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KALAMAZOO COLLEGE is an institution of higher learning, offering instruction in the branches of education usually taught in colleges, with special emphasis on the liberal arts and sciences, leading to the degree of Bachelor of Arts. As an institution sponsored by and affiliated with the American Baptist Convention, the training and instruction is offered in a thoroughly Christian environment in keeping with the traditions of a church-related institution. It seeks to train young men and women 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; extra-curricular 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, the long-standing working arrangement with the social agencies of the city, and the contacts with industry through the Industrial Relations Center.

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 MANDELINE LIBRARY, a gift of the late Miss Mary Senter Mandelle of Connecticut, is the center of intellectual life on the campus. Lectures and discussions are often held in the Library Club Room, the seminar rooms, and the offices located in the Library.

Library services are provided for and carried out by professionally trained personnel and student assistants. The library collection is comprised of 60,000 carefully selected volumes, over 400 periodicals, comprehensive bibliographical tools, and pamphlets. In addition, there are special collections available for research and consultation.

The stacks are open to all students during library hours.
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. The building is well equipped for scientific study in these two fields, with a view to thoroughness in grounding students in these sciences and carrying the ablest of them through advanced courses toward significant research.

The machine shop, the dynamo machinery laboratory, a dark room, and chemistry storage rooms are located on the first floor. On the second floor of the building are the physics lecture room, offices, general physics laboratory, optics laboratory, electronics laboratory, and four private laboratories for advanced students; on the third floor, two chemistry lecture rooms, office, general laboratories for quantitative analysis, balance rooms, physical chemistry laboratory, biochemistry laboratory, and four private laboratories for advanced students; on the fourth floor, stock room, office, and general laboratories for inorganic and organic chemistry and quantitative analysis. A Foucault pendulum tower in the center of the building provides demonstration of the rotation of the earth.

THE LOUIS C. UPTON SCIENCE HALL, to be completed in the spring of 1956, is in memory of the late Louis C. Upton, founder of the Whirlpool Corporation and Trustee of the College. It will house the Biology and Mathematics Departments.

Biology laboratories and lecture rooms occupy three floors of Upton Science Hall. On the first floor are a botany-physiology laboratory, a seminar-exhibition room, and a lecture room which seats nearly 200 students and which is fully equipped for audio-visual aids. On the second floor are laboratories for general biology and natural history, a small lecture room, conference room, office, and storeroom. The third floor contains a micro-technique laboratory, anatomy-embryology laboratory, small lecture room, conference room, department office, staff laboratory, and storeroom. In addition, the department maintains a greenhouse and a modern photographic darkroom. It also houses the library and editorial offices of the Michigan Audubon Society. Other apparatus for work of instruction and research includes a large collection of periodicals and reprints on natural history subjects, over 500 bird specimens, and collections of bird eggs, plants, insects, mammals, and invertebrates and vertebrates.
HOBBEN HALL, residence for men, is the gift of Dr. Enos A. DeWaters, '99, and the late Mrs. DeWaters, '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.

The electronic language laboratory is located at the south end of Hoben Hall, providing the latest equipment for mass output and individual response in the study of foreign language.

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 and Harmon Halls there is a variety of room arrangements, including the regular single bedroom-study and double bedroom-study combinations. There are also suites for two men with one bedroom, study, and bath; and suites for four men with two bedrooms, study, and bath.
BOWEN HALL, built in 1902, is the administration building, shown in the foreground. Here are located the administrative offices and classrooms, an assembly hall and stage, the drama workshop, and the meeting rooms for student literary societies. 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, sun deck, 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.
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.

In 1955, recognizing the evolution of education in America during the last one hundred years, a new charter was introduced to the State Legislature and enacted into law. The new charter attempts to define more fully the relationship of the College to the founding denomination and, through greater understanding, bring about a more effective educational experience on the campus.
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, chmn., Harold T. Smith, and Everett R. Shober 1948-49
- John Scott Everton 1949-1953
- Harold T. Smith (Administrative Head) 1953
- Weimer K. Hicks Jan., 1954

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:

- Academic achievement in high school work that indicates probable success at Kalamazoo College.
- Recommendation from the principal or other school counselor certifying the student's ability to do college work.
- Demonstrating readiness for college in one of the following ways:
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*

<table>
<thead>
<tr>
<th></th>
<th>Each Semester</th>
<th>Total for Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition for full-time students</td>
<td>$237.50</td>
<td>$475.00</td>
</tr>
<tr>
<td>Tuition for part-time students, carrying fewer than 10 semester hours, is $25 per semester hour.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Fees</td>
<td>$37.50</td>
<td>$75.00</td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Board and Room</td>
<td>$350.00</td>
<td>$700.00</td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
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</tbody>
</table>

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.

* 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, violoncello, 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 by new applicants within three weeks after admission to assure a room in a dormitory. Room assignments will be made according to date of payment, with the better rooms being assigned to the early applicants.

Paid by all other dormitory residents before August 1 in order to retain a room reserved in the spring.
The deposit is applied on the payment of bills at the time of registration.

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—the dormitory, dining hall, classroom, library, laboratory, or elsewhere. These charges for damages are made against the deposits of individuals, dormitory or other groups, or the entire student body, as social responsibility seems to warrant. Each student's deposit must be replenished at the beginning of each semester.

PAYMENT OF BILLS

Bills are payable to Kalamazoo College at the Business Office. Semester bills are due upon the student's arrival on the campus, although payment in advance by mail or otherwise is advised. If desired, deferred installment payments can be arranged. When so arranged, the first payment is due in advance 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 to the amount deferred.

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. The College is not obligated to provide 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 new 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.

Room reservations for the next college year by students already living on campus are made in the spring. A $5.00 room reservation payment is required before the reservation is made, and the $50.00 deposit must be completed by July 31 to hold the room beyond that date.

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.

Beginning with the fall of 1957, new students who apply for scholarships or grants will be expected to take the Scholastic Aptitude Test of the College Entrance Examination Board.

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 39, 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.

II. HONOR SCHOLARSHIPS

Recognizing the intrinsic value of scholarship itself, the College awards Honor Scholarships of $100 each to entering 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 39, 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 in 1954 for a student of financial need and with an interest in the general field of writing or journalism. The annual award is $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, is awarded on the basis of outstanding scholar-
ship and leadership qualities and a need for financial assistance.

The John Wesley Hornbeck Scholarship, established in 1951 to aid students in physics. The annual award is $250.

The Charles Kurtz Jacobs Scholarship, established in 1951 to aid students in mathematics. The annual award is $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-thirty 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 annual award is $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 for 1956-57 will be $400.

The Boston Alumni Scholarship, established by alumni of the Boston area. The amount for 1956-57 will be $400.

The Chicago Alumni Scholarship, established by alumni of the Chicago area. The amount for 1956-57 will be $400.
THE PITTSBURGH ALUMNI SCHOLARSHIP, established in 1955 by the alumni of the Pittsburgh area. The amount available for 1956-57 will be $400.

THE ROCHESTER ALUMNI SCHOLARSHIP, established in 1951 by the alumni of the Rochester area. The amount available for 1956-57 will be $400.

THE WASHINGTON, D.C., ALUMNI SCHOLARSHIP, established in 1955 by the alumni of the Washington area. The amount available for 1956-57 will be $400.

DETROIT EDISON COMPANY SCHOLARSHIP. The Detroit Edison Company has assigned to Kalamazoo College a scholarship of $200 for the academic year 1956-57. 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.

FOREIGN STUDENT SCHOLARSHIP FUND, established anonymously in 1955. $1000 available annually.

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 1956-57.

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 1956-57.

C. ALLAN HARLAN SCHOLARSHIP, established in 1955. The amount available for 1956-57 will be $1,000.

KALAMAZOO MOTOR FREIGHT AGENTS CLUB SCHOLARSHIP, established in 1955 for students having a physical handicap. The amount available annually is $500.

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 39, 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 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 annual award is $100.

LATVIAN SCHOLARSHIPS, established in 1955 for children of Latvian parents who have come to live in Michigan.

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 annual award 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 annual 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. The annual award is $50.

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 Municipal Research where his theoretical study of government administration is supplemented by contact with the processes of a functioning governmental unit. Applicants who have completed an honors major in Public Administration may expect to complete the work for the Master's degree in one year. The scholarship carries a stipend of $400 for the year. 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 1956-57 is $1230.

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 attend 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 1, 1956; January 12, 1957; March 16, 1957; and May 18, 1957. Centers for the examination are located throughout the country at 150 mile intervals, each serving the communities within a 75 mile radius. Kalamazoo College serves as one of the examination centers.

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 Jessie 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 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 Sarah A. DeWaters Fund**, established in 1970 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 1954 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 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 $143,844.
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 GOODSSELL 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 Wednesdays 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. 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 nurses. The College does not assume financial responsibility for this medical service but does provide registered campus nurses. 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. 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 collected by the Business Office.

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. Contacts are maintained with the public schools, graduate and professional schools, business firms, and governmental agencies.

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 faculty committees for the promotion of extra-curricular activities.

The Senate is the executive committee of the Student Body. It consists of the elected officers, 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, com posed 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 So-
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.

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**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 madrigal singers, the men's varsity quartet and the women's varsity quartet. Members are selected by tryout 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 Circle K is the College service club established by the local Kiwanis International Club. Its purpose is to be of service to the College.

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.

La Sociedad Hispanica provides an opportunity for the use of the Spanish language among students who have completed elementary work in Spanish. Its programs stimulate interest in the literature, arts, and customs of Spanish speaking countries.

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 plan-
ing and presentation of programs in that language. Meet-
ings 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.

**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 busi-
ness 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 De-
partment 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 1974 in memory of her husband, class of 1936, 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 organ-
ization 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 pres-
tent 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 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 James Bird Balch Prize in American History, endowed to the sum of $1,000, is awarded to that member of the graduating class who has done the best work in the field of American history.

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 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 an annual prize for excellence in the Department of Education to be known as the Stone Prize, in honor of J. A. B. Stone, D.D., president of the College from 1843 to 1863.

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 Alliance Française Prize in French, is given to a member of the graduating class for excellence in French.

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 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 A. B. Hodgman Prizes in Tennis, awarded to members of the tennis squad making the greatest academic improvement.

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 class work, students are required to enroll officially. They must complete financial arrangements in the Business Office for the semester's fees, and file in the Records Office an election blank approved by their faculty counselor. These constitute registration.

Registration of students for the first semester will occur on Thursday, September 20, 1956, and for the second semester on February 5, 1957. A fee of $1 per day up to $5 is charged for 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, courses may not be entered except upon the recommendation of the faculty counselor and the approval of the Personnel Committee. A student wishing to withdraw from a course during the first six weeks of a semester may officially do so 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 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 3, 1956, and April 24, 1957. 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. Grade A 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 op­
portunity 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.

An "I" is given for work of acceptable quality when the
full amount required for the course is not done because of
illness or some other extraordinary reason. "I"’s (Incom­
pletes) are not to be given for poor or neglected work. In
reporting to the Records Office, all "I"’s are to be accom­
panied by a tentative grade in parenthesis and a written
statement by the instructor indicating the reason for incom­
pletion of work and the date for removal thereof. Incompletes
not removed by the end of the following semester autom­
atically become Failures.

Students engaged in advanced study or research that over­
laps the traditional semester course termination will be re­
ported to the Records Office as “in progress,” followed by the
tentative grade in parentheses.

Reports of grades are sent regularly to parents or guard­
ians at the close of each semester. On request, grade reports
are sent to the schools in which the students were prepared.

