, Herman William ..... Kalamazoo
deLeon, Rony ..... Topticapan, Guatemala, C. A.
Des Autels, Alice Aileen ..... Detroit
Dierks, Barbara Joan ..... Iowa City, Iowa
Dodson, Leslie Edward ..... Detroit
Drummond, Patricia ..... Tenafly, N. J.
Dungy, Jesse LeGora ..... Springfield, Ill.
Duran, Noel Edward ..... Troy, N. Y.
Earnest, William Glenn ..... Kalamazoo
Ehrle, Richard Craig ..... Detroit
Ellis, Robert Merrill ..... Benton Harbor
Ellwood, William Howard ..... Kalamazoo
Fariborz, Aflatoon ..... Tehran, Iran
Fassnacht, Robert Earl ..... South Bend, Ind.
*Fink, Carl Fredric ..... Milwaukee, Wis.
Fouty, William Jesse ..... Jackson
*Gavel, Beverly Ann ..... Glencoe, Missouri
*Gemrich, Alfred John ..... Kalamazoo
Gibson, Daniel Jeffry ..... Cadillac
*Gillesby, Connie Sue ..... Decatur

*Class Honor List: Students who rank in the upper ten per cent of their class.

Gilman, Arthur Kenneth ..... Kalamazoo
Glomp, Nancy Ruth ..... Rockford, Ill.
Goodhew, Carol Mae ..... South Bend, Ind.
Goodsell, Beverly Frances ..... Otsego
Gordon, Charles Eugene ..... Kalamazoo
Gordon, Robert Keith ..... South Bend,, Ind.
Gosset, Patricia Louise ..... San Isidro, Peru
Greenhut, Eric ..... South Bend, Ind.
Gregory, Elsie Ann ..... Wheaton, Ill.
Grimm, Frank Lewis ..... Grand Rapids
Guimond, James Kidden ..... Muskegon
Hacker, Richard Allen ..... Chicago, Ill.
Hahn, Mary Janet ..... Hammond, Ind.
*Halsey, Richard Charles ..... Birmingham
Harrington, David Francis ..... Climax
Hayne, George Shandrew ..... Williamston
Harriman, Clarence Arthur ..... Tawas City
*Hilton, Jean Louise ..... Pontiac
Hollar, Samuel Arthur ..... Muskegon
Hoover, Dale Duane ..... Sturgis
House, Agnes Gail ..... Saginaw
Hunt, Olive Adeline ..... Pittsford, N. Y.
Hunter, Sally Irene ..... Cleveland, Ohio
Iannelli, Vincent Leroy ..... Benton Harbor
Ingram, David Baird ..... Benton Harbor
Isham, Donald Ray ..... Elkhorn, Wis.
Johnson, Lloyd Joseph ..... Kalamazoo
Johnston, Marcia Lynne ..... Flint
*Kalchbrenner, John Hugh ..... Chicago, Ill.
Karlzen, Kenneth Wendell ..... Grand Rapids
Kibbey, David Edmund ..... Kalamazoo
Killeen, Charles Fred ..... Flint
*Knoll, Ruth Adelle ..... Oconomowoc, Wis.
Koeze, David Sibyl ..... Grand Rapids
Koudel, Dolores Ellen ..... Chicago, Ill.
Kroening, John Kenneth ..... New Buffalo
Lambrinopoulos, Theodore ..... Athens, Greece
Lausee, Kyle Kirkland ..... Jackson
Leaman, John Albert ..... Saginaw
Lee, Richard Dean ..... Kalamazoo
Leeuw, Linda Ann ..... Kalamazoo
*Leth, Thomas Dean ..... Oak Park, Ill.

*Class Honor List: Students who rank in the upper ten per cent of their class.

