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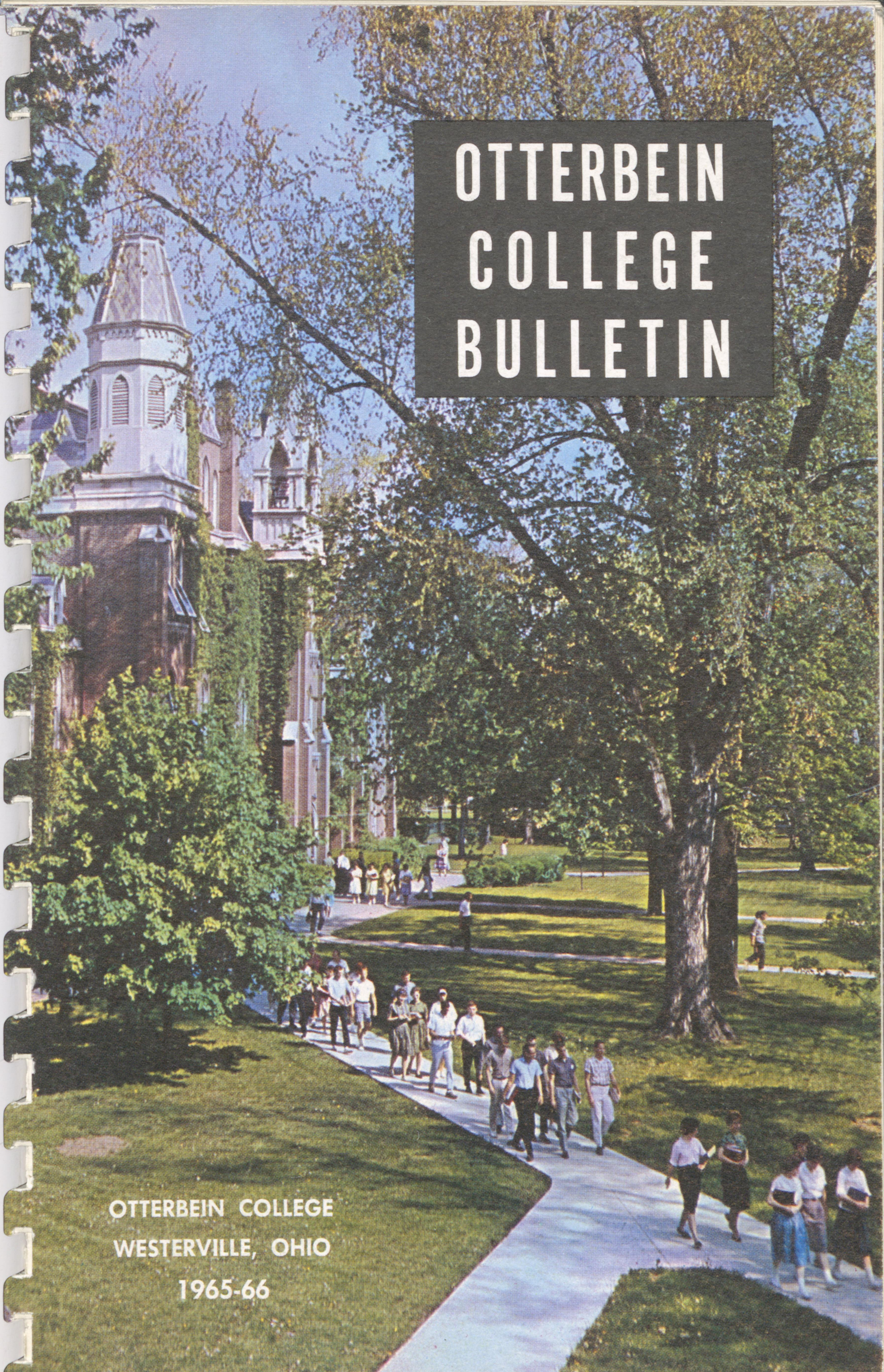
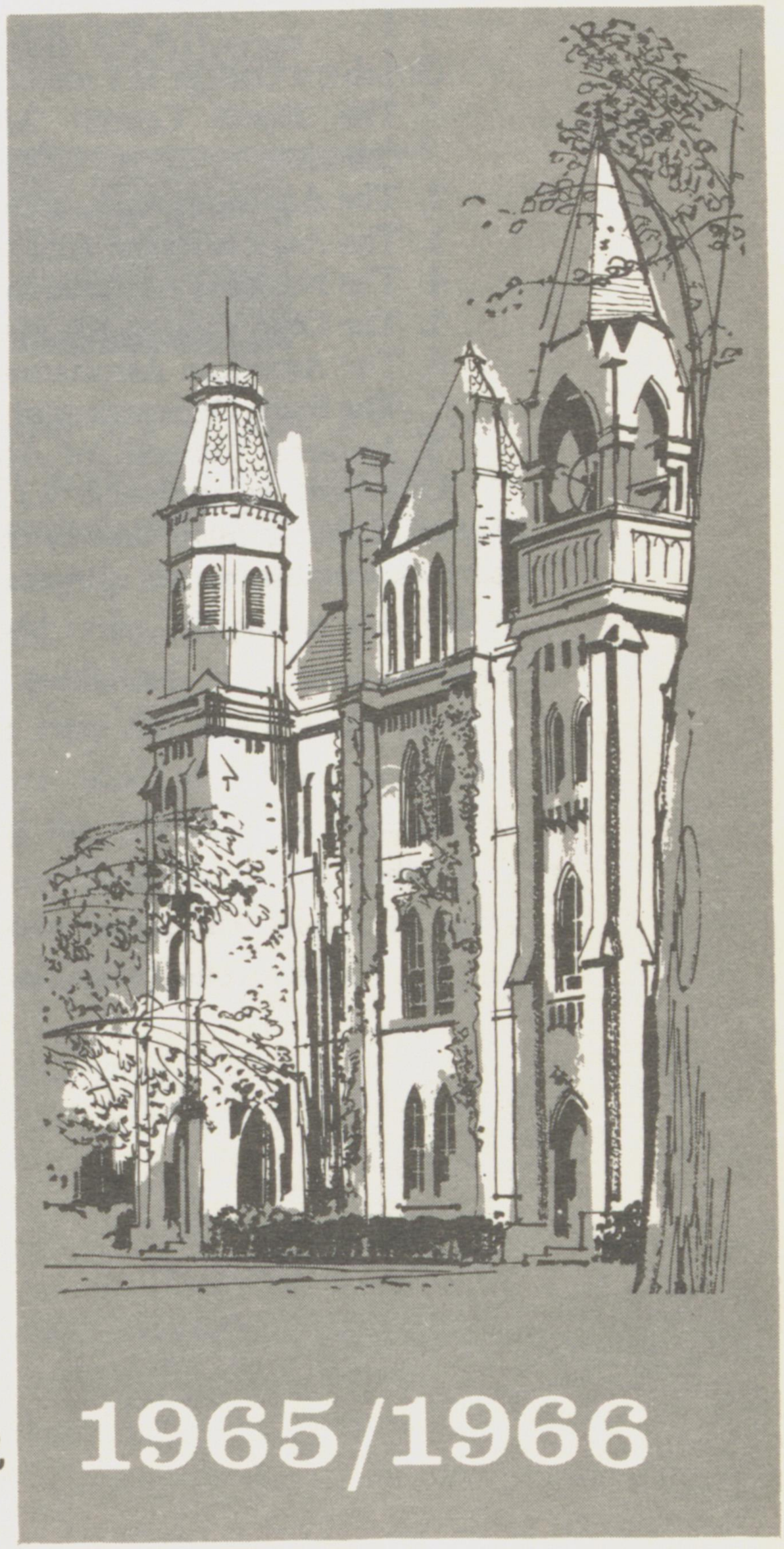
OTTERBEIN COLLEGE BULLETIN



OTTERBEIN COLLEGE
WESTERVILLE, OHIO
1965-66

CATALOG NUMBER
for the year 1965-1966
with announcements for 1966-1967
SEPTEMBER, 1965
Volume LX, No. 2

OTTERBEIN COLLEGE BULLETIN



119th YEAR 1965/1966

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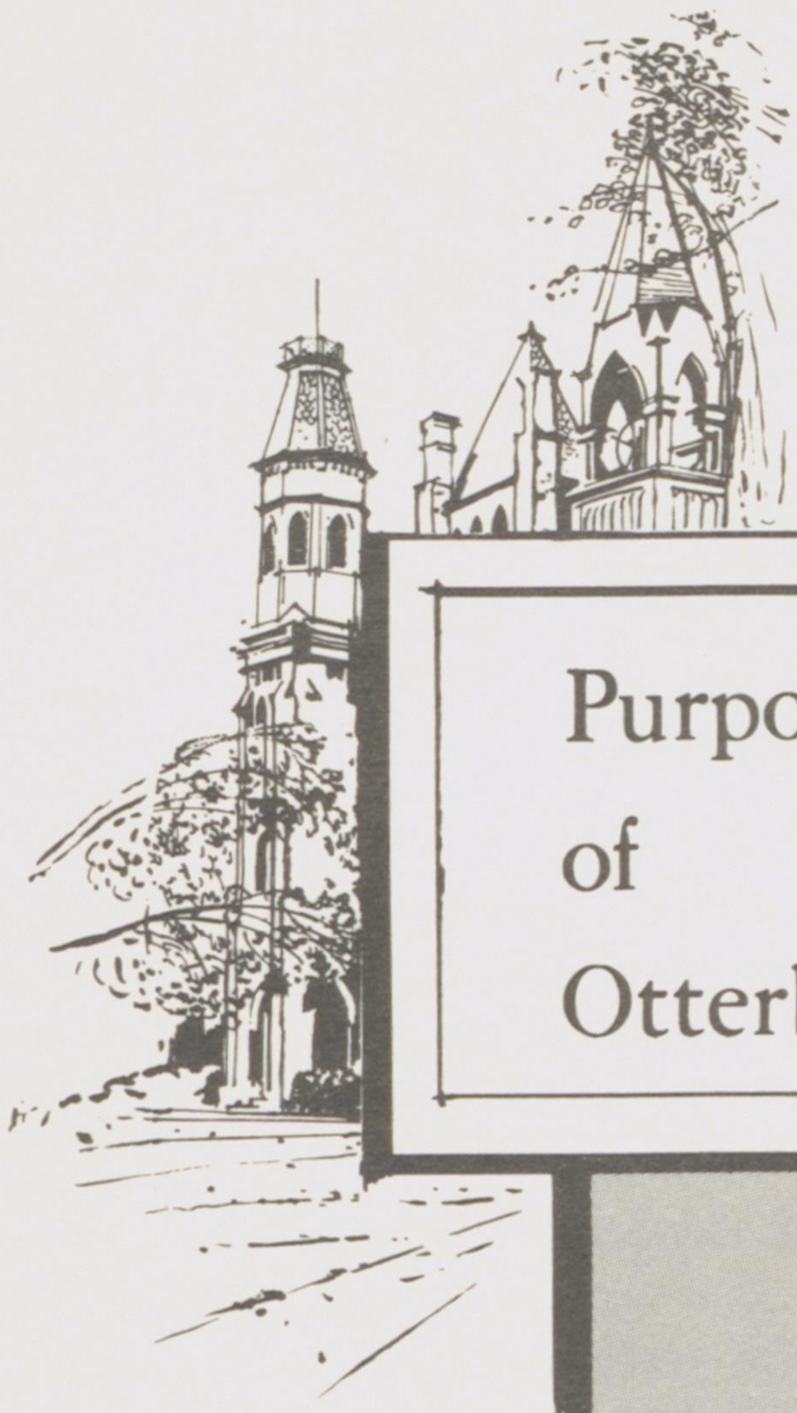
ACCREDITATION

Otterbein College is a member of, or is approved by:

1. The North Central Association of Colleges and Secondary Schools.
2. The American Association of University Women.
3. The Association of American Colleges and Universities.
4. The National Association of Schools of Music.
5. The Ohio College Association.
6. The American Association of Colleges of Teacher Education.
7. The State Department of Education of Ohio.
8. National Council for Accreditation of Teacher Education.