CLASSIFICATION OF STUDENTS

Students are classified in terms of minimum semester hours
earned and minimum cumulative grade point averages at­
tained as provided by the table below:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Hours Earned</th>
<th>Cumulative Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>To be a Sophomore</td>
<td>24</td>
<td>1.60</td>
</tr>
<tr>
<td>To be a Junior</td>
<td>56</td>
<td>1.80</td>
</tr>
<tr>
<td>To be a Senior</td>
<td>88</td>
<td>1.93</td>
</tr>
</tbody>
</table>

HONORS

HONORS FOR THE YEAR. Students who have attained
their appropriate classification 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, includ­
ing 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, qual-

PROBATION AND DISMISSAL

a. A student is placed on probation by the Personnel Com­
mitee whenever his cumulative average or his average
for a semester falls below the above classification stand­
ards. Failure to achieve the appropriate cumulative
grade point average in the succeeding semester may
result in a request by the Committee that the student
withdraw from the College because of poor scholarship.

b. In any case, a student who fails to attain the following
minimum cumulative grade point averages forfeits his
right to remain in College and automatically withdraws.

End of First Year 1.30
End of Second Year 1.65
End of Third Year 1.86

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 attend­
ance.
ity 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 22, 1956. 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 honors in a foreign language major, the student will be required to take a portion of both the written and the oral examinations in the language of his major. 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

I Basic Requirements

In order to earn the Bachelor's degree, each student must complete 120 semester hours of academic studies and earn an average of "C" or better in all his work undertaken. His program of studies must include the following:

a. Six hours of Freshman English. In addition, the student must make a satisfactory score in the Sophomore English Proficiency Test.

b. A noncredit course in Physical Education taken through four semesters.

c. Two semester hours of Basic Speech unless the student has taken at least one unit of Speech in high school.

d. A major concentration of not less than 24 semester hours in a chosen field of study with a grade of "C" or better in each course.

e. A distributed program, to be achieved by the following:

1. Six semester hours of English Literature or of Literature taught in a foreign language.

2. Completion of the intermediate course of any Foreign Language, except that those students who have had two or more years of Foreign Language in high school and who demonstrate competence on a placement test need take only one year of any Foreign Language.

3. Nine semester hours chosen from courses in Art, Music, Philosophy, and Religion. Of these nine hours, six must be in Philosophy and/or Religion.

4. Twelve semester hours chosen from courses in at least two departments of Social Science.

5. Eight semester hours in one Laboratory Science.

A complete statement of the requirements for the Bachelor's degree follows:
II Complete Statement of Requirements

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.

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. Satisfactory completion of the intermediate courses in a foreign language (courses 3 and 4). Entering students may qualify to take the intermediate or even advanced courses by means of an achievement test administered at the time of entering. Those who so qualify may, if they choose, fulfill the language requirement by substituting the elementary courses (1 and 2) in another foreign language in lieu of continuing in the same language. The language requirement should be completed 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.

Transfer students must have a C average in the work taken at Kalamazoo College as well as in the total work taken.

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.

g. Twelve semester hours in theoretical and historical courses in at least two departments of 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.

j. A student with a major concentration in Division II, and with two semesters of satisfactory work in each of three departments in that Division, may elect:

1. Two additional semesters of a Foreign Language instead of English Literature;

2. Six semester hours in the Departments of Philosophy and/or Religion instead of nine semester hours in Division III; and

3. Six semester hours in Theoretical and Historical courses in Division IV.

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 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 are expected to 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, Greek, Latin, Russian, 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; and courses with numbers followed by R are given either semester or both: Education 120R.

The termination of a course is indicated by a period following the course number: Speech 11. or English Composition 1, 2.

Full year courses for which credit is given for either semester are indicated by having the first and second semester numbers separated by a comma: English Composition 1, 2. Full year courses into which a student may not enter the second semester without having had the first are indicated by having the second semester numbers enclosed in parentheses: French 3, (4).

Full year courses for which credit is not given for the first semester until the second semester is completed are indicated by hyphenating the course numbers: Political Science 291-292.

Courses offered on alternate years are so designated by notation indicating their status for the year 1956-57.

The College reserves the right to withdraw any course for which the registration is considered insufficient.
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, Mesopotamian, Minoan, Greek, and Roman art. Three hours, second semester.

51. Medieval Art.

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. Offered 1956-57. 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 the 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.

59, 60. Life Drawing.
   Study and drawing of the anatomy and action of the human figure. Quick sketches for movement and sustained studies in a
KALAMAZOO COLLEGE

variety of media. Prerequisite, courses 3, 4, 53, 54. Two hours throughout the year.

61, 62. Ceramics.
Study and practice of the techniques of pottery from coil-building to wheel work, casting, glaze calculation, ceramic decoration, and stacking and firing of kiln. Prerequisite, courses 3, 4, 53, 54. 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 DEBOLD, 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.

63. Anthropology. (See Sociology 63.)

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 upperclassmen 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. Offered 1956-57. 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 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. Not offered 1956-57. Two hours, each semester.

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. Not offered 1956-57. Three hours, each semester.

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. Offered 1956-57. 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, Chem.; Mrs. Myers

Students majoring in the department with the intention of following a professional career in chemistry are advised to take courses 3, 4; 101, 102; 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.

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.

About two-thirds of the first semester is devoted to a study of qualitative analysis, the lectures, recitations, and problems dealing with analytical reactions from the point of view of the laws of chemical equilibrium 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 gravimetric and volumetric analysis. Prerequisite, course 3, 4. Three lectures and two laboratory periods of three consecutive hours per week. Five hours throughout the year.
109, (110). Physical Chemistry.
Lectures, recitations, problems, and laboratory work, introduc-
ing the student to the principal chapters of modern chemical
theory. A knowledge of organic chemistry is desirable. Pre-
requisite, Chemistry 3, 4; 101, 102; 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 Up-
john 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 chem-
ical 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 require-
ments 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 dis-
cussed in terms of their organic chemistry, osmotic equilibria,
and hydrogen ion concentration and the properties of macro-
molecules. Prerequisite, courses 55, 56; 101, 102 or the permission
of the instructor. Two lectures and one laboratory period of
three consecutive hours per week. Three hours, first semester.
128. Organic Qualitative Analysis.
A systematic study of the characteristic qualitative reactions
of organic substances, including the classification and identification
of such compounds. Prerequisite, courses 55, 56, 101. Two lectures
and two two-hour laboratory periods. Four hours, second se-
mester.
151, 152. Advanced Chemistry.
Advanced laboratory work in analytical, organic or physical
chemistry may be undertaken by properly qualified seniors ma-
joring in chemistry by permission of the staff member directing
the work. Two hours credit.
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.

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.

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. Not offered 1956-57. 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.

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.

The thinking of the great economists, particularly of the 19th and 20th centuries, is analyzed with a view to giving the student an understanding of the basic economic issues and problems of Western Civilization. Capitalistic, socialistic, fascistic and communistic economics will be analyzed 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. Offered in 1956-57. Three hours throughout the year.

134. Statistics. (See Psychology 134.)
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 1956-57. Two hours throughout the year.

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.

Labor unions and collective bargaining are analyzed 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.


A common sense consideration of the principles of law (particularly 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 1956-57. 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. Not offered 1956-57. 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 1956-57. 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.; MR. COLLINS, MRS. JOHNSON

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 students 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 116, 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.

111. 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 1956-57. Three hours, first 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.

116. 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. Three hours, second 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. Not offered 1956-57. 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. Offered 1956-57. Two hours, first semester.

120R. 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 (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.

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. (Cat. No. 370A and 370B.)

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 visitsations, 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 aca-
demic 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 1956-57.

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, Chairman; Mr. Barrett, Mr. Stavig, Mr. Harris, Mrs. Balch, Mrs. French, Mr. Morrell

I. Language and 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. Three hours throughout the year.

61. Advanced Composition.
   Practice in clear and effective exposition for students who expect to use writing in their professions. Three hours, first semester.

62. Creative Writing.
   Practice in creative writing and critical reading. Prerequisite, English 61. Three hours, second semester.

103, 104. Shakespeare.
   A study of the dramas of Shakespeare. Alternates with 105, 106. Offered 1956-57. Three hours throughout the year.

105, 106. American Literature.

II. Speech

A major in speech consists of courses 23, 24; 117, 118; 127, 142, and ten hours of elective courses and such collateral courses as may be individually required.

23, 24. Introduction to Theatre.
   Practical course in theatre. Study of costume, make-up, lighting, and scenery. Laboratory work on college productions and studio productions is required. Two hours throughout the year.

145. History of Theatre.
   Survey of literature in the field including history and criticism. Drama as related to the other arts. Three hours, first semester.
156. Direction.
A study of the principles of play direction with the production of a one-act play as the final project. Prerequisite, Speech 23, 24, and 145. Three hours, second semester.

117, 118. Interpretation.
A study of the principles of effective oral reading with special attention to literature-prose and poetry — for public presentation. Two hours throughout the year.

122. Acting.
A study of the techniques and principles of acting. Two hours, second semester. (Offered every other year.)

Students who wish to major in speech with an emphasis on drama are required to take English 62, 103, 104, and 114, and Art 3.

Public Address

11R. Basic Speech.
A study of the principles of effective oral communication. Required of all students who are not credited with one year of speech on their high school transcripts before the end of their sophomore year. Two hours, offered each semester.

12R. Public Address.
The study and practice in extemporaneous presentation of types of speaking with particular emphasis on organization of material, oral language techniques, and understanding of the audience. Two hours, offered each semester.

51. 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. Not offered 1956-57. Two hours, first semester.

52. Argumentation and Debate.
A study of principles of argument. Not offered 1956-57. Two hours, second semester.

127. Persuasive Speaking.
A study of the means of influencing human behavior by means of the spoken word through the various forms of platform address. Three hours, first semester. Offered 1956-57.

142. Voice and Diction.
A study of the physical, physiological, and psychological bases underlying phonation. Special emphasis upon the diction and voice of the individual. Offered 1956-57. Three hours, second semester.

FOREIGN LANGUAGES

191, 192. Individualized Study.
May be taken in public address or drama upon consent of instructor.

Students who wish to major in speech with emphasis on public address are required to take Philosophy 53.

FOREIGN LANGUAGES

Mr. Boyd-Bowman, Chmn.; Mr. Olmsted, Mr. Dunsmore, Mrs. Mills, Miss Mayer, Mrs. Dale, Mr. Rushevics

Concerning foreign language requirements for graduation, see "Requirements for the Bachelor's Degree." A major in a foreign language consists of a minimum of twenty-four hours, exclusive of courses 1 and 2. The history of literature course in the major is required, and in addition, another survey of literature course within the department is recommended. A program of cognate courses will be worked out by the department. Courses 51, 52 are required for a major and for a teaching minor. German 97, 98 and Spanish 90 do not carry credit in a major or a teaching minor.

Foreign language majors will be encouraged to spend a summer in Mexico, Europe, Quebec, or in special foreign language schools in the United States. Those wishing to attend foreign summer schools for scholastic credit should first consult with the department.

French

1, (2). Elementary French.
Grammar, selected readings, written and oral practice. Three class periods and one two-hour laboratory a week. Four hours throughout the year.

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

51, 52. Advanced French.
Practice in written and oral expression, grammar, discussions, reports, dramatic skits. Prerequisite, course 4 or equivalent. Two hours throughout the year.

Reading and interpretation of outstanding short stories, plays, novels, poems. Outline of historical background and literary movements. Introduction to critical analysis. Prerequisite, course
4 or equivalent. Not offered 1956-57. Three hours throughout the year.

Study of the development of the novel. Representative novels are read and interpreted. Outline of historical background but stress on 19th century novelists. Prerequisite, course 4 or equivalent. Given every other year, alternating with course 103, 104. Offered 1956-57. Three hours throughout the year.

103, 104. French Drama.
Study of the development of the drama. Representative plays are read and interpreted. Outline of historical background. Prerequisite, course 4 or equivalent. Given every other year, alternating with courses 101, 102. Not offered 1956-57. Three hours throughout the year.

181, 182. Seminar in French Literature.
This course varies from semester to semester and constitutes readings in modern French literature: Gide, Peguy, Claudel, Proust, Sartre and others. Prerequisite, six hours above course 4. Two or three hours.