Lockwood, Shirley Ann ..... Detroit
Loomis, Charlotte May ..... Auburn, N. Y.
Love, Maurene Elaine ..... Kalamazoo
Low, Ronald Eugene ..... Niles
Maher, Kathleen Marie ..... Vicksburg
Mallon, Ethelyn Gail ..... Waukesha, Wis.
Manning, Donald John ..... Chicago, Ill.
Martorano, Philip Charles ..... Rochester, N. Y.
Mayne, Carolyn Joyce ..... Grand Rapids
*McBride, David William ..... Dearborn
Meagher, Robert Edward ..... Bay City
Meeker, Charles Martin ..... Prospect Heights, Ill.
Meier, Lois Jeanne ..... Livonia
Mercantini, Samuel Alfred ..... Mishawaka, Ind.
Merrell, Richard Lee ..... Flint
Metsa, Marlene Dee ..... Kalamazoo
Metzger, Daniel Schaffer ..... Greenville
Miller, Carol Josephine ..... Montague
Miller, Lawrence Eugene ..... Kalamazoo
Miniat, Glenn Joseph ..... Allegan
Morozowski, Daniel Alex ..... South Bend, Ind.
Morris, Niel John ..... Kalamazoo
Moshier, Michael Edward ..... Kalamazoo
Mulder, Dave Louis ..... Holland
NaRanong, Pongsan ..... Bangkok, Thailand
Naser, Thomas Charles ..... Tecumseh
Neilson, Christie John ..... Jackson
Nelson, Carroll Thomas ..... Battle Creek
Newberg, Richard Charles ..... Ludington
Niebet, Charles Thomson ..... Marshfield, Wis.
Noell, Charles Calvin ..... South Bend, Ind.
Olney, William Hobart ..... Chicago, Ill.
Penning, Frederick Leslie ..... Kalamazoo
Perry, Philip Pierre ..... Kalamazoo
Pershing, Rouland Eugene ..... Sturgis
Pleitavino, Renee ..... South Euclid, Ohio
Porter, Bette Kay ..... Three Rivers
*Pressel, Jane Clara ..... Grosse Pointe
Rakich, Milan Steve ..... Chicago, Ill.
Ramsey, Maryrose ..... Seattle, Wash.
Reinel, Robert Gordon ..... Warrenville, Ill.
Richards, John Thomas ..... Chicago, Ill.

*Class Honor List: Students who rank in the upper ten per cent of their class.

Roberts, Louis D. ..... Beaver Dam, Wis.
Ruetz, Albert George ..... Niles
Rupp, Marlys Jean ..... Marion, Kansas
Salter, Clare Joyce ..... Flint
Sautter, Roger William ..... Dearborn
Schaafsma, Jane Elizabeth ..... Holland
Schaitberger, Daniel Arthur ..... Grosse Pointe
Schlicher, Mary Ann ..... Lake Geneva, Wis.
Schoenhals, Kai Peter ..... Jackson
Schoon, Orah Wilhelmina ..... Highland, Ind.
Schram, Arthur Bennett ..... Jackson
Schwoebell, Jesse Jack ..... Marshall
Scott, Dale George ..... Watervliet
Shackleton, Richard James ..... Maplewood, N. J.
Shepard, Barbara Elizabeth ..... Kalamazoo
Shuler, Donald Lee ..... Benton Harbor
Sklar, Nelson Howard ..... Detroit
Smith, James Hickok ..... Bellevue
Snyder, Richard Alan ..... Wheaton, Ill.
*Sollitt, Ruth Carol ..... Midland
Steward, Douglas John ..... Mulliken
Steward, Robert Charles ..... Mulliken
Su, Ernestine ..... Pittsburgh, Pa.
Sweitzer, Judith Anne ..... Richland
Taylor, Paul Richard ..... Spring Lake
TerBerg, Garrett N. ..... Battle Creek
*Tivin, Fred ..... Skokie, Ill.
Todd, James Frank ..... Ada
Tucker, Irving Duane ..... Allegan
Turpit, Howard Daniel ..... Hastings, Nebraska
*Ugincius, Peter ..... Parma
*Valentine, Jo Ann ..... Clarkston
*Vanderberg, Janice Bethany ..... Ann Arbor
Van DeVoorde, Philip Everett ..... Rock Island, Ill.
Van Tassel, James McVay ..... Kalamazoo
VanWestrienen, John Frederick ..... Kalamazoo
Vaughn, Thomas Holley ..... Lansing
Vogel, Jerry Gerald ..... Bronx, N. Y.
Vose, Loyle ..... Kalamazoo
Wagner, John Coffill ..... Pacific Palisades, Calif.
Warfield, John Louis ..... Kalamazoo
Wasmuth, John Frederick ..... Grand Rapids

*Class Honor List: Students who rank in the upper ten per cent of their class.