Otterbein is approved for training high school teachers in the regular academic fields and in the specialized fields of fine arts, speech, home economics, music, physical education and elementary education.



Purpose of Otterbein College

Otterbein College is devoted primarily to a program of Christian liberal arts education. She seeks for her faculty and students liberation from the limitations of opportunity and outlook belonging to a particular race, class, region, or nation, and leads them in the impartial search for truth, social justice, and a Christian world order. Whenever the college finds it desirable to give instruction in specialized, vocational, or other kinds of limited knowledge, she makes clear the relationship of such training to individual, social, and religious needs which are permanent and universal. Cherishing and creating the Christian and democratic traditions in a living world society, *Otterbein holds to her major purpose: to discover, to motivate, and to train intellectual leaders in every student generation for Christian service in church and society.*

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College Calendar for 1965-1966 Back Cover

Introducing Otterbein

Otterbein College opened its doors to the first class of eight students on September 1, 1847. It was the first college in the United States to begin as a co-educational institution, and the first to employ women on its faculty. Its classes have been open from its inception to students of all races, nationalities and creeds.

Much of this spirit of independent pioneering stems from the association of Otterbein College with the Evangelical United Brethren Church, the first American-born denomination. The college takes its name from Philip William Otterbein, a young missionary from Germany, who arrived in Pennsylvania in 1752 to minister to the German-speaking colonists in America, and remained to become the founding bishop of the United Brethren Church. Independence of thought, combined with simple sincerity and a zeal for personal Christian living has marked the members of the United Brethren and Evangelical Churches which united in 1946.

The influence of this Christian idealism has continued to the present as Otterbein College seeks to improve both the quality and the character of its educational opportunities. During the national struggle over slavery the college students and faculty were active in the cause of emancipation. While a sophomore at Otterbein, Benjamin R. Hanby wrote "Darling Nellie Gray," a song which spoke a powerful voice for the cause of freedom. Otterbein men have fought for their country's cause in each of the tragic wars since 1861, and have been equally devoted to the service of their fellow men in times of peace. Among the more than 7,000 alumni of the college are men and women who have assumed positions of leadership in the church, the state, the arts, the business world, and in education.

Though Otterbein College retains many of its original traditions, it has grown in the scope of its educational objectives. The land and buildings were originally valued at thirteen hundred dollars and there was no endowment. Today the total valuation is nearly eight million dollars. The original faculty consisted of two teachers; today there are over a hundred on the instructional and administrative staff.

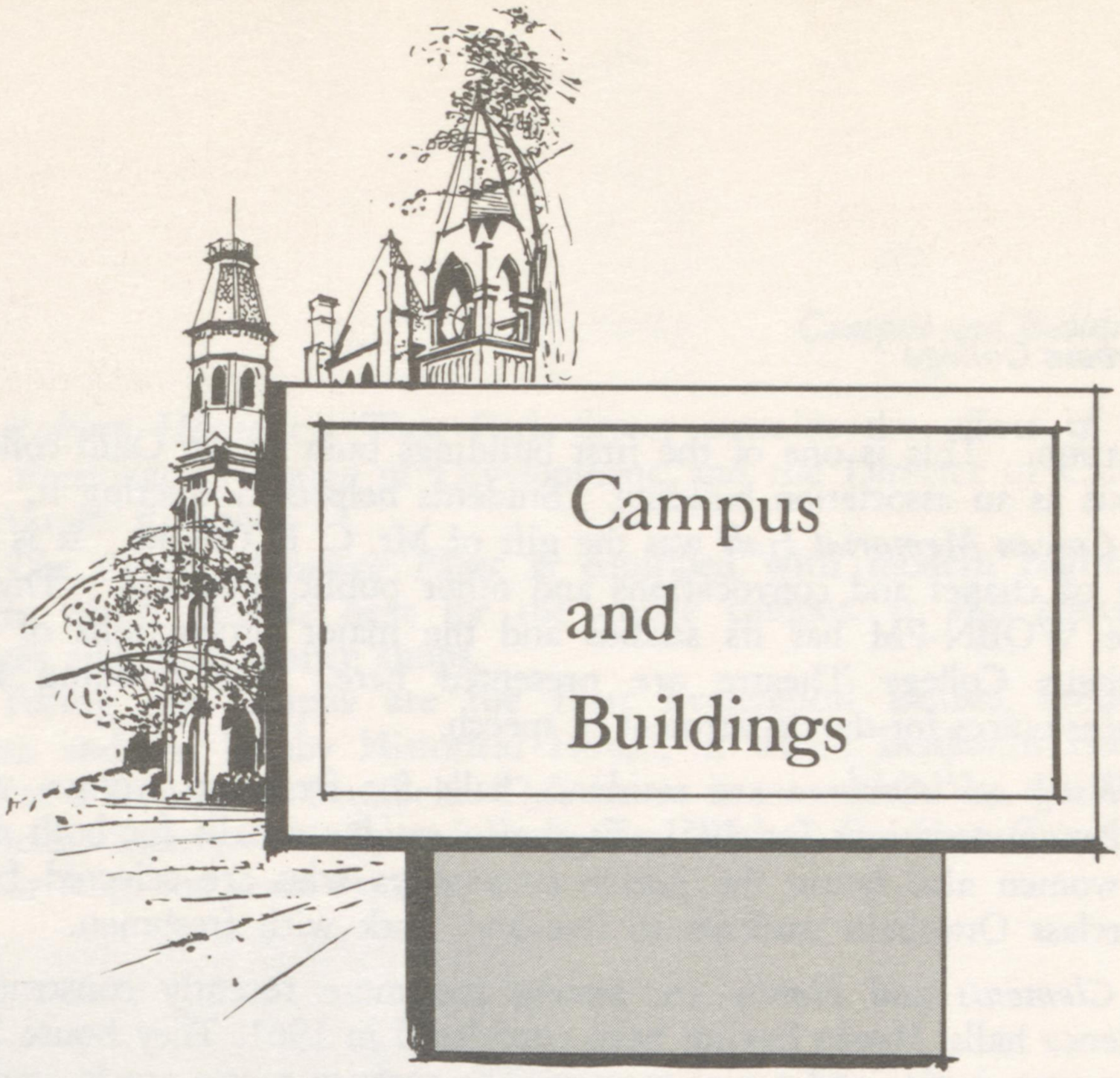
Campus Center

Mayne Hall

Towers Hall

Administration Building

Hanby Hall



Campus and Buildings

Otterbein's campus occupies about forty acres on the west side of Westerville. It is bounded by Alum Creek which provides canoeing in warm weather and skating in the winter. Also adjoining the campus is the Westerville city park (in which a band shell is located) furnishing facilities for many out-of-doors college events.

Towers Hall is the central landmark of the campus. Constructed in 1870 it is the main classroom building and also contains faculty offices and the Clements Memorial carillon. The three towers have become a symbol of the college and appear on the cover of this catalog.

The Clippinger Administration Building is named in honor of Dr. Walter G. Clippinger, President of the College 1909 to 1939. It houses administrative offices including the Office of Admissions.

The Centennial Library was constructed in 1953. It has a beautiful reading room, study carrells, listening and projection rooms, as well as the Otterbein Historical room and lounge. It houses a collection of more than 65,000 bound volumes.

McFadden Science Hall is home to the departments of biology and geology, chemistry and physics, and contains the Weitkamp Planetarium and reflecting telescope observatory.

Lambert Fine Arts Building houses the departments of art and music. It has music and art studios, practice rooms, lecture rooms and the Hall Memorial Auditorium.

Alumni Gymnasium provides facilities for men's physical education and classrooms for some other departments. The men's gymnasium is the scene of intramural and intercollegiate basketball and other gymnasium sports.

The Association Building provides facilities for Women's Physical

Education. This is one of the first buildings built on an Ohio college campus as an association building. Students helped in erecting it.

Cowan Memorial Hall was the gift of Mr. C. E. Cowan. It is the scene of chapel and convocations and other public programs. This is where WOBN-FM has its studios and the major productions of the Otterbein College Theatre are presented here. The building also contains offices for the department of speech.

King and Cochran are residence halls for freshman women with total accommodations for 195. Freshman residence halls for both men and women also house the junior counsellors who are selected from upperclass Otterbein students to live and work with freshmen.

Clements and *Hanby* are among the more recently constructed residence halls, *Hanby* having been completed in 1961. They house 224 sophomore, junior and senior women. The sorority rooms are located in *Clements Hall. Mayne Hall,* completed in 1964 houses 151 women.

Housing for men is located on the north campus and consists of the freshman men's quadrangle made up of *Garst, Sanders, Scott,* and *Engle* halls. *Davis Hall* is a residence for upperclass men. All the men's housing has been constructed within the past four years and provides modern and pleasant facilities for men who live on campus.

The Guest House is a gracious home on campus which has accommodations for overnight guests as well as room for small group meetings.

Kline House is fully equipped for the teaching of home economics. It has a comfortable living room, kitchens, classrooms and offices.

The Otterbein Memorial Stadium has shower rooms for teams, and equipment rooms for physical educational classes. There are booths for broadcasting and the athletic field is equipped with lights for night games.

The Health Center houses the clinic, dispensary and infirmary. The Health Center is staffed with nurses at all times and the college physicians hold daily clinic hours.

Howard House is the president's home, named in honor of Dr. J. Gordon Howard, president of the college from 1945 to 1957.

Grove House contains student personnel offices: The Dean of Students, the Associate Dean of Students and the Director of Religious Activities.