191, 192. Individualized Courses in French.
Offered to advanced students as need arises.

German

1, (2). Elementary German.
The essentials of pronunciation, vocabulary and grammar. Adapted readings from 19th century writers. Three class periods and one two-hour laboratory per week. Four hours throughout the year.

Review of grammar, aural-oral and written practice, reading of literary and cultural texts. Prerequisite, course 2 or equivalent. Four hours throughout the year.

51, 52. Advanced German.
Language analysis, practice in aural understanding, oral and written expression, reading with a view to building up vocabulary and increasing speed. Prerequisite, course 4 or equivalent. Two or three hours throughout the year.

55, 56. Modern German Literature.
Reading and interpretation of selected works by representative modern authors. Outline of historical background and literary movements since 1880. Prerequisite, course 4 or equivalent. Two or three hours throughout the year.

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. Two hours throughout the year.

121, 122. History of German Literature.
A survey of German literature interpreted against a background of German civilization. Reading of 18th and 19th century classics. Three hours throughout the year.

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. Offered 1956-57. Four hours throughout the year.

Readings in classical and New Testament Greek. The selections read are determined by the interest and ability of the class. Given in alternate years. Prerequisite, course 2 or equivalent. Not offered 1956-57. Four hours throughout the year.

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, vocabulary and pronunciation. Four hours throughout the year.

Spanish

1, (2). Elementary Spanish.
Grammar, selected readings, written and oral practice. Three class periods and one two-hour laboratory a week. Four hours throughout the year.
3, 141. 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 Conversation.
   Practice in oral expression, composition, grammar, discussions, reports. Prerequisite, course 4 or equivalent. Two hours throughout the year.

   The growth of Spanish life and thought as revealed through masterpieces of Spanish literature from 1150 to the present day. Given partly in Spanish. Prerequisite, course 4 or equivalent. Offered 1956-57. Three hours throughout the year.

55, 56. Modern Spanish Literature.
   Reading of popular works representative of the literary movements in Spain during the 19th and 20th centuries. Reports in class. Prerequisite, course 4 or equivalent. Offered 1956-57. Three hours throughout the year.

92. Commercial Spanish.
   Study of epistolary forms and commercial terminology. Reading and composing of business letters. Prerequisite, course 4 or equivalent (or course 3 by special permission). Two hours.

93, 94. Spanish American Literature and Culture.
   Reading and interpretation of varied selections from all periods, together with a study of the historical and cultural backgrounds. Reports in class. Prerequisite, course 4 or equivalent. Not offered 1956-57. Three hours throughout the year.

176. How Spanish Grew.
   A study of the cultural forces and internal changes which over a period of twenty centuries made Spanish what it is today. Seminar. Not offered 1956-57. Three hours, second semester.
pansion in modern times. The course is recommended to both
pre-law students and literature majors. Open to sophomores,
juniors and seniors. Offered 1956-57. Three hours throughout
the year.

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 Egypt 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. Not offered 1956-57. 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 institutions of the period: feudalism, the manorial system, the Holy Roman Empire, and the papacy. Open to sophomores, juniors, and seniors. Not offered 1956-57. 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 1956-57. Three hours, second semester.

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. Not offered 1956-57. Three hours throughout the year.

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 1956-57. 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.)

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 draft-
ing-room periods, three hours homework a week. Three hours,
first semester.

24. Descriptive Geometry.

This course is designed to enable the student to solve the basic
geometrical problems of engineering. At the same time the sub­
ject 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 me­
chanics are used. Prerequisite, course 1, 2 or equivalent. Five
hours, each semester.

105. Theory of Equations.

An intensive study of methods of finding roots of equations
and of solving systems of linear equations by determinants. Of­
fered 1956-57. Three hours, first semester.


This course deals with the geometry of the triangle and cir­
cle based upon the elementary plane geometry of Euclid. Offered
1956-57. Three hours, second semester.


Prerequisite, course 52. Offered 1956-57. Three hours, first
semester.

112. Advanced Mathematics.

This course is designed primarily for advanced science stu­
dents and consists, first, of probability and curve fittings by
means of least squares, and second, of a brief study of the prop­
erties of determinants and matrices, and the theory of transfor­
mations. Prerequisite, course 52. Offered 1956-57. Three hours,
second semester.


This course includes a thorough review of the principles of
elementary calculus together with theorems from definite inte­
grals, elliptic integrals, Fourier’s series, theory of limits, and
theory of functions. Not offered 1956-57. Prerequisite, course 52.
Three hours, each semester.

119, (120). Theoretical Mechanics. [See Physics 119, (120).]

191, 192. Individualized Courses.

Offered to advanced students as need arises.

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 certif­
icate; (3) in church music. (See page 128 in Curriculum Sugges­
tions section.)

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 signif­
icant 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, analy­
sis, reading, and creative work. Use of simple harmonic materials
including triads and the dominant seventh. Prerequisite, a know­
lledge 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.

103, 104. Composite Theory — Second year.

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


The psychological and educational principles of Music Edu­
cation 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. Offered 1956-57. Three hours throughout the year.

113, 114. Instrumental Techniques.
A general introductory course designed to acquaint the student with the basic performing techniques of hand and orchestral instruments: strings, woodwinds, brasses and percussions. Credit, 1 hour per semester.

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. Not offered 1956-57. 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. Offered 1956-57. Three hours, first semester.

118. Form and Composition.

119. Piano Teaching Methods.
A course in methods and materials for the teaching of children from pre-kindergarten to high school age. Principles of laying a technical foundation; discussion of psychological problems. Methods for the older beginner. Open to music majors who can qualify on the basis of proficiency and personality. Students who successfully complete this course will be eligible to qualify as instructors of children at the Institute. One hour, first 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. Not offered 1956-57. Three hours throughout the year.

B. Applied Music
Individualized courses of one, two, three or four years are offered in voice, piano, organ, violin, viola, violoncello, and orchestral woodwinds and brasses.

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 bi-weekly 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

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

**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.


**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.

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**Woodwinds and Brasses**

Qualified students may elect advanced courses in private study on band and orchestral instruments, based on the same requirements and conditions as stated under Applied Music, page 128.

- Music 51, 52—Flute
- Music 53, 54—Clarinet
- Music 55, 56—French horn
- Music 57, 58—Trumpet
- Music 59, 60—Trombone

**Elementary Courses in Applied Music**

Elementary courses in Applied Music are open to beginning students who do not meet the requirements for enrollment in the Applied Music courses listed above, but desire to acquire some competence in elementary performance on an instrument. A half-hour private lesson per week, plus one hour daily practice is required. Credit of one hour per semester is given, effective upon the completion of two consecutive semesters' work. These courses do not count towards a major or minor in music; and not more than four semester hours on the elementary level may be counted towards graduation. Prerequisite for study, the consent of the instructor.

- Music 21, 22—Elementary Piano
- Music 23, 24—Functional Piano

Students who do not meet the requirements for electing Music 41, may satisfy the piano requirements for Music Education by completing Music 23, 24.

- Music 27, 28—Elementary Violin
- Music 29, 30—Elementary Cello
- Music 31, 32—Elementary Flute
- Music 33, 34—Elementary Clarinet
- Music 35, 36—Elementary French horn
- Music 37, 38—Elementary Trumpet
- Music 39, 40—Elementary Trombone

**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 concertatas; 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
Ms. 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 1956-57. 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 1956-57. 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 1956-57. Three hours, first semester.

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 1956-57. 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 1956-57. Three hours, first semester.
104. 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 1956-57. 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 1956-57. 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 Lovelless, Mr. Steffen

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 contributes to the development of sound physical and mental health and to the development of good citizenship.

Theory Courses in Physical Education

The College offers a program of undergraduate study for students who desire a minor in Physical Education. Students who desire certificates to teach in Michigan are required to take 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.

68. Physical Education Curriculum in Elementary Schools.
This course meets the requirements for the elementary teaching certificate.
Theory of various activity programs suitable for elementary grades; study of activities as they relate to the needs and growth patterns of children. Prerequisite, sophomore standing. Two hours, second semester.

105. Anatomy. (See Biology 105.)

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 and courses 41 and 42. 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 and courses 41 and 42. 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 and courses 41 and 42. Three hours, first semester.

170. Secondary Physical Education.
Theory and practice of programs in the secondary schools. Prerequisite, sophomore standing and courses 41 and 42. Two hours, either semester.

Knowledge and practice of emergency treatment of injuries, prevention and care; techniques of athletic training and conditioning. Prerequisite, junior standing and courses 41 and 42. Two hours, second semester.

Service Courses in Physical Education
All students are required to complete, preferably 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 satisfactorily completed by all students. Courses may be elected for the other three semesters of the requirement.

Service Courses for Men

1M. Fundamental Activities.
Required of all 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.

5MR. Handball, Paddleball.
First semester. Fee required.

Service Courses — Co-educational

8. Badminton, Tennis.
Second semester.
   Elementary square dance patterns. Instruction in the waltz, polka, schottische and various couple dances. First semester.

11R. Fencing.
   First semester.

   Fee required for bowling. 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 pre-medical 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. Not offered 1956-57. Two, three, or four hours, depending upon the amount of work accomplished.

   A study of recent work in the fields of ionization of gases, photoelectricity, the electronic charge, X-rays, line spectra, Bohr theory, the nature of radiation, structure of atoms, radioactivity, and atomic energy. Offered 1956-57. Three hours throughout the year.

104. Electrical Measurements.
   An advanced laboratory course in measurement of electro-motive 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. Not offered 1956-57. Three hours recitation, first semester.

   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. Not offered 1956-57. 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. Not offered 1956-57. Four hours, second semester.

   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. Offered 1956-57. 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. Three lectures and one two-hour laboratory period per week. Not offered 1956-57. Four hours throughout the year.

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

175, 176. Physics Seminar.
A study of recent physics literature. One hour 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

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 53, 56, 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

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.
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. Not offered 1956-57. 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. Not offered 1956-57. 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. Not offered 1956-57. Three hours, second semester.

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.

213. Urban Sociology.
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.

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.

255. Finance Administration.
A study of the financial problems and procedures with emphasis upon long term financial planning. Three hours, first 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. 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 objects 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 Lier, 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.

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. Not offered 1956-57. 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. Offered in 1956-57. 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. Not offered 1956-57. 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. Not offered 1956-57. 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. Offered 1956-57. 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, three 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, three hours of psychology. Alternates with 156. Not offered 1956-57. 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, three hours of psychology. Alternates with 154. Offered 1956-57. 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. Offered 1956-57. 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

11. The Life and Teaching of Jesus.
   A study of the life of Jesus and of his teachings. Three hours, first semester.

   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.

102. Great Ideas of the Bible.
   This course deals with the great ideas and major themes of the Bible as a whole. Prerequisite, at least one of the courses 11, 12, 13, 14. Offered 1956-57. Three hours, second semester.

104. 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. Prerequisite, at least one of the courses 11, 12, 13, 14. Offered 1956-57. Three hours, second semester.

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. 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.

115. The Development of Classical Christianity.
   A survey of Christianity from the Biblical period to the Reformation, with major emphasis upon the development of the classical tradition in Christian thought. Not open to freshmen. Offered 1956-57. Three hours, first 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
cparagraph. Not open to freshmen. Offered 1956-57. Three hours,
first semester.

175, 176. Seminar.
The work of this seminar centers upon men and issues in
religion. Course content varies from year to year. Each semester
an intensive study is made of the life and thought of such individu­
al theologians as Augustine, Aquinas, Luther, Calvin, Kierkegord,
Niebuhr, and Tillich, or of such issues as the ecumenical move­
ment, the rise of religious liberalism, and the development of
social Christianity. Admission by consent of the instructor. Of­
fened 1956-57. Three hours throughout the year.

III. Religious Education
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. Prerequi­
site. Psychology 51. Not offered 1956-57. Three hours, first
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.