Watson, Richard Clayton	Cadillac
Wells, Leslee Jean	Owosso
Werner, Clifford Larry	Battle Creek
Wesson, George Edward	Kalamazoo
White, David Rovelle	Scotts
White, Joan Marie	Scotts
Wiedmayer, Richard Alan	Ann Arbor
Wilkins, Dale Alan	LaGrange, Ill.
Wilkins, Richard Eugene	LaGrange, Ill.
Willis, Arthur Alan	Birmingham
Wilson, Sally Jane	Chicago, Ill.
Wixom, Harriett Sue	Gaylord
Wolosky, Irwin Louis	Bronx, N. Y.
Wundram, William H.	Grosse Pointe
Yoder, Marcia Lois	Cleveland, Ohio
Yodhes, John Anthony	Ferndale
Youngs, Margaret Beth	Midland
Yuell, Robert Harold	Somerville, N. J.
Zinn, David Clare	Kalamazoo

SPECIAL STUDENTS

Seeley, Burns Kellar	Washington, D. C.
Stocker, Susan Meek	Greenwich, Conn.
Vermeulen, Marie Annette	Kalamazoo
White, Ardath	Richmond, Ind.

POST GRADUATES

Crooks, Richard Duane	Saginaw
Michalsen, Magnus Albert	Kalamazoo
Petrilli, Anthony David	Grand Rapids

*Class Honor List: Students who rank in the upper ten per cent of their class.

SUMMARY

Class	Men	Women	Total
Seniors	59	26	85
Juniors	44	28	72
Sophomores	68	38	106
Freshmen	136	67	203
Special Students	0	4	4
Post Graduates	3	0	3
Totals	310	163	473

GEOGRAPHICAL SUMMARY

Michigan	314	Nebraska	1
Illinois	51	South Carolina	1
New York	26	Washington	1
Indiana	24	Washington, D. C.	1
Wisconsin	11	Argentina	1
Ohio	8	British West Indies	1
Massachusetts	4	Burma	1
New Jersey	4	Canal Zone	1
Pennsylvania	4	Colombia	1
Connecticut	2	Germany	1
Maine	2	Greece	1
California	1	Guatemala	1
Colorado	1	Iran	1
Iowa	1	Japan	1
Kansas	1	Jordan	1
Minnesota	1	Peru	1
Missouri	1	Thailand	1

Total 473

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College Calendar

First Semester, 1955-56

Sept.	15-16	Faculty Conference
	18-21	New Student Days
	22	Registration
	23	Classes Begin
Oct.	12	Honors Day
	15	Homecoming
Nov.	19	Mid-Semester Grades Due
	24	Thanksgiving Day Holiday
Dec.	8	Christmas Carol Service
	10	Noon — Christmas Vacation Begins
Jan.	3	Classes Resume, 8:00 a.m.
	25	Classes Close, 5:00 p.m.
	27-3	First Semester Examinations
Feb.	3	Noon — Semester Ends

Second Semester, 1956

Feb.	6	New Students
	7	Registration
	8	Classes Resume, 8:00 a.m.
	18	Washington Banquet
Mar.	6	Sophomore Tests
	23, 24, 25	Bach Festival
	24	Mid-Semester Grades Due
	29	After Classes — Spring Vacation Begins
Apr.	9	Classes Resume, 8:00 a.m.
	21	Founders Day
	30-5	Spring Course Elections
May	19	May Fete
	30	Classes Close, 5:00 p.m.
June	1-8	Final Examinations
	9-11	Commencement Program

1955

JANUARY

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1956

JANUARY

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