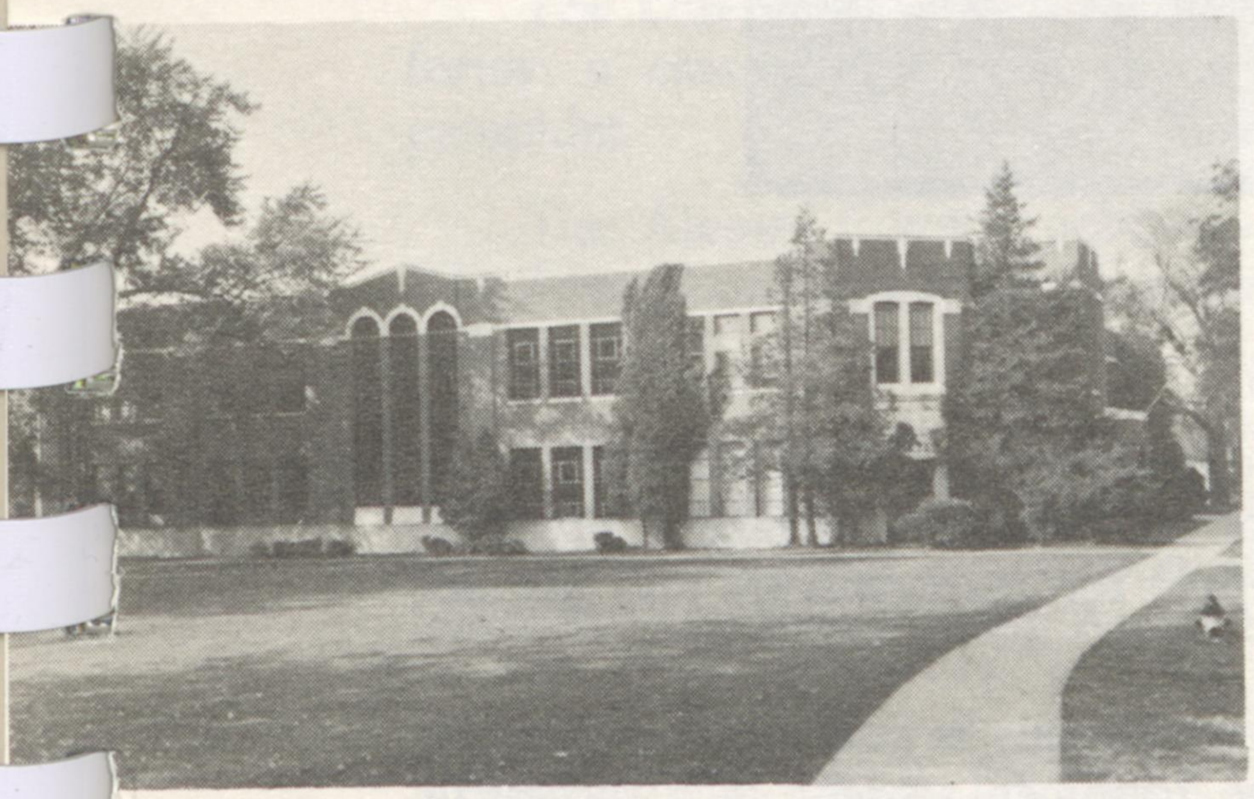
Saum Hall is a dormitory for freshman women.

The Campus Center contains the Otterbein College bookstore, dining halls, snack bar, recreational facilities, and offices of the student publications. The large, gracious lounge in the Center affords a most unusual gallery for displays, paintings, sculpture, and other art objects.

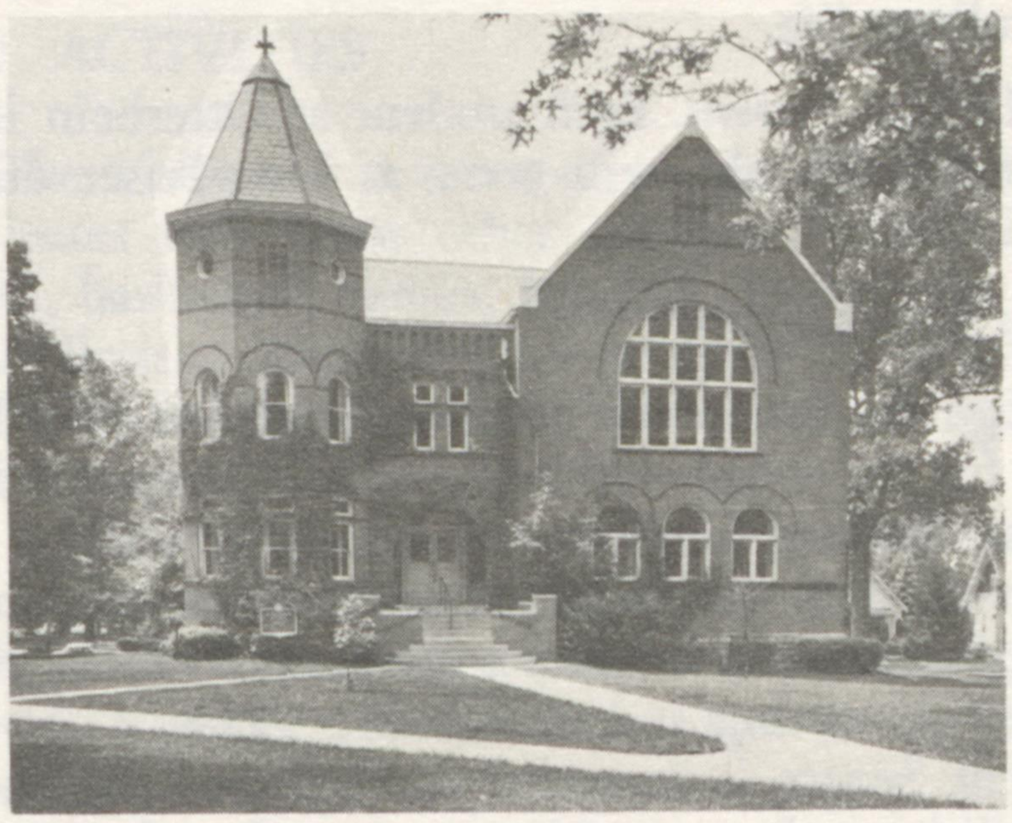
Robins' House on West Park Street contains the offices of the Vice President in charge of Development, and the Director of Church and Alumni Relations.

The Central Heating Plant is equipped with modern coal-fired boilers which provide heat for the entire campus. It also contains garages and maintenance shops.

Facing the campus are the First Evangelical United Brethren Church and the Hanby Historical House, in which Benjamin Hanby lived as a student at Otterbein. This house is maintained by the Ohio Historical Society. The Second Evangelical United Brethren Church is not far from the main campus.

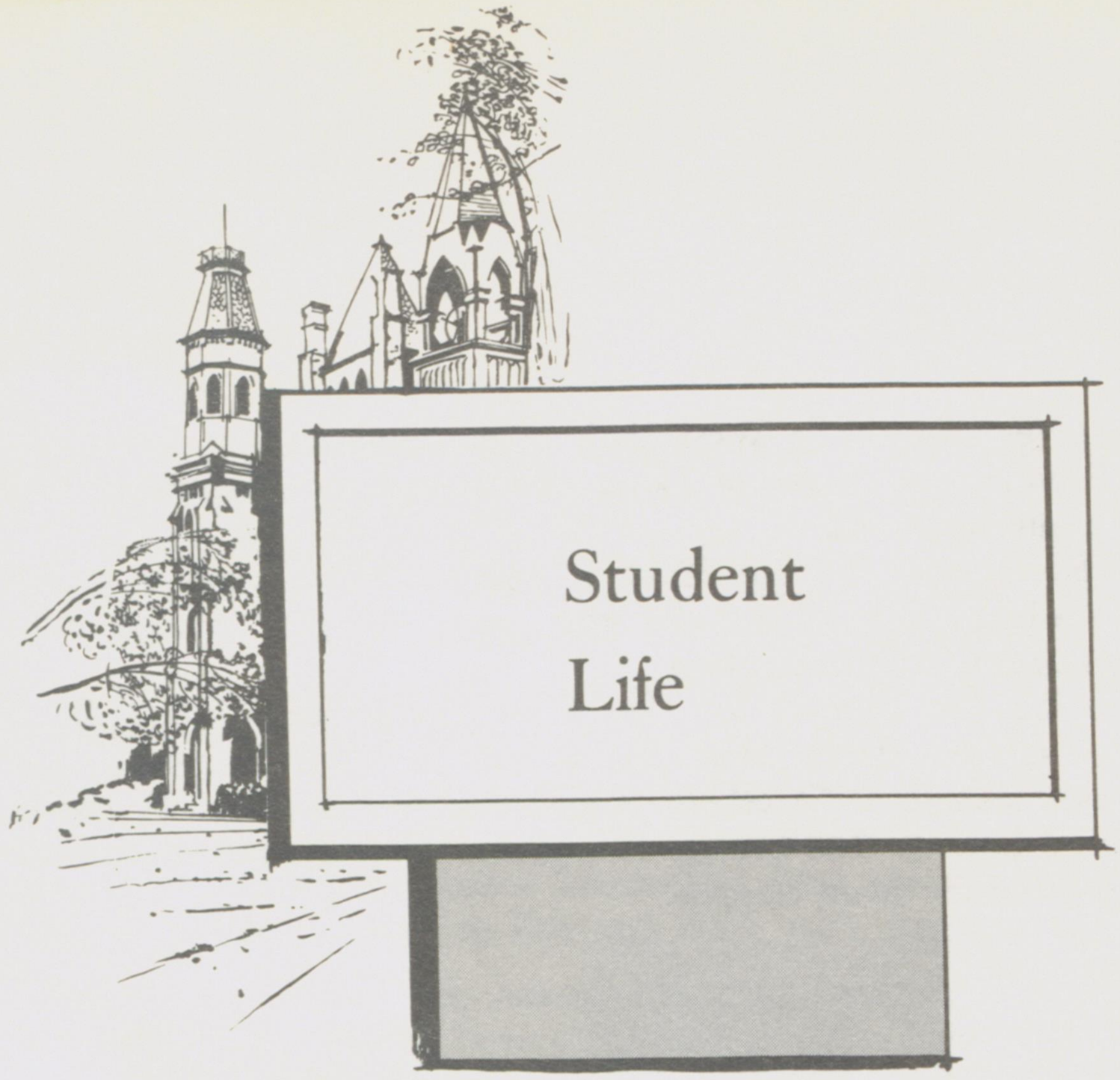


Alumni Gym



Association Building

Men's Quadrangle



Student Life

ORIENTATION AND ADVISERS

Freshman Orientation. A three day orientation held each fall prior to registration affords opportunity for new students to take a series of tests, confer with their advisers, prepare for matriculation and get acquainted with the campus.

Freshman Forum. A series of convocations is held once each week during the first semester to assist the freshman student in a successful transition to college life.

Faculty Adviser System. Each student at Otterbein is assigned to a member of the faculty who will serve as his adviser during the years he is on campus.

STUDENT GOVERNMENT

The College cultivates the acceptance of individual responsibility in its students for the social well-being of the campus community. The activities of the Student Government are so diversified that each student may find one area that will interest him or her, and at the same time find an opportunity to become acquainted with the problems facing citizens in a self-governing and democratic society.

The Student Senate is intended to facilitate the understanding of these responsibilities and to provide a means of student self-government.

All women students on the campus are members of the Women's Student Government Association.

Men students on the campus are governed by the Men's Student Government Association.

Violations of college regulations which require judicial consideration are heard by the Campus Council, on which there is both faculty and student representation.

PUBLICATIONS AND RADIO

The college newspaper, *The Tan and Cardinal,* is published by a student staff each week during the college year.

A student staff publishes the yearbook, the *Sibyl.*

The Quiz and Quill is an annual publication of the Quiz and Quill Club and contains the best creative writing of current students.

Student Life Handbook contains valuable information about student organizations, college regulations and extra-curricular activities.

The Otterbein College Bulletin is published quarterly in different forms: a catalogue, a departmental folder, or a general information pamphlet.

The Alumni Council publishes *The Towers* four times each year. *The Towers* contains items of interest to the alumni and friends of the college.