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

Courses are open to sophomores, juniors and seniors. Ordina­
narily at least one of the basic courses, under A below, is pre­
requisite 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 (So­
icology 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 con­
trols, based upon field observation, published sources, and con­
temporary contributions. Three hours, first semester.

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 63.)
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.

113. Urban Sociology. (Political Science 213.)
A study of urban society, its rise, development, organization,
Three hours, first 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 indi­
viduals 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.

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.

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.

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
- Biology 3: 4 hours
- Chemistry 3: 4 hours
- English 1: 3 hours
- Foreign Language: 4 hours
- Speech 11: 2 hours
- Electives: 2 to 5 hours
Total: 17 hours

Second Semester
- Biology 4: 4 hours
- Chemistry 4: 4 hours
- English 2: 3 hours
- Foreign Language: 4 hours
- Speech 11: 2 hours
- Electives: 4 to 7 hours
Total: 15 hours

Second Year

First Semester
- Biology 105: 4 hours
- Chemistry 55: 4 hours
- Psychology 51: 3 hours
- Biology 109: 2 hours
- Electives: 2 to 5 hours
- Electives: 4 to 7 hours
Total: 15 to 18 hours

Second Semester
- Biology 106: 4 hours
- Chemistry 56: 4 hours
- Sociology 56: 3 hours
- Electives: 2 to 5 hours
Total: 15 to 18 hours

Third Year

First Semester
- Biology 191: 2 hours
- Physics 3: 4 hours
- Chemistry 125: 3 hours
- Chemistry 101: 5 hours
- Electives: 3 hours
Total: 14 to 17 hours

Second Semester
- Biology 116: 3 hours
- Physics 4: 4 hours
- Biology 192: 2 hours
- Electives: 5 to 8 hours
Total: 14 to 17 hours

Fourth Year

First Semester
- Colloidal Chemistry: 2 hours
- Immunology and Electives: 2 hours

Second Semester
- Serology: 2 hours
- Electives
Total: 16 hours

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 126).

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
- English 1, 2: 3 hours
- Mathematics 1, 2: 4 hours
- Physics 3, 4: 5 hours
- Speech 11: 2 hours
- Foreign Language: 4 hours
Total: 16 hours

Second Semester
- English 1, 2: 3 hours
- Mathematics 1, 2: 4 hours
- Physics 3, 4: 5 hours
- Speech 11: 2 hours
- Foreign Language: 4 hours
Total: 18 hours

1 Chemical Engineers and Metallurgical 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

<table>
<thead>
<tr>
<th></th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math. 51, 52</td>
<td>5 hours</td>
<td></td>
</tr>
<tr>
<td>Economics 51, 52</td>
<td>3 hours</td>
<td></td>
</tr>
<tr>
<td>Chemistry 3, 4</td>
<td>4 hours</td>
<td></td>
</tr>
<tr>
<td>Physics 115, 118</td>
<td>4 hours</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16 hours</td>
<td></td>
</tr>
</tbody>
</table>

Third Year

<table>
<thead>
<tr>
<th></th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 53, 54</td>
<td>3 hours</td>
<td></td>
</tr>
<tr>
<td>Engineering Drawing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Descriptive Geometry</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Social Science*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physics 119, 120*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Elective, Humanities*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>18 hours</td>
<td></td>
</tr>
</tbody>
</table>

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.

* 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.

* Physics 115, 118 alternates with Physics 119, 120 and the Social Science.

FOREIGN LANGUAGE

Sample program for a foreign language major preparing for graduate school:

Required:

2nd year French (8), 2nd year Spanish (8), History of Spanish Literature (6), History of French Literature (6), a period literature course in either French or Spanish (3)  

Recommended cognates:

a. History 3, 4 — Modern Europe (6), History 112 — Medieval (3), History 175 — Historical Methods (3)  

b. English 123-6 (6), English 127-8 (6)  

c. Linguistics 97 (3), Linguistics 176 — History of Spanish Language and/or Linguistics 178 — History of French Language (3)  

d. Philosophy, 6 hours selected from Philosophy 51, 52, 53, 54, 101, 102, 104  

e. Psychology 51, 52 (6)  

f. Art 51 or 55 (3)  

Other Graduation Requirements

English Composition (6)  

Speech (2)  

Laboratory Science (8)  

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 profession should elect a wide range of courses in the social sciences and the humanities. 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
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 101; electives 5 to 6 hours.

Second Semester: Chemistry 102; 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.

MUSIC

Following are schedules of the courses required for each of the music majors.

Major in Church Music

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 43, 44—1 Organ 4</td>
<td>Music 43, 44—2 Organ 4</td>
</tr>
<tr>
<td>Music 3, 4 Theory 6</td>
<td>Music 103, 104 Theory 6</td>
</tr>
<tr>
<td>Ensemble, Music 15, 16-1 2</td>
<td>Ensemble, Music 15, 16-2 2</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>English Composition 1, 2 6</td>
<td>Science or Language 8</td>
</tr>
<tr>
<td>Language or Science 8</td>
<td>Speech 11 2</td>
</tr>
<tr>
<td>Religion 11, 4 6</td>
<td>Religion 113, 114 6</td>
</tr>
<tr>
<td>Physical Ed. 0</td>
<td>Electives 4</td>
</tr>
<tr>
<td>20</td>
<td>Physical Ed. 0</td>
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<tr>
<td>32</td>
<td>20</td>
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<tr>
<td>32</td>
<td>32</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music 43, 44—3 Organ 4</td>
<td>Music 43, 44—4 Organ 4</td>
</tr>
<tr>
<td>Counterpoint, Music 117 3</td>
<td>Music 115, 116 History 6</td>
</tr>
<tr>
<td>Form and Composition 118 3</td>
<td>10</td>
</tr>
<tr>
<td>Ensemble, Music 15, 16-3 2</td>
<td>Electives 20-22</td>
</tr>
<tr>
<td>Conducting, Music 129, 130 2</td>
<td>22</td>
</tr>
<tr>
<td>14</td>
<td>32</td>
</tr>
<tr>
<td>Language 8</td>
<td>Electives 10</td>
</tr>
<tr>
<td>Electives 18</td>
<td>18</td>
</tr>
<tr>
<td>32</td>
<td>32</td>
</tr>
</tbody>
</table>
Either the laboratory science or language course may be taken in the sophomore year.

Applied Music Major

The Applied Music major requires 16 hours of applied music in any one of the branches offered; 6 hours of ensemble, either instrumental or vocal; 12 hours of Theory (Music 3, 4, 103, 104); 12 hours, Counterpoint (Music 117), Composition (Music 118) and History of Music (Music 115, 116).

Provisional Teaching Certificate

<table>
<thead>
<tr>
<th>Music Education</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
</tr>
<tr>
<td>Applied Music*</td>
</tr>
<tr>
<td>Theory, Music 3, 4</td>
</tr>
<tr>
<td>Ensemble**</td>
</tr>
<tr>
<td>English Composition 1, 2</td>
</tr>
<tr>
<td>Modern Language‡</td>
</tr>
<tr>
<td>Religion or Philosophy</td>
</tr>
<tr>
<td>Physical Education</td>
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<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td><strong>Junior Year</strong></td>
</tr>
<tr>
<td>Applied Music*</td>
</tr>
<tr>
<td>Music Ed. 111, 112</td>
</tr>
<tr>
<td>Instrumental Techniques</td>
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<tr>
<td>Mus. 113, 114</td>
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<tr>
<td>Ensemble**</td>
</tr>
<tr>
<td>Education 117 or 119</td>
</tr>
<tr>
<td>Education 120</td>
</tr>
<tr>
<td>Electives</td>
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<td></td>
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</tbody>
</table>

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.

*At least one year of Applied Music must be in piano, Music 41, 42; and one year in voice, Music 45, 46. Beyond this, the student may elect any of the Applied Music courses offered.

Students who do not meet the requirements for electing Music 41, may satisfy the piano requirements for Music Education by completing Music 23, 24. They shall add further courses to their schedule, selected from the Music offerings, to meet the required number of hours in Music.

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

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>Comparative Anatomy</td>
</tr>
<tr>
<td>8 hours</td>
<td>&amp; Embryology 8 hours</td>
</tr>
<tr>
<td>Inorganic Chemistry</td>
<td>Organic Chemistry 8 hours</td>
</tr>
<tr>
<td>8 hours</td>
<td>Language 8 hours</td>
</tr>
<tr>
<td>English</td>
<td>Psychology or Sociology 6 hours</td>
</tr>
<tr>
<td>6 hours</td>
<td></td>
</tr>
<tr>
<td>Speech</td>
<td></td>
</tr>
<tr>
<td>2 hours</td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td></td>
</tr>
<tr>
<td>8 hours</td>
<td></td>
</tr>
<tr>
<td>32 hours</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

| Third Year                     |                                  |
| Biology                        | 6 hours                          |
| Sociology or Psychology        | 6 hours                          |
| or                              |                                  |
| Sociology                      | 6 hours                          |
| or                              |                                  |
| Psychology                     | 6 hours                          |
| or                              |                                  |
| Biochemistry                   | 3 hours                          |
| or                              |                                  |
| Electives                      | 15 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 1, 2 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 53. Psychology 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 rela-
tion 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.

SECONDoRY CURRICULUM

Michigan Secondary Provisional Certificate

SUGGESTED GROUP REQUIREMENTS

<table>
<thead>
<tr>
<th>Group</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Language and Literature 18</td>
</tr>
<tr>
<td>II</td>
<td>Science 12</td>
</tr>
<tr>
<td>III</td>
<td>Social Science 12</td>
</tr>
<tr>
<td>IV</td>
<td>Education 20</td>
</tr>
<tr>
<td>V</td>
<td>Physical Education and Health 4</td>
</tr>
</tbody>
</table>

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.
- Educational Psychology, or equivalent.
- History and Problems of Education, or equivalent.
- Electives (Education) to complete 20 semester hours

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.

CURRICULUM SUGGESTIONS

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

<table>
<thead>
<tr>
<th>First Year</th>
</tr>
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<tbody>
<tr>
<td>Semester</td>
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<tr>
<td>English 1</td>
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<td>Art 57</td>
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<td>Physical Education</td>
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<td>Electives</td>
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<th>Second Year</th>
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<tr>
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<td>Foreign Language cont. or English Lit. 53</td>
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<td>Education 111</td>
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<td>Sociology 51</td>
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<tr>
<td>Physical Education</td>
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<tr>
<td>History 55 or Political Science 53</td>
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<td>Electives</td>
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<th>Third Year</th>
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<td>Semester</td>
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<td>Music 111, 112</td>
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<tr>
<td>Physical Education 53</td>
</tr>
<tr>
<td>Electives</td>
</tr>
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</tbody>
</table>

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.
Fourth Year

<table>
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<tr>
<th>Course</th>
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<tr>
<td>Education 125, Directed</td>
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<tr>
<td>Includes Directed</td>
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<td>Teaching &amp; Ed. Lab.</td>
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<td>Teaching (8)</td>
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<td>&amp; Ed. 123 El. Curric. (4)</td>
<td>16-17</td>
</tr>
<tr>
<td>Sociology 131</td>
<td>3</td>
</tr>
</tbody>
</table>

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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MRS. M. LEE JOHNSON ........................................... Kalamazoo
MRS. RALPH RALSTON .......................................... Kalamazoo
MRS. E. GIFFORD UPJOHN ...................................... Kalamazoo
MRS. MABEL RATCLIFFE ....................................... South Haven
MRS. RALPH HAYWARD .......................................... Parchment
MRS. A. J. TODD .................................................. Kalamazoo
MRS. A. B. HODGMAN .......................................... Kalamazoo
MRS. DONALD GILMORE ........................................ Kalamazoo

Term Expires in 1957

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MRS. FLOYD OLMSTED .......................................... Kalamazoo
MRS. WILLIAM RACE ............................................ Kalamazoo
MRS. LESLIE VERMEULEN ...................................... Kalamazoo
MRS. DWIGHT RICH ............................................... Lansing
MRS. FRANCES HASKELL ........................................ Kalamazoo
MRS. DWIGHT STOCKER .......................................... Kalamazoo
MRS. HENRY SHAKESPEARE ..................................... Kalamazoo
MRS. DONALD KNIGHT .......................................... Kalamazoo

Term Expires in 1958

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MRS. HARRY HOWARD ............................................ Kalamazoo
MRS. ROGER BECKER ............................................ Kalamazoo
MRS. CARL CHATTERS ........................................... Chicago
MRS. RALPH B. FAST ............................................ Kalamazoo
MRS. GEORGE FERGUSON ....................................... Waterliet
MRS. RICHARD U. LIGHT ........................................ Kalamazoo
MRS. CLARENCE ROE ............................................ Lansing
MRS. LEGRAND WOODHAMS ..................................... Mentha

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MRS. A. J. TODD ................................................ 1st Vice-President
MRS. LESLIE VERMEULEN ...................................... 2nd Vice-President
MRS. DWIGHT STOCKER .......................................... Secretary
MRS. GEORGE FERGUSON ....................................... Treasurer
Faculty

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

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

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

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 MUIR, 1929-1933; 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

LUKE JOHN HEMMES, 1924; 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., 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 DREBOLD, 1923; B.A., M.A., Wisconsin.
Professor of Biology

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

EDWARD MICHAEL RICKARD, 1914; B.A., M.I.T.; M.A., Columbia; Ph.D., University of Colorado.
Professor of Economics and Business

Professor of English and Dean of Curriculum

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

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

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

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

ELTON WALLIS HAM, 1947; B.A., Chicago; M.A., Kalamazoo.
Associate Professor of Political Science

PETER MUSCHAMP BOYD-BOWMAN, 1953; B.A., M.A., Toronto; M.A., Ph.D., Harvard.
Associate Professor of Foreign Languages

HELEN THOMPSON MILLS, 1947; B.A., Miami; M.A., Illinois.
Assistant Professor of Foreign Languages

HENRY ALBERT LASCH, 1948; B.S., Pennsylvania State; M.S., Michigan.
Assistant Professor of Physical Education

MICHAEL JOHN WASKOWSKY, 1949; B.F.A., Art Institute of Chicago; M.A., Chicago.
Assistant Professor of Art

ELIZABETH MARIE MAYER, 1910; Studied at the Universities of Munich, Heidelberg, Basel; Ph.D., Freiburg.
Assistant Professor of Foreign Languages

RALPH OWEN KERMAN, 1951; B.A., Kalamazoo; M.S., Ph.D., Illinois.
Assistant Professor of Physics

HARRY BURTON RAY, 1951; B.M., B.A., Yale; M.A., Michigan.
Assistant Professor of Music

LOUISE SADE JOHNSON, 1950; B.A., William and Mary; M.A., Teachers College, Columbia.
Assistant Professor of Education and Dean of Women

HENRY LEWIS BARTS, 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 Librarian

JOHN ALDEN COPPS, 1950; B.S., M.S., Ph.D., Wisconsin.
Assistant Professor of Economics

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 JAMES AVEN, 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 K. 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.
Assistant Professor of Physical Education and Director of Athletics

ROBERT WILLIAM CARNEY, 1955; B.S., Kent State; M.S., Ph.D., Cornell.
Assistant Professor of Economics and Business

PAUL EVERETT COLLINS, 1955; B.S., Wisconsin; Ed.D., Harvard.
Assistant Professor of Education and Dean of Men

KIRK NEWMAN, 1955; B.A., M.A., Tulsa.
Assistant Professor of Art

RICHARD THOMSON STAVIG, 1955; B.A., Augustana; Ph.D., Princeton.
Assistant Professor of English

ADA L. LOVELESS, 1953; B.S., Illinois; M.S., University of California in Los Angeles.
Instructor in Physical Education

HAROLD JOEL HARRIS, 1954; B.A., M.A., Rutgers; Ph.D., Ohio State.
Instructor in English

EDWARD MORTIZ, JR., 1955; B.A., Miami; M.A., Cincinnati; Ph.D., Wisconsin.
Instructor in History

RAYMOND BURNELL STEFFEN, 1955; B.S., Michigan State.
Coach

BENJAMIN GRAHAM, 1951; B.A., Kalamazoo; M.A., Chicago.
Special Lecturer in Sociology

WILBUR PRICE LAUGHLIN, 1952; B.A., Hobart, Harvard, Cornell, University of Vienna.
Special Lecturer in Economics

MARCELLE G. DALE, 1953; B.A., B.S., M.A., University of Oran, Algeria; B.A., M.A., Western Michigan.
Special Lecturer in French

JOYCE H. BERGER, 1953; B.S., Minnesota; M.A., Teachers College, Columbia.
Lecturer in Art

CARL H. CHATTERS, 1955; B.A., Kalamazoo, LL.D., Kalamazoo.
Special Lecturer in Municipal Government

HELEN FISCHER, 1955; B.S., Western Michigan; Studied at Kalamazoo Art Center.
Lecturer in Art

FLORENCE M. FRENCH, 1955; B.A., Iowa.
Special Lecturer in Speech

JAMES WILSON MORRELL, 1955; B.A., Kalamazoo.
Special Lecturer in Speech

Special Lecturer in Political Science

CLARENCE HYDE ELLIOTT, 1955; B.A., Albion; M.A., Michigan; Honorary Master's Degree in Public Administration, Western Michigan.
Special Lecturer in Political Science

CHARLES BECKWITH FORD, 1955; B.A., Western Michigan.
Special Lecturer in Political Science

HAROLD CLAIRE TAYLOR, 1955; M.S., Ph.D., Yale; Ph.D., Chicago.
Special Lecturer in Political Science

Special Lecturer in Personnel Administration

ROBERT AVERY WHITE, 1955; B.A., Kalamazoo.
Special Lecturer in Political Science

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 Josefessor String Quartette, Chicago; member Women's Symphony Orchestra of Chicago; member Kalamazoo Symphony Orchestra.
Teacher of Cello

LESLEY VAN WAGNER, 1955; Western Michigan.
Teacher of Instrumental Music
Administrative Staff

Weimer K. Hicks, B.A., M.A., LL.D. President
Helen M. Sargent Secretary
Harold T. Smith, B.A., M.A., Ph.D. Vice-President
Phyllis DeVries Secretary
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Berdena Rust, B.A. Business Office Manager
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Rosemary Runyan Recorder
Dewey L. LaCoss Superintendent of Buildings and Grounds
Virne J. Williams Secretary
Sue Slayton, B.A. Manager of Bookstore
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Stuart H. Simpson Assistant to the President and Director of Admissions
Marie A. Vermeulen Assistant to the Director of Admissions
Ann D. Mein Secretary
Bette L. Bohl Secretary
Sally Needham, B. Mus., M. Mus. Admissions Counselor
Philip L. Johnson, B.A. Admissions Counselor
Robert A. Rodenhiser, B.A. Admissions Counselor
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Louise S. Johnson, B.A., M.A. Dean of Women
Wanneta J. Thompson Secretary
Lloyd J. Averill, B.A., B.D., M.A. Dean of the Chapel
Marilyn Hinkle, B.A., M.A. Director of Public Relations
Marcia Price, B.S. Secretary
William Pontius Supervisor, Service Room
Wen Chao Chen, B.A., M.A., Ph.D. Librarian
Alice B. Merriman, B.A., B.S., M.S. Cataloguer
Anna Cerins, B.A., M.A., M.A.L.S. Circulation and Reference Librarian
Bernice B. LeMense Library Assistant
Margaret Hine Library Assistant
Henry Overley, Associate, American Guild of Organists, Director of Institute of Musical Art
Shirley Martens, R.N. College Nurse
Ann McGeachy, R.N. College Nurse

Residential and Dining Halls

James W. Morell, B.A. Director of Welles Dining Hall
Mabel D. Mordhorst Director of Mary Trowbridge House
Paul E. Collins, B.A., M.A. Director of Hoben and Harmon Halls

FACULTY COMMITTEES

COMMITTEES OF THE FACULTY, 1955-56

The President of the College is an ex-officio member of all committees.

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ATHLETICS: Stowe, Chairman; Anderson, Bodine, Lasch, Loveless, Olmsted, Steffen.

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HONORARY DEGREES: Van Lier, Chairman; Batts, Ham, Mills, Rickard, Walton.

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LIBRARY: Waring, Chairman; Boyd-Bowman, Chen, Dunsmore, Moritz, Myers, Waskowsky.

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SOCIAL: Johnson, Chairman; Collins, Kerman, Loveless, Mills, Mordhorst.

STUDENT PUBLICATIONS: Copps, Chairman; Chen, Harris, Ray, Stavig.
KALAMAZOO COLLEGE ALUMNI ASSOCIATION

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RICHARD G. HAAS, '42 ............................................. Parchment Vice-President
ELIZABETH OSBORN CHILDRESS, '10 ........ Three Rivers Secretary-Treasurer

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JAMES TUMA, '42 .................................................. Mishawaka, Ind. Vice-President
ELIZABETH OSBORN CHILDRESS, '50 ........ Three Rivers Secretary-Treasurer

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1907  MAURICE E. Post  2709 Dwight Way, Berkeley, Calif.
1908  LULU BAKER  124 W. Dutton St., Kalamazoo, Mich.
1909  HARVEY J. Bouck  730 West Walnut, Kalamazoo, Mich.
1911  FRED C. WINDGES  2305 Hartrey Avenue, Evanston, Ill.
1912  AGNES GRENELL Goss  716 Forest Street, Kalamazoo, Mich.
1913  ELSIE KAPPEN  81 Irving Place, 12-G, New York 3, N. Y.
1914  W. C. BUCHANAN  240 Oakhill Drive, East Lansing, Mich.
1915  Lucile Owen Kerman  1111 Mulford, Evanston, Ill.
1916  BESSIE FREEMAN RICKMAN  321 West Inkster Ave., Kalamazoo, Mich.
1917  MARY HALLETT MILLER  440 Logan St., S. E., Grand Rapids, Mich.
1918  RUTH WHITE RALSTON  2019 Argyle St., Kalamazoo, Mich.
1920  Lucile Norcross HIRSCHY  603 Fletcher, Kalamazoo, Mich.
1921  Monroe J. WILCOX  307-6th Street, North, Great Falls, Mont.
1922  Marion Graybeil MEANS  3319 Darlington Road, Toledo, Ohio
1923  Harold F. CARLTON  3506 Dean Lake Ave., S. E., Grand Rapids, Mich.
1924  Pauline KURTZ JACOB  1223 Cherry Street, Kalamazoo, Mich.
1925  Burr M. HATHAWAY  638 Arlington Ave., Mansfield, Ohio
1926  Ruth Wilbur SIPEL  1420 Cherry Street, Kalamazoo, Mich.
1927  Ruby Herbert OGEEL  1315 Grand Avenue, Kalamazoo, Mich.
1929  Paul KOKEN  148 South Main Street, Ann Arbor, Mich.
1930  Amos B. BOGART  120 E. Washington, Jackson, Mich.
1931  Grace Richardson WOLFE  2122 Greenwood Avenue, Wilmette, Ill.
1932  Margaret Lawler MACIN  2148 Tipperary, Kalamazoo, Mich.
1936  Ruth Schlobohm ANDERSON  2814 Fairfield Ave., Kalamazoo, Mich.
1937  Robert H. POWELL  1230 Reycraft Drive, Kalamazoo, Mich.
1938  W. Harry RAPLEY  504 Inkster Avenue, Kalamazoo, Mich.
1939  John J. BRAHAM  85 E. 280th Street, Euclid, Ohio
1940  Lawrence L. KURTZ  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.