The campus radio station, WOBN-FM, is operated by students under the supervision of the Department of Speech. WOBN is a member of the National Association of Educational Broadcasters and the Intercollegiate Broadcasting Association.

INTERCOLLEGIATE, EXTRA CURRICULAR, AND INTRAMURAL ACTIVITIES

Athletics. The College is a member of the Ohio Athletic Conference and participates with many other colleges of Ohio in such men's sports as football, basketball, tennis, baseball, track, cross country, golf and wrestling. A limited intercollegiate program for women is offered featuring sports days in hockey, tennis, basketball, volleyball, bowling, softball, and archery.

Intramural athletic contests are carried out on the campus throughout the year. Both men and women participate in the program which includes football, tennis, basketball, horseshoes, volleyball, archery, field hockey, badminton, softball, golf, freethrow, and bowling.

Forensics. Otterbein is a member of the Ohio Association of College Teachers of Speech and of Pi Kappa Delta, national forensic honorary society. Each year the college is represented in debate tournaments, Prince of Peace Oratory, dramatic reading, and extemporaneous speaking contests sponsored by these organizations. There is, in addition, extensive participation in intercollegiate debate with other Midwest colleges. Those interested in forensics also participate in programs arranged for outside groups by the College Speakers Bureau.

Otterbein College Theatre. Under the supervision of staff members of the Department of Speech, the Otterbein College Theatre produces four major plays and two shorter plays yearly. The theatre tries to have one professional guest star, one arena theatre production, one town-and-gown production, and some student-directed productions each year. Students from all college departments participate. The major producing organizations are the Cap and Dagger Dramatics Club and the national dramatics honorary fraternity, Theta Alpha Phi.

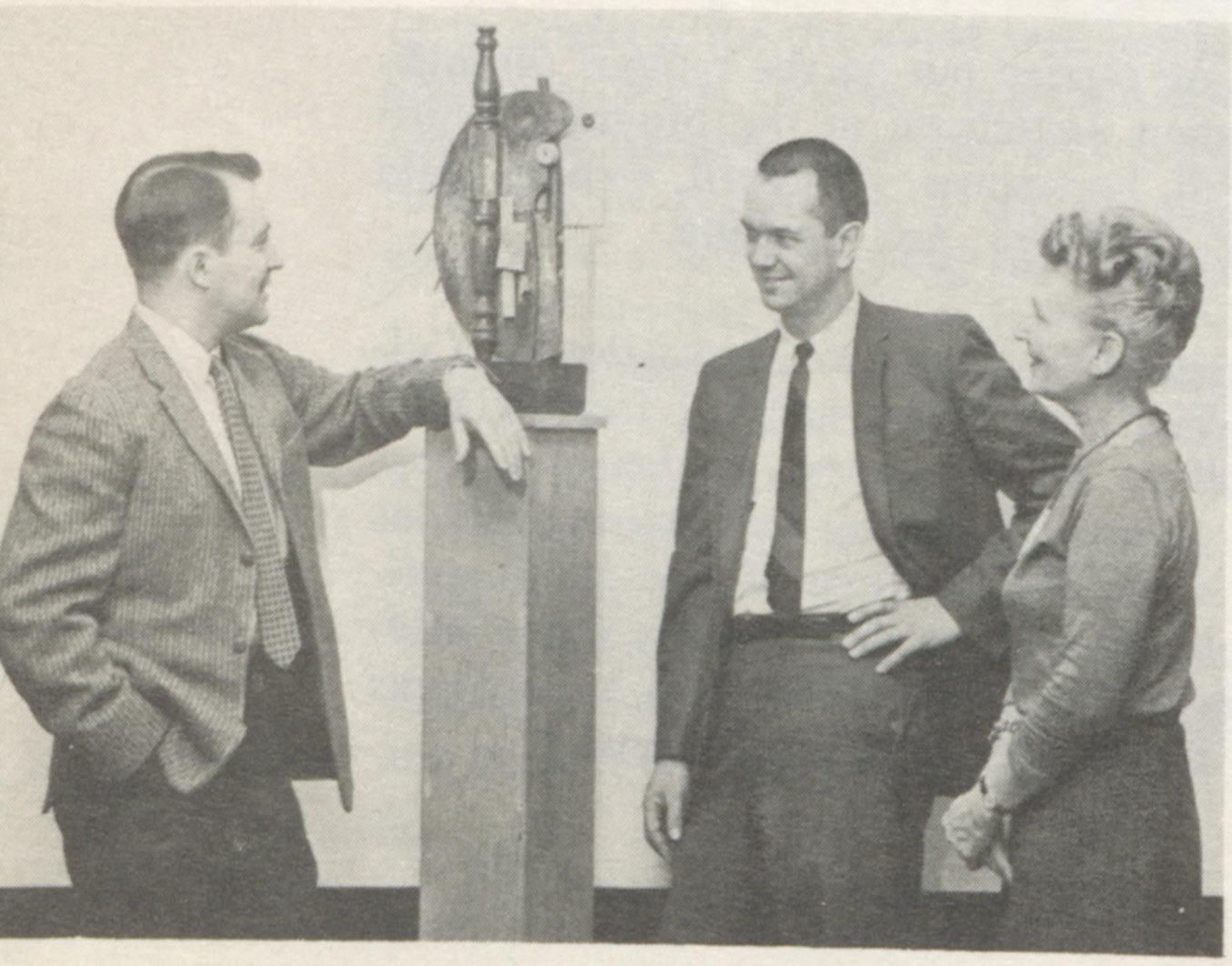
CONVOCATION

The Convocation program is designed to confront the campus community with programs of academic, cultural and religious interest. It consists primarily of guest lecturers who are invited to speak on subjects covering a wide range of concerns, although campus groups and interests are also included. All regularly enrolled students must attend. Freshmen must attend a special Forum series during the first semester in lieu of Convocation.

RELIGIOUS LIFE

Of the many pursuits in which one may become engaged at college, none is more vital than the search for life's meaning. At Otterbein we believe that this necessarily involves a quest of faith. To assist in this, a campus program of religious life is planned by the Council of Christian Associations (CCA) in cooperation with the Director of Religious Activities (Chaplain). Weekly worship expressions, dialogue groups, devotional periods, weekend retreats, and the opportunity to meet and converse occasionally with stimulating leaders in religious life are provided. The churches in Westerville are also available to students. All campus religious activities are inter-denominational in character.

Professors Discuss Art



OTTERBEIN
COLLEGE

CULTURAL AND ARTISTIC ACTIVITIES

Throughout the year the students at Otterbein have many opportunities to attend outstanding lectures, concerts and exhibits. The Otterbein College Artist Series presents several professional organizations in a wide variety of music-theatre-dance programs each year. An annual Festival of Arts brings authors, artists, professional performing groups and speakers, and there are frequent exhibitions of painting, drawing and sculpture. Income from the Frederick N. Thomas Memorial Lectureship Fund and other sources provide for an annual lecture series of distinguished scholars and other important public figures.

PLACEMENT SERVICES

Placement services are available through the office of the Director of Placement.

HEALTH SERVICE

The Health Service is served by four college physicians and staffed by five registered nurses, who have the responsibility of caring for the health of the student body. At least one of the nurses is always available for emergencies. A regular clinic is held each morning at eight o'clock, Monday through Friday, at which one of the college physicians is present. The parents are kept informed of the condition of the student in case of serious illness or accident. These services are made available through the payment of the health fee required of all students.

Each student is entitled to six days of infirmary service and any needed number of dispensary calls each year. If additional infirmary service is needed, the student is charged according to a schedule. When expensive medicines are required, the cost is borne by the student.

Each student is required to submit a health questionnaire, including a health statement by the student, immunization record, and physical examination by his physician. Only after the form is received may students register and attend classes. At the registration period, each freshman and transfer student is required to have a chest X-ray and a tuberculin skin test. These services are provided by the Tuberculosis Society of Columbus and Franklin County.

Students entering second semester are asked to get a chest X-ray and tuberculin skin test before coming to college, bringing written proof with dates of both tests, including results.

A voluntary health and accident insurance policy is also available at a reasonable fee for each student. Approximately 85% of the students elect to purchase this protection.

ORGANIZATIONS

The following organizations contribute to the development of students in their chosen fields and to the broadening of their perspectives:

Alpha Epsilon Delta, national pre-medical honorary.

Alpha Lambda Delta, national honorary for freshman women.

American Guild of Organists, student chapter.

Angel Flight, national honorary for women wishing to participate in AFROTC activities.

Arnold Air Society, national honorary for AFROTC cadets.

Cap and Dagger Club, a dramatic organization.

College Music Organizations, both vocal and instrumental, offer a wide variety of opportunities to all students.

Council of Christian Associations, coordinates all campus religious activities.

Delta Omicron, national music honorary.

Home Economics Club

Interfraternity Council

Kappa Kappa Psi, national band honorary.

Delta Tau Chi, composed of students preparing for full-time Christian service.

Men's Student Government Association

Music Educators National Conference, student chapter.

Ohio Student Education Association

Otterbein Christian Student Association, an organization to promote better religious expression and understanding on the campus.

Panhellenic Council

Phi Alpha Theta, national history honorary.

Phi Sigma Iota, national romance language and literature honorary.

Pi Kappa Delta, honorary forensic fraternity.

Quiz and Quill Club, for those interested in creative writing.

Sigma Zeta, national science honorary.

Society for the Advancement of Management

Theta Alpha Phi, national dramatics honorary.

Torch and Key, honorary scholarship society.

Varsity "O" Association, for men who have earned letters in intercollegiate athletics.

Women's Athletic Association, local affiliate of the Athletic Conference of American College Women.

Women's Student Government Board

Young Democrats

Young Men's Christian Association

Young Republicans

Young Women's Christian Association

FRATERNITIES AND SORORITIES

In addition to the organizations listed above there are six local social fraternities and seven sororities. The fraternities maintain houses near the campus. Each sorority has a club room in Clements Hall. All of the fraternities and the sororities have faculty sponsors.

HOUSING

All students are responsible for furnishing desk lamps, towels and bed linen. Women students will supply their own curtains. A linen service is available to the students at the rate of $26.00 per year, plus a $4.00 locker deposit which will be returned to the student at the end of the year. This service provides clean sheets, towels and a pillow case each week.

All students living in the college dormitories are required to pay a $137.50 room deposit by July 15. This is not refundable should the student withdraw after this time.

Women. All women students whose homes are not in Westerville or vicinity are required to live and dine in the residence halls unless granted special permission. Only those women whose homes are in Westerville, those who work in restaurants and those engaged in student teaching during meal hours need not purchase a semester meal ticket. In this case, a note from the Dean of Students must be presented at registration.

Men. All men students who do not commute from home will live in college owned or college approved housing. Non-commuting freshman men will live in the freshman quadrangle. Sophomore men in residence with a cumulative grade point average of 2.3 or better may live in fraternities if space is available, or in Davis Hall. Sophomore men in residence with a cumulative grade point average below 2.3 are required to live in Davis Hall. Junior and Senior men who do not commute from their homes may live in Davis Hall, in fraternity houses, if space is available or in college approved housing in town. Juniors and Seniors who wish to live in town housing may obtain a list of approved private homes at the Student Personnel Office.