1944  Esther Anderson
2430 Pennsylvania Ave., N. W., Apt. 414, Washington, D. C.

1945  Jerry Richardson Tarr
823 Lake Avenue, Grand Haven, Mich.

1946  Helen Glaser Reed
2233 Inglewood Pl., South Bend, Ind.

1947  Robert D. Dewey
1200 Pierce Streeet, Birmingham, Mich.

1948  Esther Carloyd White
1237 Nassau Drive, Kalamazoo, Mich.

1949  Albert C. Grady
316 N. Eddy, Sandwich, Ill.

1950  Donald B. Culp
921 Homecrest, Kalamazoo, Mich.

1951  Sally Wise
2180 Sherwin Road, Columbus, Ohio

1952  Thomas C. Wilson
418 Maison Road, Grosse Pointe, Mich.

1953  Robert Neeser
2038 Beverly Pl., South Bend, Ind.

1954  Naida Shimer Dewey
212 Koch, Ann Arbor, Mich.

1955  Catherine A. Rutherford
Dowagiac High School, Dowagiac, Mich.

ANN ARBOR ALUMNI CLUB
Paul Koken, '29  President
148 S. Main, Ann Arbor, Mich.
John C. Kokinakes, '30  Secretary-Treasurer

BATTLE CREEK ALUMNI CLUB
Bryce A. Becker, '29  Chairman
113 Pleasant Ave., East Lansing, Mich.

BOSTON ALUMNI CLUB
Marston S. Balch, '23  President
Packard Hall, Tufts College, Medford, Mass.
Elizabeth Tuller, '40  Secretary

CHICAGO ALUMNI CLUB
Marilyn Brattstrom, '50  President
7118 Evans Ave., Chicago, Ill.
Paul F. Kohloff, '30  Vice-President
Marian Hellman, '51  Secretary
Elaine Horn, '53  Treasurer

CINCINNATI ALUMNI CLUB
Shirley White Soukop, '45  Chairman
338 Compton Rd., Cincinnati, Ohio

DETROIT ALUMNI CLUB
Eugene P. Sterling, '51  President
4399 Manistique, Detroit, Mich.
Joe J. de Agostino, '50  Vice-President

INDIANAPOLIS ALUMNI CLUB
Mary Pratt Nash, '46  President
3244 No. Keystone Ave., Indianapolis, Ind.

KALAMAZOO ALUMNI CLUB
Douglas B. Braham, '42  President
303 Fletcher, Kalamazoo, Mich.

LANSING ALUMNI CLUB
Clifford J. Hunt, '39  President
518 East Oakwood, East Lansing, Mich.

MINNEAPOLIS ALUMNI CLUB
Kenneth W. Rahn, '40  President
2206 No. Glenwood Pkwy., Minneapolis, Minn.

NEW YORK ALUMNI CLUB
Gordon F. Kurtz, '48  President
194 Remshaw Ave., East Orange, N. J.

PHILADELPHIA ALUMNI CLUB
Winifred M. Johnson, '27  Chairman
5131 Spruce Dr., Philadelphia, Pa.
### PITTSBURGH ALUMNI CLUB

**Chairman**: John A. Osborn, '56  

**President**: Forrest C. Strome, '43  
630 Cedarwood Terr., Rochester, N. Y.

**Vice-President**: Florence Chisholm Bowman, '49

**Recording Secretary**: Ruth Osterling '54

**Corresponding Secretary**: Alma Wickens, '49

**Treasurer**: James Cameron, '54

### ROCHESTER ALUMNI CLUB

**Chairman**: Paul C. Staake, '21  
257 Maize Way, St. Peters burg, Fla.

**President**: Harold V. Wilson, '19

**Vice-President**: Virginia Essie Benjamin L. Drier, '43

**Second Vice-President**: Esther Den Adel Ferguson, '19

**Secretary**: Maurice E. Post, '21

**Recording Secretary**: Ralph L. Winter, '53

**Treasurer**: Maurice A. Nelson, '50, and Presidents

### ST. PETERSBURG ALUMNI CLUB

**Chairman**: E. Bowman St., South Bend, Ind.

**President**: Samuel Ellsworth Allerton (Summa Cum Laude)  
Kalamazoo

**Vice-President**: Robert Leon Copeland

**Secretary-Treasurer**: Robert Ronald Cramp

### SAN FRANCISCO ALUMNI CLUB

**Chairman**: Ray Ketcham, '41

**President**: Alonzo E. Studio, '32

**Vice-President**: John A. Cameron

**Secretary**: Forrest S. Pearson, '41

**Treasurer**: Richard J. Allen

### SEATTLE ALUMNI CLUB

**Chairman**: Charles Ben B. Cramp, '48  
858 Orio Place, Pacific Palisades, Calif.

**President**: Marshall Hallock Brenner  
Kalamazoo

**Secretary-Treasurer**: Vincent F. Claypool

### SOUTH BEND ALUMNI CLUB

**Chairman**: Robert W. Braithwaite, '43  
910 E. Bowman St., South Bend, Ind.

**President**: Walter E. Richardson

**Vice-President**: Helen L. Smith

**Secretary**: Robert W. McDermott

### SOUTHERN CALIFORNIA ALUMNI CLUB

**Chairman**: Ralph W. McKenzie, '34

**President**: Samuel Ellsworth Allerton (Summa Cum Laude)  
Kalamazoo

**Secretary-Treasurer**: Robert Leon Copeland

### SOUTHWESTERN MICHIGAN ALUMNI CLUB

**Chairman**: Forrest S. Pearson, '41  
210 Orchard Lane, Benton Harbor, Mich.

**President**: Robert L. Winter, '33

**Vice-President**: Bache Enola Fargason

**Secretary**: James B. Clary

### TOLEDO ALUMNI CLUB

**President**: Ruth Gildersleeve Neuhaus, '38

**Vice-President**: Harold B. Simpson, '37

**Secretary-Treasurer**: Margaret Alice Curtis Dudley  
Clearwater, Fla.

---

### Degrees, Honors, and Awards

#### DEGREES CONFERRED

1953

**MASTER OF ARTS**

- Wilfred Ernest Law  
- Walter Edwin Scott

**DOCTOR OF DIVINITY**

- Charles Renfroe Bell, Jr.  
- Frederic Groetsema

**DOCTOR OF LAWS**

- Leland Ira Doan

**DOCTOR OF SCIENCE**

- William Grosvenor Pollard

---

**BACHELOR OF ARTS**

- Samuel Ellsworth Allerton (Summa Cum Laude)  
- Kalamazoo

- William Chandler Baun  
- Three Rivers

- Mary Jane Beattie (Magna Cum Laude)  
- Drayton Plains

- Rafael A. Bendek  
- Barranquilla, Colombia

- Jack Allen Bowman  
- Kalamazoo

- Marshall Hallock Brenner  
- Kalamazoo

- Emerson Wheeler Campbell  
- Madison, Wis.

- Robert Ronald Castler  
- Kalamazoo

- Robert Leon Copeland  
- St. Joseph

- Patricia Ann Corby  
- Williamston

- James Robert Cramp  
- Kalamazoo

- Charles Burtis Crooks, Jr.  
- Camden, N. J.

- Eugene Francis Czarnecki  
- South Bend, Ind.

- Don Gordon Davis (Magna Cum Laude)  
- West Allis, Wis.

- Richard Jesse Davis  
- Detroit

- Donald Dayton  
- Kalamazoo

- Duane Kenneth De Voris  
- Kalamazoo

- Lawrence John Dieterman  
- Kalamazoo

- Arleigh Russell Dodson  
- Detroit

- Jack Michael Doyle  
- Kalamazoo

- Margaret Alice Curtis Dudley  
- Clearwater, Fla.
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**HONORS FOR THE YEAR, 1954-55**

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PHI KAPPA ALPHA

Class of 1956
Gretchen Bahr
Richard Irwin Brown
Jurgen Diekmann
Fred M. Hudson
Fleurette Lee Kram
Mary Janet Osborn
Endrene Nelsene Peterson

Class of 1957
Jacob B. Slonimsky
Stewart L. Stafford
Donna Beverly Ullrey

ALPHA LAMBDA DELTA

Lura Ann Addy
Karen Lysbeth Atkinson
Gretchen Bahr
Carol Elaine Beall
Patty Lou Calomeni
Merrilyn Cigard
M. Anne Colley
Marlene Joan Crandell
June Louise Denton
Katheryn Marie Edmonds
Monica Ann Evans
Lois Frey
Jeannette Anna Frost
Constance Susan Gillesby
Jean Louise Hilton
Ruth Adelle Knoll

Judith Kay Lindberg
Maurene Elaine Love
Jean L. McIntyre
Kathleen Marie Maher
Mary Janet Osborn
Karen Evelyn Peterson
Laura Vaughn Smith
Ruth Carol Sollitt
Judith Anne Sweitzer
Carolyn Kay Thomas
Nancy Kay Tirrell
Donna Beverly Ullrey
Jo Ann Valentine
B. Nancy West
Sharon Joan Wiley
Mary Ann Wise

PI KAPPA DELTA

B. Duane Arnold
Ralph Paul Eck
Emil Pollard

Steward L. Stafford
Robert Layton Thomason

AWARDS AT HONORS DAY, 1955

O. M. Allen Prize in Freshman Essay Writing
Jane Elizabeth Schaafsma
Joseph Anthony Airo-Farulla

Bert H. Cooper Prize in Physics
Robert Earl Fassnacht

LeGrand A. Copley Prize in French
Jo Ann Valentine

A. B. Hodgman Prizes in Tennis
Mike Emory Beal
Jurgen Diekmann
Leslie Edward Dodson
Donald E. Stowe
Robert Harold Yuell

Winifred Peake Jones Prize in Biology
Marlene Joan Crandell
Jo Ann Valentine

Sherwood Prize in Freshman Oration
Carol Josephine Miller

Lemuel F. Smith Award in Chemistry
Steward L. Stafford

Todd Chemistry Prize
David William McBride

Todd Sociological Prize
Patricia Greenwood Stein

Maynard Owen Williams Prize in Freshman Essay Writing
Samuel A. Mercantini
AWARDS AT COMMENCEMENT, 1955

Alliance Francaise Prize
Gordan Eugene Noble

James Balch Prize in History
Marion Jean Johns

Cooper Prize in Speech
H. Stanley Dunham

The Florence E. Grant Memorial Award
Mary Jane Beattie

Hammond Prize in Philosophy
Wanda Shirley Lostutter

The Hodge Prize in Philosophy
Duane Kenneth De Vries
Bruce Harold Van Domen

A. B. Hodgman Prize for Academic Achievement
While a Member of the Tennis Squad
B. Thomas M. Smith, Jr.
Thomas Gilkey Wylie

John Wesley Hornbeck Prize in Physics
Howard Joel Hirschy
Bruce Harold Van Domen

Hosking Memorial Prize Essay
Charles Burtis Crooks, Jr.