THE WASHINGTON SEMESTER PLAN

Otterbein College is a member of the Washington Semester Plan. Under this plan students live in Washington for one semester, preferably in their junior year. They observe the functioning of the national government, and take courses at American University. Before being admitted to the program, student must have taken a course in American Government, must have attained a cumulative average of 2.8 and have been approved by the Social Studies Division.

THE MERRILL-PALMER INSTITUTE SEMESTER PLAN

Students majoring in such areas as home economics, elementary education, psychology, and sociology with special interests in family life education, psychotherapy, group dynamics, and marriage-family counseling may join the Merrill-Palmer Institute Plan. Participants live near the Institute in Detroit during the second semester of their junior year and take a normal academic load of about seventeen hours for which Otterbein gives them credit. To be eligible for the program the student must have attained an average of 3.0 in his major, at least six hours of which he has completed.

FISK UNIVERSITY STUDENT EXCHANGE PLAN

Students majoring in sociology, with special interest in race relations, who are interested in living in the South in a predominantly Negro collegiate community, may exchange places with Negro students who might be interested in living in the North in a predominantly white collegiate community. The exchange would usually be for the second semester of the junior year. A 3.3 point cumulative average in the student's sociology major is required.

OTTERBEIN JUNIOR YEAR ABROAD

By arrangement with the University of Strasbourg, an Otterbein student, after the completion of his sophomore year and the acquisition of proficiency in the French language, may take his junior year at the University under the supervision of a resident Otterbein instructor. Details are available from the Chairman of the Department of Foreign Languages.

AIR FORCE ROTC PROGRAM

In 1952 The United States Air Force established an Air Force ROTC program at Otterbein College as a sub-unit of AFROTC Detachment 655 at Ohio Wesleyan University. This program is designed to provide education that will develop skills and attitudes vital to career Air Force officers and to qualify for commissions those college men who desire to serve in the United States Air Force.

GENERAL REGULATIONS

The College has few regulations governing student conduct. It depends rather upon students cheerfully observing the moral and social proprieties. Students at Otterbein are expected at all times to maintain a high standard of personal integrity, honestry, respect for order, and the rights of others. The College may dismiss any student for any reason deemed sufficient after opportunity for a hearing before the Campus Council. There are, however, well-recognized rules.

1. Cheating in any course will cause failure of the course and will be so recorded in the student's file in the Student Personnel Offices. The second offense will cause immediate dismissal from the College.
2. Alcoholic beverages are not permitted on the campus, in fraternities, dormitory or town housing, or at any college sponsored social function.
3. The use of tobacco on the main campus and in buildings is limited to smoking areas provided.
4. No self-perpetuating society or organization may be formed without permission from the Faculty.
5. A student shall not represent Otterbein in intercollegiate or other extra-curricular activities unless a satisfactory standard of scholarship is maintained and the student complies with all other college regulations.
6. Regular students are required to attend convocation programs each semester. Freshmen must attend a special Forum series during the first semester in lieu of convocation. During the second semester seniors are permitted voluntary attendance. One semester hour of credit for each excessive absence will be added to the student's graduation requirement.
7. An unexcused absence during the twelve hours preceding or following a regularly scheduled holiday or vacation shall add three hours to the graduation requirement of the student. Each additional unexcused absence within the same period shall add an additional hour to the graduation requirements. Legitimate absences may be excused by the Dean of Students.
8. Students involved in stealing may expect immediate dismissal from the College.
9. A student who plans to be married while enrolled is responsible for having his parents notify the Dean of Students in advance of the event. Failure to comply with this regulation may subject the student to dismissal from the College.

Academic Policies

ADMISSIONS PROCEDURES

The admission procedures are intended to help select those candidates for admission who are qualified to profit from the educational opportunities offered by the College. Strong intellectual interests, thorough secondary school preparation, demonstrated leadership abilities, good health and sound character are desired in the successful applicant.

Making Application for Admission. All correspondence concerning admission to the College should be addressed to the Admissions Office, Otterbein College, Westerville, Ohio 43081.

Application blanks are available from the Admissions Office. Applications should be submitted during the summer preceding the student's senior year in high school or as early as possible during the senior year. It is necessary to provide the Admissions Office with the following material before an application for admission can be processed.

1. The application blank must be completed and returned. This is a general information form which includes space for an autobiography, two (2) unmounted photographs (portrait type, 2"x3"), and names of four (4) references.

2. The high school transcript must include all work completed at the time the application is sent. The student's rank in class should be included on the transcript. A supplementary transcript will be required after graduation from secondary school. These should be sent by the school principal directly to the Admissions Office.

3. The College Entrance Examination Board (SAT) scores are required. In addition, two of the Achievement Tests of the Board, including English Composition, are recommended. The Achievement Tests would be of most value if they were taken near the close of courses involving the subject matter of the tests.

4. Four (4) recommendations are required. One must be from an English teacher, one from another instructor, and two from character references.

5. A non-refundable processing fee of $10.00 must accompany the application.

A personal interview with each applicant is highly desirable. Students and parents are cordially invited to visit the campus for the interview.

Early Consideration. Prior to December, consideration is given to the application for admission of exceptionally well-qualified students.

Health Record. When notified of acceptance, the applicant will be supplied a blank for a record of his physical examination. The attending physician should send this form directly to the Admissions Office within thirty days after the student is admitted to the College.

Enrollment Deposit. A student accepted for admission prior to December 1 is requested to make an advance payment of $100.00 toward tuition by that date. A student granted admission after December 1 is required to make the payment within 15 days. The advance payment guarantees the student a place in the entering class for which he has applied. When a student completes his registration, this fee is credited to his first semester account. If the College is notified of a change of plans before April 1, $50.00 may be returned to the applicant. No refunds will be made after April 1.

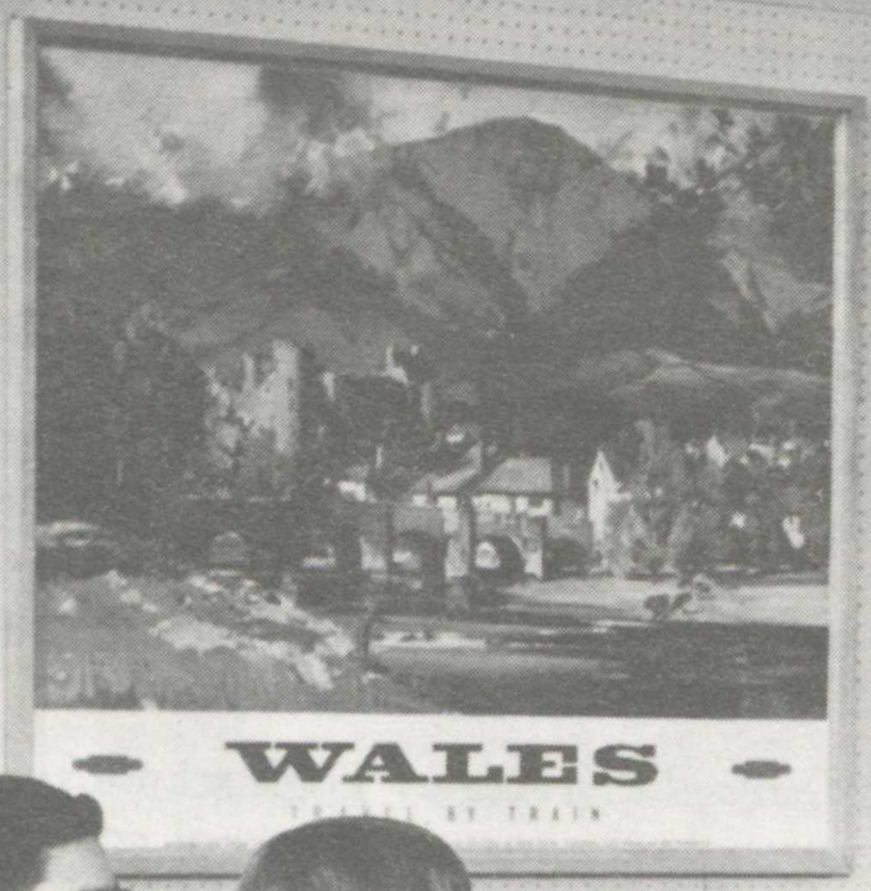
Advanced Placement. High school students who have taken college level courses in the secondary school and who have passed the Advanced Placement Examinations given by the Educational Testing Service, Princeton, New Jersey, may make application to the college for either advanced placement or credit in these subjects. They should see that the report of their examinations has been sent to the Registrar by the Educational Testing Service.

Transfer Students. A student who has registered for courses at another college may apply for admission to Otterbein if he is in good standing. Each transfer student must meet all entrance requirements. He must file official transcripts of all academic work attempted as a college student and a statement of honorable dismissal. The student should supply the Admissions Office with a current catalogue of the college attended, indicating clearly the courses for which he has registered. Credits accepted from other institutions are evaluated on the basis of the quality point system in use at Otterbein and are counted in the cumulative grade point average.

Once a person has matriculated and been enrolled as a regular student at Otterbein College, any work taken elsewhere must be transferred to Otterbein for evaluation and credit at the beginning of the semester in which the student is next in attendance. Violation of this requirement places the student in jeopardy of suspension.

A student has the option of taking full credit for all work transferred to Otterbein or of choosing to take no credit for the work from another school.

Former Students. A student who withdrew from the College while in good standing must apply for readmission through the Admissions Office.


WALES

CLASSIFICATION OF STUDENTS

A student who meets all of the norms established by the Admissions Committee and who is enrolled in a degree program is classified as a regular student.

A student who does not meet all of the norms established by the Admissions Committee may not enroll in a degree program and is classified as a special student. A special student must apply to the Admissions Committee to obtain classification as a regular student. Only the first 24 hours of credit earned as a special student may be counted toward a degree.

A student who carries fewer than 12 credit hours is classified as a part-time student, whether enrolled as a regular or special student. Permission of the adviser is required if a student wishes to carry more than 17 hours.

At the beginning of the first semester a student must have completed the following number of credit hours and quality points for the respective classifications:

For Sophomore standing	24 hours and 48 points
For Junior standing	56 hours and 112 points
For Senior standing	90 hours and 180 points

DEGREES

Otterbein College confers the following baccalaureate degrees: Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Bachelor of Music (B.Mus.), Bachelor of Music Education (B.Mus.Ed.), and Bachelor of Science in Education (B.S. in Ed.).

In order to secure two degrees, one of which is the B.A. or the B.S., a student must have completed not less than 150 semester hours of work, at least 92 of which are in the distinctly academic field, and he must have fulfilled the minimum requirement of each degree. A second major is required also, and the work for the second major must be taken at Otterbein College.

CREDIT HOURS AND QUALITY POINTS

The requirements for all degrees are based on semester credit hours and quality points. A semester credit hour is the equivalent of one class hour a week continued through the semester.

Quality points are awarded to the student according to the degree of excellence with which the work in each course of study is accomplished. The following is the schedule for the award of quality points:

For each semester hour of A	4 points
For each semester hour of B	3 points
For each semester hour of C	2 points
For each semester hour of D	1 point
For each semester hour of F & W	No points

SYMBOLS USED IN RANKING STUDENTS

The symbols A, B, C, D, F and W are used in ranking students. The letter A stands for extraordinary attainment in the course. B represents work that is above average; C represents average work; D below average; F failure. When work is audited, the grade is reported U for unsatisfactory or S for satisfactory participation in the course. "Pr" is the symbol given when the course requirements have not been met and a final grade cannot be given, because of a situation beyond the student's control. The removal of the above condition must be accomplished during the following semester or summer. Arrangements must be made with the Registrar for completion, should the student not be in attendance at Otterbein College. If the condition is not removed within the specified time, the condition will automatically become an F.

The W is used to mark a course regularly discontinued by permission of the Dean. Should a student leave college within a semester for reasons beyond his control, a W may be used to mark the courses in which he has enrolled if his work was satisfactory at the time of withdrawal.

ACADEMIC STANDING

A student is in good academic standing who attains a cumulative grade point average no lower than indicated in the following list:

1.6 upon completion of 12 semester hours,
1.7 upon completion of 24 semester hours,
1.8 upon completion of 36 semester hours,
1.9 upon completion of 48 semester hours, and
2.0 upon completion of 60 semester hours or more.

A cumulative point average of at least 2.0 in the major and minor fields as well as an overall cumulative point average of 2.0 is required for graduation.

Should a student's grade point average fall below the above mentioned levels, he will be placed on academic probation. Should a student's semester grade point average fall below 1.0 at the end of his first semester at Otterbein, or should his semester grade point average fall below probation level at the end of his first semester of probation, his status as a student at Otterbein will be in jeopardy. If placed on probation for any two semesters, the student must then maintain a 2.0 semester average until he is removed from probation or be asked to withdraw from college. If a student has accumulated 45 hours of work taken while on probation, his status as a student at Otterbein will be in jeopardy. Semesters on probation need not be consecutive. Should a student on probation register for courses which would bring his total to 45 or more probationary hours when completed, he must earn a grade point average sufficient to remove him from probation at the end of that semester, or be asked to withdraw. If a student is asked to withdraw because of low grades, his application for readmission must be addressed to the Academic Council.

WITHDRAWING FROM COURSES

Work for which the student has once registered cannot be discontinued except by permission of the faculty adviser, then the Academic Dean. Courses discontinued later than four weeks from the opening of the semester will be counted as failure.

ADDING COURSES

Courses may not be added without the permission of the instructor concerned, the faculty adviser and the Academic Dean, after the first two weeks of the semester.

REPEATING COURSES

A student may repeat any course which he has taken by registering for it again, in which case both grades earned will be counted in computing his point average.

REMOVING DEFICIENCIES

Any entrance deficiency which has not been removed by the close of the sophomore year will prevent a student from registering for further semester credit hours. Academic work designed to remove such deficiency will not be credited against the total hours required for graduation.

GRADUATION REQUIREMENTS

Credit Hours. At least one hundred twenty-four semester credit hours are required for graduation.

Residence Requirements. No student may graduate without spending at least one year in a full academic program, in residence at Otterbein. This should be the senior year.

The residence period for freshmen begins at the opening of the Freshman Orientation period. This is not an optional introduction to college work, but is an integral part of it.

Majors and Minors. During the college course, particularly in the last two years, provision is made for orderly and considered specialization, since each candidate for a liberal arts degree must choose one field of primary interest, his major, and a related field of secondary interest, his minor. A major shall consist of at least twenty-four semester hours, and a minor of at least fifteen. A studnt may take a major in any of the following:

Language and Literature
- English
- French
- German (on sufficient demand)
- Modern Language Combination
- Spanish
- Speech and Theatre

Fine Arts
- Visual Arts
- Music

Professional
- Education
- Home Economics
- Physical Education

Social Studies
- Business Administration
- Economics
- Government
- History
- History and Government
- Psychology
- Religion
- Religion and Philosophy
- Social Studies Combination
- Sociology

Science and Mathematics
- Biology
- Chemistry
- Mathematics
- Physics

A student may minor in any of these subject areas except the Modern Language combination or the Social Studies combination. Additional minors in Aerospace Studies, Philosophy and Christian Service are offered.

A student transferring from another college must take at least six hours of work in his major field and three hours in his minor field at Otterbein.

A student whose major is in biology, chemistry, mathematics, or physics may elect to receive the degree of Bachelor of Science.

Distribution Requirements. Each degree has specific courses or subject matter areas as a part of its graduation requirements. Because they differ slightly they are summarized below.

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

English Composition — 6 hours

Each student must demonstrate proficiency in English by passing a proficiency examination or by passing English 101-102. Entering students who show marked deficiencies in English will be required to take English I without credit in addition to English 101. Work completed by proficiency examination receives no credit.

Literature or Humanities — 6 hours

This requirement may be met by completing six hours in courses in Basic Literature, English Literature, American Literature, or Humanities 201-202. These selections must be made on the specific recommendation and approval of the adviser.

Foreign Language — 6 hours

Each student must demonstrate before the end of the junior year, proficiency in one foreign language. This requirement may be met by passing satisfactorily the second year course in any language offered by the college or by passing a proficiency examination requiring a knowledge of the language equivalent to that required to pass the final examination in the second year course of the language chosen with a grade of C or better.

Bible — 6 hours

Any combination of Bible courses will meet this requirement. Religion 211, 310 or 311 do not meet the requirement. Old Testament courses should be taken before New Testament courses.

Science — 8 hours

This requirement may be met by passing any of the following year courses: Biology 111-112, Chemistry 101-102, Geology 207-208, Physics 105-106.

Social Studies — 6 hours

Any year course in history, sociology, economics, government or the course History of Civilization will meet this requirement.

Mathematics (Required for the B.S. degree only) — 6 hours

This requirement may be met by taking either Mathematics 109-110 or 121-210.

Physics (required for the B.S. degree only) — 8 hours

Physical Education — 4 hours

Bachelor of Music

The requirements for this degree are described in detail in the general statement of the Department of Music, Fine Arts Division.

Bachelor of Science in Education and Bachelor of Music Education

In addition to the requirements listed for the B.A. degree, except for language, a candidate for a B.S. in Education must meet the requirements for certification in elementary or secondary teaching. Candidates for the Bachelor of Music Education degree should distribute their academic electives so that a minimum of 6 hours is taken in each of these fields: language and/or literature, science and/or mathematics, social studies. In addition, candidates for this degree are required to pass a performance test in their major applied field at the end of the sophomore and junior years.

SCHOLASTIC HONORS

A point average of 3.5 earned during any semester places a student on the Dean's List for that semester.

A student who has attained for the four years of his college course a cumulative point average of at least 3.7, is granted his degree *"with honors"* at graduation. Such a student must have attended Otterbein at least for his junior and senior years and must be deemed by the faculty to be a worthy representative of Otterbein.

Departmental Honors are awarded to a student who has attended Otterbein College for at least his junior and senior years, who has attained a point average of at least 3.8 in the field of his major and a general cumulative point average of 3.0 and who is deemed to be so motivated and trained as to be a worthy representative of the department.

The *Distinction Program* is open to the superior student. The program offers the opportunity for such a student to pursue a more intensive study of some special field of interest within his major field than is possible in regular courses. A Distinction Project involves independent study for two semesters and includes reading, laboratory or field work, preparation of a written report, and final examinations. Upon satisfactory completion of the Distinction Project, the student receives the honor of "Graduation with Distinction."

The program must be entered the first semester of the senior year. Preparation to enter the program should begin early in the second semester of the junior year. Additional information may be obtained from the Office of the Registrar or from the coordinator of the Distinction Program.

PRE-PROFESSIONAL AND PRE-VOCATIONAL STUDY

The chief emphasis at Otterbein is upon a liberal arts program based on the assumption that such a foundation is the best preparation for professional and graduate study. A wide variety of pre-professional curricula is offered.

Students planning to become candidates for the M.A. and Ph.D. degrees should acquire a working knowledge of French and German. In some instances another language may be required. In the natural sciences and social sciences a working knowledge of statistics is increasingly important. Those planning to enter professional or graduate school should work closely with their advisers since requirements differ considerably. Additional information regarding pre-professional curricula can be obtained from the Admissions Office.

To particularly able students Otterbein College offers a three-year Arts-Professional Program, 106 semester hours, whereby a student may spend three years in residence at Otterbein College, and then, with the approval of his adviser and the faculty, transfer to certain cooperating graduate or professional schools, approved by the Association of American Universities, and requiring a degree or its equivalent for entrance. A student who asks the Otterbein College faculty to approve him for this program must attain a B average and complete the requirements for the B.A. or B.S. degree at Otterbein with the exception only of the requirement of a total of 124 semester hours, of which 106 hours must be completed. Such a student, approved by vote of the faculty, will receive the B.A. or B.S. degree from Otterbein College, when he has completed satisfactorily the first-year course in such an approved graduate or professional institution.

Business Administration. There are increasing demands by industry, government, and other employers for men and women who have a liberal arts background and who have a broad training in the fundamentals of business operations. Otterbein offers that kind of business program which prepares those who plan to go directly into business and those who wish to enter graduate school for more specialized study.

Chemistry. The Committee on Professional Training of the American Chemical Society has outlined minimum requirements for the student who is planning on entering directly into the chemical profession or continuing with graduate study. The sequence of courses in the Chemistry Department follows the suggestions of this committee.

Engineering. Because professional engineering education has broadened its scope within the last decade and now recognizes the importance of cultural breadth as well as technological depth, Otterbein College maintains close contact with The Ohio State University, Carnegie Institute of Technology, and Case Institute of Technology. A student may spend two years at Otterbein and three years in the engineering school of his choice to complete his Bachelor of Science in Engineering degree. An agreement with New York University College of Engineering allows the student to spend three years at Otterbein and two years at New York University.

Forestry. A three-two cooperative program has been established with the Duke University School of Forestry for those interested in preparing for the forestry service.

Under this plan a student may study three years at Otterbein and two years at the School of Forestry at Duke University. Upon satisfactory completion of the first year at Duke, he may receive from Otterbein the Bachelor of Arts or Science Degree depending upon the requirements which he has fulfilled. At the end of the second year at Duke he will receive the professional degree, Master of Forestry, from Duke University.

Government and Foreign Service. Many opportunities exist in government and diplomatic services, and in the export and import services of large business corporations. The student desiring to enter these fields should major in history and government, and minor in economics and business administration, including accounting, English and foreign languages.

Journalism and Radio-television. The best preparation for journalists is a complete four-year liberal arts course. Except for news reporting and news editing, Otterbein advisedly omits all technical and so-called professional courses and leaves them to be taught by the newspaper itself. The student should major or minor in English and select as much work as possible in the sciences, economics, history, government, sociology, philosophy, and psychology. The *Tan and Cardinal,* the student newspaper, is published weekly by an all-student staff allowing the student to gain first hand experience.

Like the journalist, a student planning a career in radio-television should select a broad liberal arts program. He should major or minor in speech and supplement it with courses in writing, literature, visual arts, social science, philosophy, psychology, and a basic course in music interpretation. If the student has an interest in broadcasting from the technical or engineering side, he should take a major in physics. Practical experience can be gained by writing and producing radio and television programs which are broadcast from the laboratory studios over the campus FM radio station WOBN, and the simulated TV station, WOBN-TV.