William G. Howard Prize in Economics
Donald Charles Steinshilber

William G. Howard Prize in Political Science
William Chandler Baum

Kalamazoo College Athletic Association Medal
Jack Allen Bowen
Arleigh Russell Dodson

The Oakley Prize (Highest Record for Entire Course)
Samuel Ellsworth Allerton

The Stone Prize in Education
Gordon Eugene Noble

The Upjohn Award in Chemistry
Samuel Ellsworth Allerton
Sivert Herth Glarum

The Clark Benedict Williams Prize in Mathematics
Samuel Ellsworth Allerton

Roster of Students

1955-56 Seniors

Arnold, B. Duane .................................. Political Science .......... Jackson
Bahr, Gretchen ......................................... English .......... Waukesha, Wis.
Bennett, Andrew Webb ....................... History ................. Chicago, Ill.
Bowser, Richard Adrian ...................... Religion .............. Niagara Falls, N. Y.
*Brown, Richard Irwin ....................... Physics ................. Milwaukee, Wis.
Chamberlain, Ruth L ................................ Psychology ............ Royal Oak
Crane, David Darrell ................................ Chemistry .......... Cedar Springs
Crossley, Carolyn Anne ..................... French ................. Kalamazoo
DeSalvi, Noble ...................................... History .......... Chicago, Ill.
*Diekmann, Jurgen ....................... Chemistry ................. Ludwigshafen, Germany
Dudley, Gordon Allin ....................... Political Science ........ LaGrange, Ill.
Evans, Monica Ann .................................. Biology ........ South Boston, Mass.
Fowler, James H .................................. Sociology ........ Kalamazoo
Frey Lois .................................. Mathematics .......... Downers Grove, Ill.
Frueh, John Curt ......................... Economics ........... Grand Rapids
Hackett, Dorothy Nichols .................. Biology ................. South Haven
Hackett, Richard Carl ...................... Economics ........... South Haven
Hargis, Marcia Dickson ..................... Political Science ...... Battle Creek
Hathaway, Thomas Russell .................. Biology ........ Mansfield, O.
Howell, Marylou Carolyn ..................... Biology ........ Lansing
*Hudson, Fred M ................................ Philosophy .......... Skaneateles, N. Y.
Johnston, Isabelle A ............................. English Lit ........ Mt. Clemens
Kram, Fleurrette Lee ......................... Biology ........ Chicago, Ill.
Lapsa, Ruta .................................. Biology ................. Kalamazoo
Lewis, Clemence Elizabeth .................. Art-English .......... Detroit
Lewis, Phillip W ................................ Economics ........ Cloverdale
Lipschitz, Adolph Herbert .................. Sociology .......... Bronx, N. Y.
Locke, Jerre Helen ...................... Speech ................. Richland
McGuiness, Roger Marshall .................. History ........ Detroit
McIntyre, Jean L ................................ English .......... Rochester, N. Y.
McNerney, John Michael ..................... Biology ........ Oak Park, Ill.
Malcolm, George Augustus .................. Physics ............. Jericho, Jamaica
Meagher, Joseph Andrew, Jr. ............... Chemistry ........ Bay City
Moran, David William ......................... Chemistry .......... Holland
Morrell, Marylyn Jo ............................. Psychology .......... Kalamazoo
>Osborn, Mary Janet ............................. Psychology .......... Kalamazoo
*Peterson, Endreene Nelsene .................. English .......... Manistee

*Class Honor List: Students who rank in the upper ten per cent of their class.
**Class of their class.**

*Stafford, Steward Layne

*Garwood, Donald Charles

*Govier, William Charles

*Garwood, Donald Charles

*Govier, William Charles

Harrington, Samuel Lewis

Hennig, Katherine M.

Hirig, Darrell Eugene

Jenkins, Robert Dunbar

Johnson, Thomas O.

Knott, Theodore Kenneth

Kramer, Norman Lee

LaMonte, John S.

Landeryou, Victor Allen

LaRoy, James Bernard

Larsen, Russell David

*Lindberg, Judith Kay

McCabe, Barbara Ann

McCain, Anne Kathleen

Macleod, Robert M.

Markusse, David J.

Martens, Shirley Elaine

Marx, George Edward

May, Judith Ann

Mehaffie, Hugh Frederick

Meyer, George Stephen

Morrison, Gary Alan

Mosier, Kenneth Alan

Naser, Thomas Charles

Nelson, John Adrian

Oliver, Carol Dorraine

*Peterson, Karen Evelyn

Petrick, Helen Elizabeth

Pinchoff, Dean Dennis

Plamondon, Melvin Joseph

Pollard, Emil Edward

Pucci, Paul Patrick, Jr.

Rakich, Millicent

Richards, Katharine Lombard

Rock, Barbara Lou

Rosenberger, Douglas Alan

Saylor, Howard Keith

Schram, Gerald Kenneth

Prince, Susan Cosette

Ruhge, Justin M.

Shafer, Everett E.

Skora, Robert F.

Slosinsky, Jacob Bernard

*Stafford, Steward Layne

Stein, Patricia Greenwood

Story, Joan Lee

Stowe, Donald E.

Stuut, David Neil

Thomason, Robert Layton

Tucker, Charles

Ulrey, Donna Beverly

Underhill, Nancy Wolff

Van Stone, Paul D.

Vlachos, Angelo

Webster, Gerald F.

Wurster, Herbert Charles Jr.

Juniors

Alcott, Joyce L.

Barnitz, Mary Eugenia

Bellinger, Robert Charles

Bonathan, Betty Lee

Bond, Neal N. J.

Brown, Glen

Brown, J. Wesley, Jr.

Burns, Stephanie-Jo

Coash, Paul F.

Connors, William Edward

Crisman, Robert Charles

Cross, Barbara Crawford

Davis, Mary Joan Lucille

Dean, Richard Robert

Dugan, W. Gallord

Duva, Albert

Eck, Ralph Paul

Fox, Charles James

Frey, Anneliese Dorothy

Frost, Jeannette Anna

Froyd, John Milton

Alcott, Joyce L.

Barnitz, Mary Eugenia

Bellinger, Robert Charles

Bonathan, Betty Lee

Bond, Neal N. J.

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Frost, Jeannette Anna

Froyd, John Milton

*Class Honor List: Students who rank in the upper ten per cent of their class.

*Honor List: Students who rank in the upper ten per cent of their class.
**ROSTER OF STUDENTS**

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*Class Honor List: Students who rank in the upper ten per cent of their class.*
ROSSER OF STUDENTS

Ramsey, Maryrose  
Seattle, Wash

Reinel, Robert Gordon  
Warrenville, Ill

Revello, Raul  
Panama City, Panama

Sautter, Roger William  
Dearborn

Schaafsma, Jane Elizabeth  
Holland

Schaithberger, Daniel Arthur  
Grosse Pointe

Schlichter, Mary Ann  
Lake Geneva, Wis

Schoenhals, Kai P  
Jackson

Schoon, Orah Wilhelmina  
Highland, Ind

Schartl, Arthur Bennett  
Jackson

Sheakleton, Richard J  
Maplewood, N. J.

Shepard, Barbara Elizabeth  
Kalamazoo

Shuler, Donald Lee  
Benton Harbor

Sklar, Nelson Howard  
Detroit

Smith, James Hickok  
Bellevue

*Sollitt, Ruth Carol  
Midland

Steward, Douglas J  
Vermontville

Steward, Robert Charles  
Mulliken

Su, Ernestine  
Taichung, Formosa

*Sweitzer, Judith Anne  
Richland

Taylor, Paul Richard  
Spring Lake

Tivin, Fred  
Skokie, Ill

Tod, James Frank  
Ada

Tucker, Irving Duane  
Allegan

*Ugineus, Peter  
Parma

*Valentine, Jo Ann  
Clarkston

Vaugh, Thomas Holley  
Lansing

Wasmuth, John Frederick  
Grand Rapids

Weisman, Larry A  
Kalamazoo

Werner, Clifford Larry  
Battle Creek

White, Joan Marie  
Scotts

Wilkins, Richard Eugene  
LaGrange, Ill

Wilson, Sally Jane  
Chicago, Ill

Wixom, Harriett Sue  
Gaylord

Wlosky, Irwin Louis  
New York, N. Y

Wundram, William H  
Grosse Pointe

Yoder, Marcia Lois  
Cleveland, O

Yoder, John Anthony  
Ferndale

Young, Phyllis Esther  
Benton Harbor

Youngs, Margaret Beth  
Midland

Yuell, Robert Harold  
Somerville, N. J

*Class Honor List: Students who rank in the upper ten per cent of their class.

Iannelli, Vincent  
Benton Harbor

Johnston, Marcia Lynne  
Flint

Karnesen, Kenneth Wendell  
Trenton

Kibbe, David Edmund  
Kalamazoo

Kilgore, Ronald Nelson  
Kalamazoo

*Knoll, Ruth Adelle  
Oconomowoc, Wis.

Koeeze, David S  
Grand Rapids

Kouedel, Dolores Ellen  
Chicago, Ill.

Leaman, John Albert  
Saginaw

Lem, Seau Ying  
Brooklyn, N. Y.

Leth, Thomas Dean  
Oak Park, Ill.

Lockwood, Shirley Ann  
Detroit

Loomis, Charlotte M  
Auburn, N. Y.

*Love, Maureen Elaine  
Kalamazoo

Low, Ronald Eugene  
Niles

McBride, David William  
Dearborn

McConnell, Thomas Omar  
Coldwater

McGeachy, Ann  
Lapeer

McMahon, Charles Windle  
Merion, Pa.

Mahe, Kathleen Marie  
Vicksburg

Malk, Guil  
Waukesha, Wis.

Manning, Donald John  
Chicago, Ill.

Markin, Susan R  
Great Neck, N. Y.

Martin, Philip Charles  
Rochester, N. Y.

Mayne, Carolyn Joyce  
Grand Rapids

Meeker, Charles Martin  
Prospect Heights, Ill.

Meier, Lois Jeanne  
Livonia

Mercantini, Samuel Alfred  
Mishawaka, Ind.

Metsa, Marlene Dee  
Kalamazoo

Metzger, Daniel Schaefer  
Greenville

Miller, Carol Josephine  
Montague

Mitchell, Mary Jane  
Chicago, Ill.

Mix, Warren M  
Rochester, N. Y.

Morris, Neil John  
Kalamazoo

Neison, Christie John  
Jackson

Nisbet, Charles Thomson  
Marshfield, Wis.

Obasi, Mang E  
Ameke, Nigeria

Perry, Philip Pierre  
Kalamazoo

Pleitavino, Renee  
South Euclid, O.

*Pressel, Jane Clara  
Grosse Pointe

Preston, James Owen  
Battle Creek

Rakich, Milan Steve  
Chicago, Ill.

*Class Honor List: Students who rank in the upper ten per cent of their class.
**ROSTER OF STUDENTS**

- **Cole, Gerard MacLachlan, Jr.** - Winnetka, Ill.
- ***Colley, M. Anne*** - Holland, N. Y.
- **Cornish, Jay K.** - Chicago, Ill.
- **Corstange, Ronald William** - Kalamazoo
- **Coverly, Leon Keith** - N. Muskegon
- ***Crane, James Darwin*** - Cedar Springs
- **Crisman, William Preston** - Utica
- **Cummings, Victor Albert** - Des Plaines, Ill.
- **Currie, Richard Lee** - Rochester, N. Y.
- **Curtiss, Carol Sue** - LaGrange, Ill.
- **Dalton, Calvin Dudley** - Wisconsin Rapids, Wis.
- **Davidson, Patty Jean** - Rochester, N. Y.
- **Davis, Sharon Lynn** - Grosse Pointe
- **deLeon, Ronny** - Guatemala City, Guatemala
- **Denton, June Louise** - Midland
- **DePoo, Homero Antonio** - Frujillo, Dominican Rep.
- **Devries, Don Lee** - Kalamazoo
- **Disbrow, Karen** - N. Scituate, Mass.
- **Dollensmaier, Judy Mae** - Bay City
- **Douglas, Sheila Rose** - Kalamazoo
- **Doyle, Jill** - Kalamazoo
- **Dugas, Diane Daisy** - West Allis, Wis.
- **Dunbar, Richard Ercel** - South Bend, Ind.
- **Duncan, Pam Ida** - Oshkosh, Wis.
- **Dunby, Jesse LeGorda** - Springfield, Ill.
- **Dunham, Judith Carolyn** - Detroit
- **Duran, Noel Edward** - Troy, N. Y.
- **Ecker, John F.** - Greenwich, Conn.
- **Edmonds, Katheryn Marie** - Kalamazoo
- **Ellsworth, Hiram Ray, Jr.** - Saginaw
- **Elsen, Lowell Neff** - Chicago, Ill.
- **Faily, Jon Jay** - Ann Arbor
- **Falk, Gretchen Jane** - Ypsilanti
- **Faragher, Louise Ann** - Detroit
- **Ferguson, Alan Gregory** - Lansing
- **Field, Irving Barbour, Jr.** - Detroit
- **Fischer, David William** - Kalamazoo
- **Fisher, Charles Robert** - Coldwater
- **Fisher, Robert LeRoy** - Albion
- **Fitzpatrick, John Shields** - Kalamazoo
- **Fletcher, Robert Nelson** - Portage
- **Foster, Charles Glenn** - Kalamazoo

*Class Honor List: Students who rank in the upper ten per cent of their class.*

- **Agría, John Joseph** - Mt. Vernon, N. Y.
- **Allbright, Robert Lee** - Kalamazoo
- **Allison, James DeLano** - Kalamazoo
- **Allmond, Donald A. Bertram** - Royal Oak
- **Amidon, James Lee** - Greenville
- **Amundsen, David Leader** - Marlette
- **Anderson, Robert Terry** - Kalamazoo
- **Arnold, Keith Alan** - Jackson
- ***Atkinson, Karen Lysbeth*** - Chicago, Ill.
- **Austin, Judith Jane** - Tawas City
- **Ayers, Alana Adele** - Niles
- ***Babcock, Gary Clay*** - Grand Rapids
- **Balough, JoAnn Marie** - South Bend, Ind.
- **Barrett, Michael Thomas** - Kalamazoo
- **Barstow, Jane Elizabeth** - Detroit
- **Bassett, Richard H.** - Grosse Pointe
- **Beck, Todd Eugene** - Three Rivers
- **Becker, John Helsell** - Crete, Ill.
- **Beltz, George William** - Fraser
- **Bennett, Alice LaVon** - Chicago, Ill.
- **Berg, Bruce Babcock** - Kalamazoo
- **Berzins, Olav** - Kalamazoo
- **Betteley, Charles Rollins** - Grosse Pointe
- **Blair, Richard Warner** - Jackson
- **Bohl, Bette Lou** - Beaver Dam, Wis.
- ***Bowman, Fred Everett, Jr.*** - Mattawan
- **Brakeman, Sara Joy** - Kalamazoo
- **Brice, Robert Edward** - Mt. Clemens
- **Brown, Douglas Charles** - Manchester
- **Brown, Shirley Ingrid** - Bronxville, N. Y.
- **Brown, Terry Kennedy** - Grosse Pointe
- **Buehler, Carl James** - Battle Creek
- **Burrows, William John** - Augusta
- **Calderone, Sebastian** - Albion
- ***Calomeni, Anne*** - Lansing
- **Calomeni, Patty Lou** - Barryton
- **Campbell, George Robert** - Benton Harbor
- **Carr, Geneve Wilhelmina** - Lawrence
- **Cerasani, Arthur John** - Rochester, N. Y.
- **Chumas, John Sidney** - Kalamazoo

*Class Honor List: Students who rank in the upper ten per cent of their class.*
**Class Honor List**: Students who rank in the upper ten per cent of their class.

- **Klein, Vivian Marie** - Chicago, Ill.
- **Klister, Vernon, Jr.** - Chicago, Ill.
- **Lacis, Mara Majia** - Kalamazoo
- **Laidlaw, James Carter** - Tawas City
- **Lake, Karen Martha** - Pittsburgh, Pa.
- **Lambert, Rosalie Jane** - East Tawas
- **Lambriopoulous, Theodore** - Athens, Greece
- **Lasee, Kyle Kirkland** - Jackson
- **Lem, Barbara Jean** - Kalamazoo
- **LeMense, Phillip Henery** - Kalamazoo
- **Lenhard, Thomas Kenneth** - Berkley
- **Letcher, James Mitchell** - Buchanan

- **Lillya, Clifford Peter** - Ann Arbor
- **McKnight, Janet Helen** - Birmingham
- **McLellan, David Allan** - Kalamazoo
- **MacIntyre, John A.** - Albion
- **Macleod, David Cameron** - Kalamazoo
- **Magill, Douglas Craig** - Oak Park, Ill.
- **Mannos, Jeannine Marie** - Chicago, Ill.
- **Manshum, Rodney Brock** - Grand Rapids
- **Maser, Walter Frederick** - New York, N. Y.
- **Merkle, Donald Richard** - Cassopolis
- **Merrell, Richard Lee** - Flint
- **Miller, Judith Ann** - Muskegon
- **Miller, Richard James** - Benton Harbor
- **Milligan, Ronald Alvin** - Rochester, N. Y.
- **Moore, Jane Elizabeth** - Norwalk, O.
- **Moultrup, Susan M.** - Waterford
- **Nicholson, William Jackson, Jr.** - Walled Lake
- **O'Hara, Patrick Joseph** - Rochester, N. Y.
- **Olmstead, Walter Jay** - Galien
- **Olney, William Hobart** - Chicago, Ill.
- **Olsen, James R.** - Royal Oak
- **Osborne, Sally Ann** - Detroit
- **Osmun, David Eugene** - Albion
- **Owen, Diane** - South Bend, Ind.
- **Packer, Jerry Clyde** - Plainwell
- **Payson, Allan Melcher** - South Haven
- **Perry, June Wellington** - Kalamazoo
- **Peterson, Sally Ann** - Three Rivers
- **Pielstick, Russell Allan** - Madison, N. J.
- **Pierce, Jan A.** - Flint

**Class Honor List**: Students who rank in the upper ten per cent of their class.
Pierce, Richard Charles .................................................. Rochester, N. Y.
Pixley, Robert P. ............................................................. Managua, Nicarague
Polikowski, Raymond Edward ............................................. LaPorte, Ind.
Ramsdell, Margaret Hope ................................................ Kalamazoo
Renk, Robert Arthur ....................................................... Kalamazoo
Rice, David Terry ............................................................ Naperville, Ill.
Ringo, Jean Ann .............................................................. Bloomington, Ill.
Robertson, John P. ........................................................... White Pigeon
Rothman, Gerald Charles .................................................. Brooklyn, N. Y.
Rowe, Raymond Harry ...................................................... Battle Creek
Sage, Richard Elbert ........................................................ Kalamazoo
Schaitberger, Gretchen Ann ............................................... Grosse Pointe
Schlifer, Stephen Zaug ..................................................... New London, Wis.
Schweinsberg, Carla Ann .................................................. Bay City
Silver, Melyn Samuel ........................................................ Detroit
Simmons, Norma Jean ........................................................ Kalamazoo
Simons, Barbara Low ........................................................ St. Joseph
Smith, Daniel Maurice ...................................................... Delton
Smith, Jack Dean ............................................................. Kalamazoo
Smith, Jeannie Ellen .......................................................... Kalamazoo
Sorenson, Mary Alice ....................................................... Wauwatosa, Wis.
Sparta, Phillip John .......................................................... Farwell
*Spieler, David Arthur ........................................................ Kalamazoo
Stark, Robert William ........................................................ Chicago, Ill.
Stephens, Lloyd H. ........................................................... Birmingham
Stibitz, Martha Amelia ...................................................... Burlington, Vt.
Stoffels, Edgar G. ............................................................. Park Ridge, Ill.
Stone, Robert Henry .......................................................... Allegan
Storm, Marilyn Elizabeth .................................................. Detroit
Stoor, Mary Elizabeth ........................................................ Marshall
Sullivan, Mary Lenore ........................................................ Grand Rapids
Taylor, James Keith .......................................................... Ann Arbor
*Thomas, Carolyn Kay ........................................................ Coldwater
Thomas, Janet Sue ............................................................ Kalamazoo
Thomas, Linda Grace ........................................................ Ferndale
Thompson, William Layton ............................................... Flint
Thornberry, David Hale ..................................................... Detroit
*Tirrell, Nancy Kay ............................................................ South Bend, Ind.
Tourtelot, Edward Chester ................................................ Evanston, Ill.
Trenholm, Diane Lavina .................................................... Portland, Me.
Tucker, Edwin D. ............................................................. Perry

*Class Honor List: Students who rank in the upper ten per cent of their class.

Turfile, Mary Alice .......................................................... South Bend, Ind.
Turks, Tiya ................................................................. Kalamazoo
Turpin, Howard Daniel, Jr. ................................................ Hastings, Neb.
Tyner, Robert Walter ....................................................... Benton Harbor
Urschalltz, Robert Edward ................................................ Jackson
VanDalson, Judith Lorraine ................................................. Kalamazoo
Vandenberg, Phyllis Elaine ............................................... Grand Rapids
VandenBerge, Jane Pauline ................................................. Grand Rapids
VanZandt, Merrillyn Isabelle ............................................. Chicago, Ill.
Venema, William John ..................................................... Kalamazoo
Vogel, Judith Kay ........................................................... Newton Highlands, Mass.
Wagar, Marcia Jeanne ...................................................... Vicksburg
Wagner, John Coffill ........................................................ Pacific Palisades, Cal.
Ward, James Arthur ........................................................ Greenville
Watson, Richard Clayton .................................................. Cadillac
Weiss, Roger Allan .......................................................... Rochester, N. Y.
Western, William Hans .................................................... Watervliet
White, David Rovelle ....................................................... Scotts
Whitman, William Richard ................................................. Battle Creek
Wilder, David Lewis .......................................................... Otsego
*Willey, Sharon Joan ........................................................ Kalamazoo
Williams, Judith Ann ....................................................... Grosse Pointe
Wilson, John William ...................................................... Kalamazoo
Winterhalter, Don Kunkle .................................................. Grand Haven
*Wise, Mary Ann ............................................................. Allegan
Wood, Carlton Eugene, Jr. .................................................. Battle Creek
*Worden, Leonard Russell ................................................ Green Bay, Wis.
Yeknik, Robert Edward ................................................... Edwardsberg

SPECIAL STUDENTS
Burrington, Virginia Louise ................................................ Kalamazoo
Cosley, Robert P. ............................................................ Kalamazoo
DeLong, Betty Mae .......................................................... Kalamazoo
Gubis, Marta Mindza ....................................................... Kalamazoo
Keidel, Roma B. ............................................................. Galesburg
Mellins, Valija ............................................................... Kalamazoo
Taylor, Eleta J. ............................................................... Galesburg
Vermeulen, Marie Annette ................................................ Kalamazoo
Whiting, Richard Simpson ................................................ Winnetka, Ill.
Young, Jack ................................................................. Kalamazoo

*Class Honor List: Students who rank in the upper ten per cent of their class.
POST GRADUATES

Baum, William Chandler... Three Rivers
Perkins, William Melvin... Struthers, O.

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GEOGRAPHICAL SUMMARY

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LEGAL FORM OF DEEDS AND BEQUESTS

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

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

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

First Semester, 1956-57

Sept. 13-14 Faculty Conference
16-19 New Student Days
20 Registration
21 Classes Begin

Oct. 6 Homecoming
22 Honors Day

Nov. 10 Dads' Day
17 Mid-Semester Grades Due
22 Thanksgiving Day Holiday

Dec. 9 Christmas Carol Service
12 Christmas Vacation Begins, 5:00 p.m.

Jan. 3 Classes Resume, 8:00 a.m.
23 Classes Close, 5:00 p.m.
25-1 First Semester Examinations

Feb. 1 Noon — Semester Ends

Second Semester, 1957

Feb. 4 New Students
5 Registration
6 Classes Resume, 8:00 a.m.
23 Washington Banquet

Mar. 5 Sophomore Tests
22, 23, 24 Bach Festival
23 Mid-Semester Grades Due
23 Spring Vacation Begins, 5:00 p.m.

Apr. 1 Classes Resume, 8:00 a.m.
18 Easter Vacation Begins, 5:00 p.m.
22 Classes Resume, 8:00 a.m.
22 Founders Day
29-4 Spring Course Elections

May 18 May Pete
29 Classes Close, 5:00 p.m.
31-7 Final Examinations

June 8-10 Commencement Program