Law. Members of the National Association of Law Schools require 90 semester hours of arts and sciences; however, many law schools require the Bachelor of Arts degree for admission. The Ohio Bar Association requires graduation from a four-year college for admission to any law school in the state. Law schools emphasize the importance of a good liberal arts background. Recommended courses include accounting, economics, English, government, history, philosophy, speech, and French or German. Otterbein offers all the courses required for admission to the nation's best law schools.

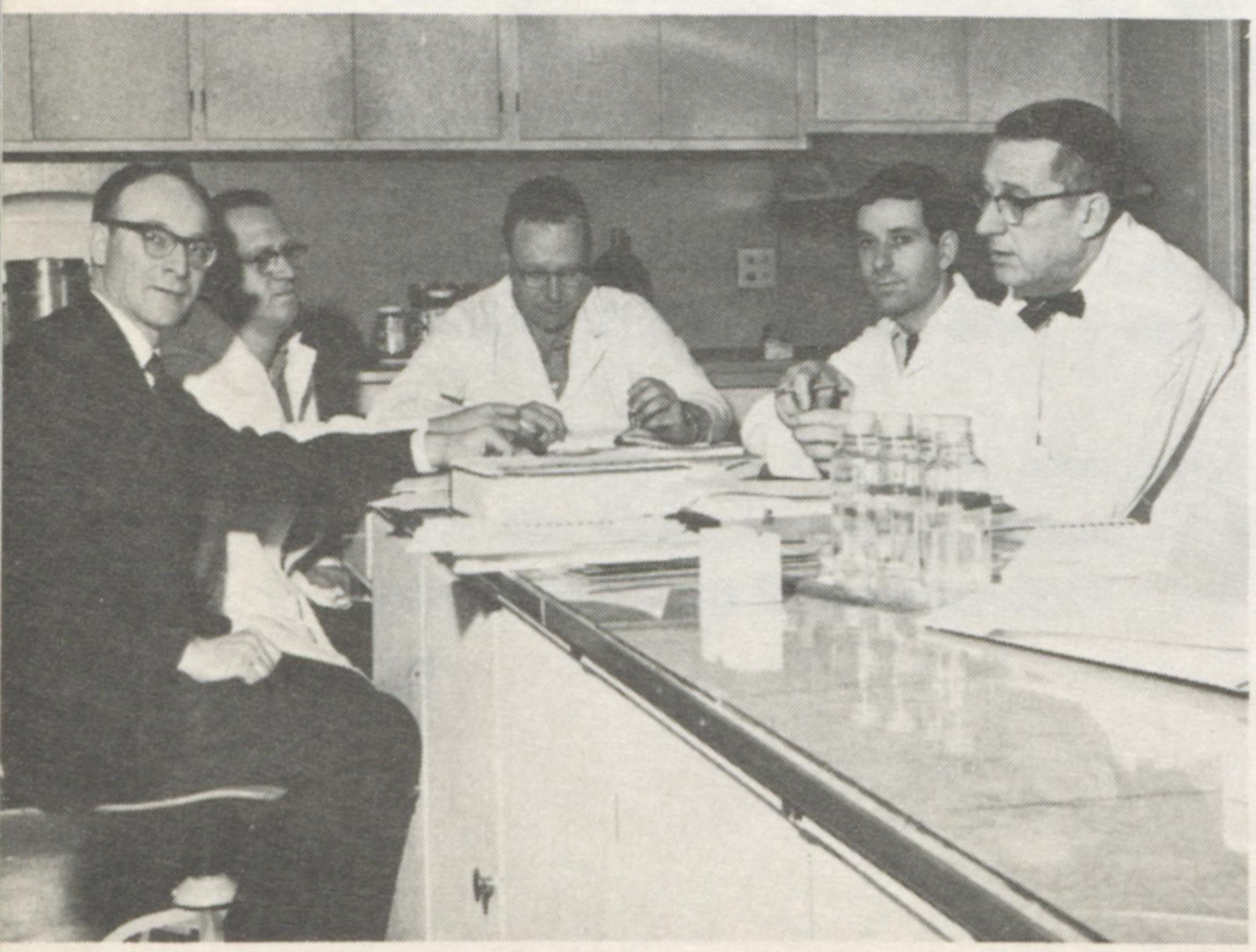
Library Science. Approved library schools require a bachelor's degree for admission. The most desirable preparation is a broad cultural education, and essential undergraduate work would include a familiarity with both English and foreign literature and a reading knowledge of one or two foreign languages. There is also a growing need in industrial research libraries for librarians with scientific backgrounds.

Medicine and Dentistry. The purpose of collegiate training for students who desire to enter the fields of medicine or dentistry is first, to provide a strong background of general culture and second, to give the student training in subjects that are fundamental to those of the medical or dental school. The science curriculum is designed to provide the student with such training as to enable him to carry the work in the professional school with better understanding and technique. Otterbein has an excellent record of placing its pre-medical and pre-dental students in the nation's foremost professional schools.

Medical Technology. The College has entered into a cooperative arrangement with the School of Medical Technology of the Miami Valley Hospital of Dayton, Ohio. In accordance with this plan a student takes three years of work at Otterbein and the final year at the school of medical technology.

A candidate for graduation from the medical technology program shall, upon approval of the Committee on Graduation Requirements,

Lab Talk



Student Checks Slide

complete one hundred hours in residence at Otterbein College, and fulfill department and degree requirements. The student may attend the School of Medical Technology at Miami Valley Hospital in lieu of the senior year on campus. The Graduation Requirements Committee will evaluate the courses taken at the school of medical technology in terms of semester hours, and if a candidate has completed work totaling at least twenty-four hours by the end of the first academic year in that school, he may be eligible for an Otterbein degree.

Nursing. Otterbein offers a program meeting the requirements for admission to schools of nursing in accredited universities. If the student completes a two year pre-nursing curriculum at Otterbein she will have taken the basic course work for entrance into a fully accredited school of nursing. Upon completion of the program in the school of nursing, the student would receive a Bachelor of Science in Nursing degree from that school and would be eligible for examination and licensing as a registered nurse.

Professional Psychology. Within recent years such positions as consulting psychologist, industrial psychologist, personnel worker, counselor, vocational guidance expert, and clinical psychologist have received wide recognition. As always the fields of psychological research and the teaching of psychology also offer opportunities.

Preparation for the theoretical fields of psychology should include courses in zoology, comparative vertebrate anatomy, genetics, human physiology, chemistry, physics, and mathematics. A thorough grounding in sociology and at least a minor in psychology are required.

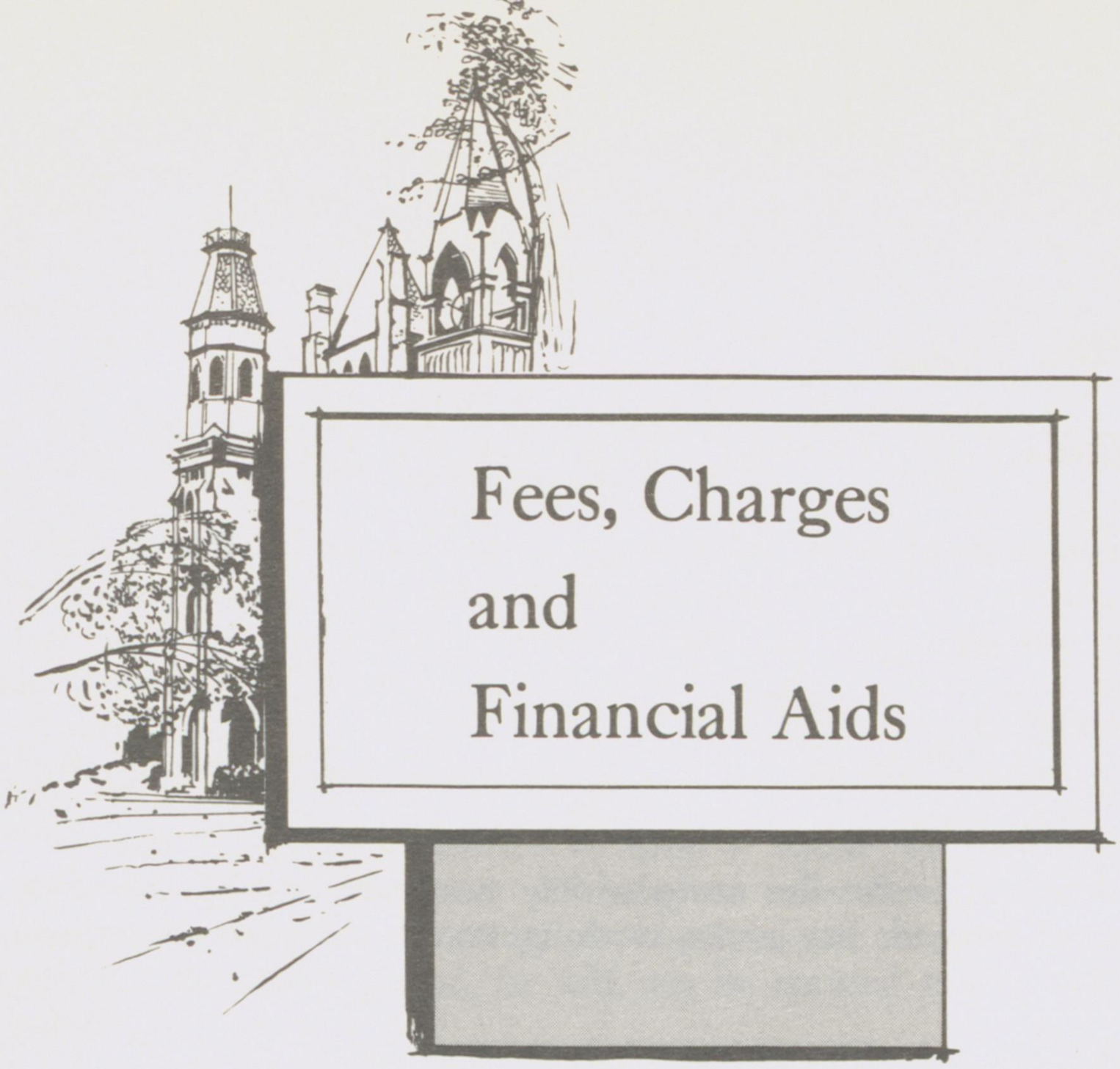
Preparation for the various fields of applied psychology should include extensive work in psychology, sociology, and additional courses in the sciences and mathematics.

Social Work. Trained leadership in this field is in increasing demand. Professional schools of social work are looking for more high quality men and women from undergraduate schools. Otterbein offers courses in sociology and the other social studies which provide basic training and minimum entrance requirements for graduate schools of social work.

Theology. Theological seminaries recommend a thorough grounding in the arts and humanities. The courses required for graduation from Otterbein College would be included in their recommendations. The quality of work done in college is more important than particular courses taken.

Those students who expect to take New Testament studies in Greek in the seminary should have two years of Greek in college.

Courses are available at Otterbein which will meet the recommendations of the seminary which the student expects to attend.



Fees, Charges and Financial Aids

The cost of educating each student is considerably more than the charges to the student. Endowments and various types of current gifts supply the funds needed beyond the amount provided through fees. All charges are subject to change without notice by action of the Board of Trustees.

SEMESTER EXPENSES

Comprehensive Fee	
Music Students	$600.00
Professional Semester Students	600.00
Regular Students—From 12 to 17 hours	560.00
From 1 to 11 hours, per hour	42.50
Over 17 hours, per hour	30.00
Evening School, per hour	42.50
Summer School, 8 to 11 hours	340.00
1 to 7 hours, per hour	42.50
Over 11 hours, per hour	30.00
Board, 21 meals per week	222.50
[1]Room (Dormitories)	137.50

Regularly registered students are entitled to audit courses with consent to the instructor. A student not registered in other courses is required to pay an auditing fee of four dollars per semester hour.

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[1]Any student refusing to accept a roommate will be charged a double dormitory rate.

SUMMARY OF YEARLY EXPENSES

	Low	High
Comprehensive fee—12-17 hours	$1,120.00	$1,200.00
Board	445.00	445.00
Room (Dormitories)	275.00	275.00
Room (Men—Private Homes)	175.00	275.00
Total—Women	1,840.00	1,920.00
Total—Men	1,740.00	1,920.00

The foregoing estimates include only necessary college expenses. No allowance is made for books, clothing, travel and personal expenses.

PAYMENT OF COMPREHENSIVE FEE

Students are required to make a down payment of $300.00 prior to registration each semester.[2] The remainder of their bills will be due in full as follows:

1st semester	November 20
2nd semester	March 20

Failure to complete payment in accordance with the above schedule carries with it a charge of 2% on the unpaid balance and credit for the semester's work will not be given until such time as payment is completed.

Any money earned by a student as a result of employment by the college may be applied to his account until such time as the full semester's charges are paid.

REFUNDS

Cash refunds to students who withdraw from the College and who have paid tuition at the time of registration are made only as follows upon written authorization of the Dean:

Withdrawal Within	Charge	Withdrawal Within	Charge
First Week	10%	Sixth Week	60%
Second Week	20%	Seventh Week	70%
Third Week	30%	Eighth Week	80%
Fourth Week	40%	Ninth Week	90%
Fifth Week	50%	Tenth Week or after	100%

[2]For the convenience of those parents who wish to pay the cost of tuition and expenses in monthly installments, the College is pleased to offer Tuition Plan, Inc., Education Funds, Inc. or Insured Tuition Plan. All pertinent information about the plans is mailed during the summer. Students whose semester bill may be less than $300.00 are required to make a down payment of $100.00.

No part of instruction fees will be refunded if the student withdraws after he has been in college nine weeks or longer.

A student who, at the beginning of a semester, registers for board at the dining hall will be charged for a minimum of three week's board in case of withdrawal from the dining hall. In case a student discontinues boarding at the dining hall at a later date, the charge will be for the period up to the date his ticket is returned to the dining hall. No refund of room rent will be made.

A student who is permitted to drop a course within four weeks after the opening of a semester will be given full refund on tuition. For this purpose, tuition is calculated at whatever rate he paid originally. After the four week's period, he will not be entitled to any refund on tuition.

SPECIAL FEES

All students not entering for the first time, who fail to register at the time set for such purpose, will be required to pay a penalty of one dollar for each day of delay.

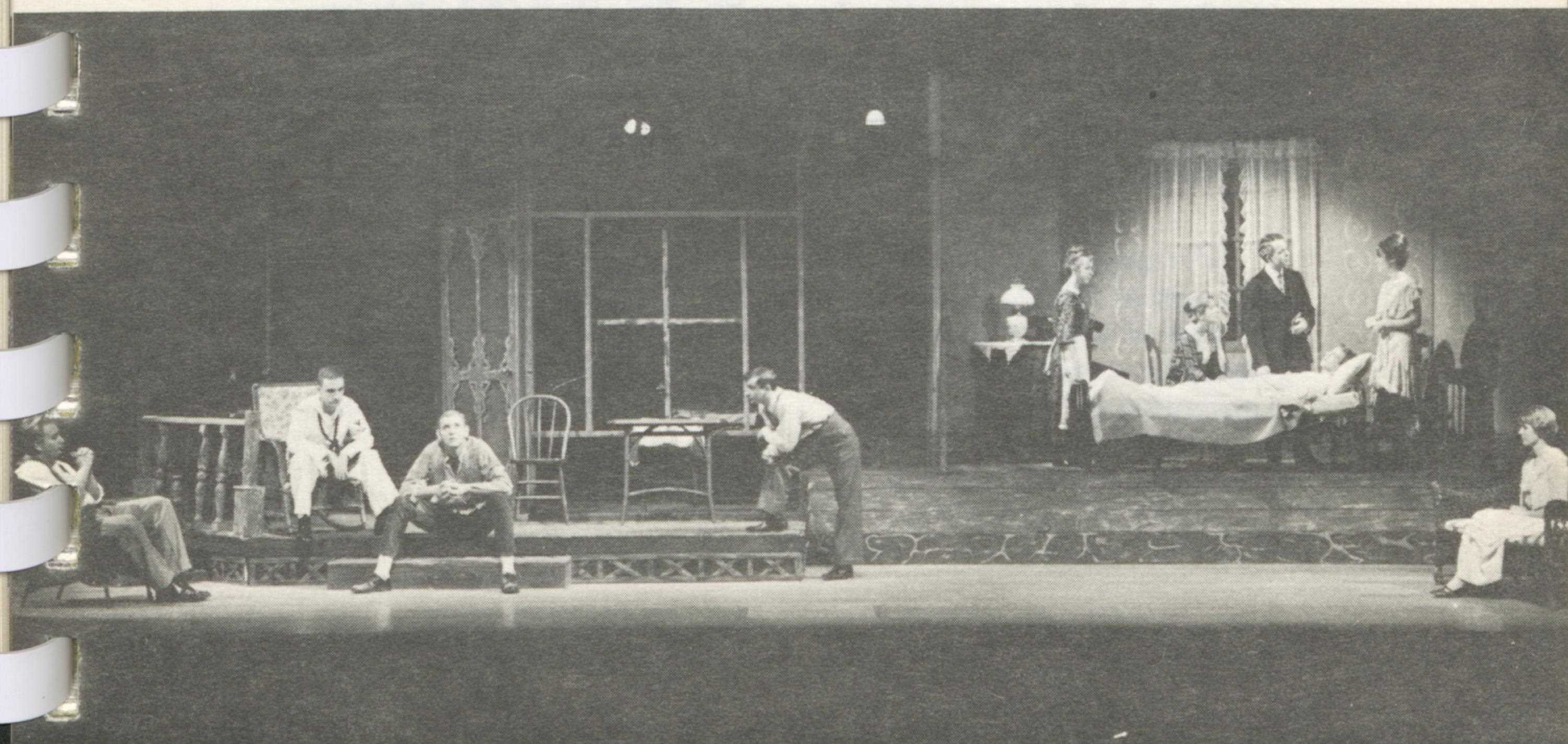
A fee of fifty cents is charged for change of schedule.

A fee of four dollars is charged for giving any final examination or one hour examination at any time other than that for which it is scheduled regardless of the cause of absence of the student, except in cases of sickness where student has certificate of excuse signed by proper Health Center authority.

A fee of five dollars per course will be charged for credit by examination.

The transcript fee for students in school is fifty cents; for former students and graduates, one dollar.

Scenes from Student Production of "Look Homeward Angel"



FINANCIAL AID

Otterbein College provides financial help to regularly admitted students through programs of Scholarship Awards, Scholarship Grants, Designated Grants, college administered loan funds (including the N.D.E.A. loan program), Work-Study program, and campus employment.

Applicants for aid must qualify on the basis of one or more of the following: academic excellence, civic contribution, personal qualifications and financial need.

To Apply for Financial Aid. All applications are processed through the Admissions Office. The candidate for aid must file two forms: (1) the Otterbein College Application for Financial Aid, submitter to the College; and (2) the Parent's Confidential Statement, submitted to the College Scholarship Service, Princeton, New Jersey. The forms are available from the Admissions Office.

Incoming freshmen should file at the time of application for admission, but no later than April 15. Upperclassmen should file no later than May 15.

Scholarship Awards. Each year twenty to twenty-five scholarship awards, each worth up to $2,400.00 over a four-year period, are awarded to incoming freshmen who qualify. The scholarship awards are continued providing the student maintains the required grade point average and good campus citizenship. All requirements for these awards must be met by the end of February. Awards are announced by March 15.

Scholarship Grants. A number of scholarship grants are given on the basis of financial need and scholastic ability to incoming freshmen and to students currently enrolled. The financial need is determined from information submitted by the applicant to the College Scholarship Service, Princeton, New Jersey. These grants, up to $500.00, are given for one year. They are renewable upon application. Renewal is based upon financial need, college grades and campus citizenship. A student classified as a transfer may be considered for this type of aid following a semester in full time residence at Otterbein.

Designated Grants. A limited number of special grants drawn from special scholarship funds are given to individuals who qualify on the basis of a particular field of study, or who come from a particular geographic region, or who make some worthwhile and outstanding contribution to campus life.

These grants are available to incoming or currently enrolled full-time students at Otterbein. The grant may be renewed upon application provided the student qualifies according to the particular scholarship provision, makes satisfactory academic progress, and maintains good campus citizenship.

Student Employment. Students may request employment on the campus. Work is granted commensurate with student need and available employment. Students may earn as much as one-fourth to one-third of their college expenses. Work is available in the dining hall, library, various offices, maintenance department, and other places throughout the campus.

Some students obtain jobs in business establishments and other places within the Westerville area. The College is willing to assist in locating work for students, and the Student Personnel Office maintains a list of student employment opportunities within the community.

Student Loans. National Defense Education Act loans are available to qualified students. To qualify a student must: (1) be a regularly admitted student at Otterbein; (2) have a demonstrated financial need by submitting the Parent's Confidential Statement form through the College Scholarship Service, Princeton, New Jersey; and (3) maintain satisfactory academic standing as determined by the College.

A number of private loan funds are available to qualified students of junior and senior standing. Most loans carry the same requirements as N.D.E.A. loans above.

The following funds may be borrowed by worthy students. Preference is given to seniors. The loans are secured by notes which are due one year after graduation. Interest is charged at the rate of 3% per annum until maturity; 6% after maturity.

The Dayton Alumni Loan Fund
The Clements Loan Fund
The Eberly Loan Fund
The Albert J. Demorset Memorial Fund
The Emergency Loan Fund
The Middletown Alumni Association Loan Fund
The James H. Fennessey Loan Fund
The Educational Loan Fund
The Ministerial Student Loan Fund
The Michigan Alumni Fund
The Bonita Jamison Loan Fund

SCHOLARSHIP FUNDS

The income from the following scholarship funds is available for the financial aid of worthy students. Some of the funds are available only to students who are taking certain types of work or who come from certain areas and some are unrestricted.

Allegheny Branch Christian Endeavor Scholarship Fund	$ 1,000.00
Anonymous Scholarship Fund	4,000.00
Altoona First Church C. E. Scholarship Fund	5,000.00
Shauck E. Barlow Scholarship Fund	5,000.00
Tressa Barton Memorial Scholarship Fund	1,000.00
Sherman Bilsing Scholarship Fund	2,255.00
Board of Christian Education Scholarship Fund	4,000.00
J. Neely and Estella Boyer Scholarship Fund	13,307.73
Rev. J. Bren and Ida B. Mauger Bovey Scholarship Fund	12,029.29
Forest Bryant Scholarship Fund	14,625.00
Joseph Hannibal Caulker Memorial Scholarship Fund	10,000.00
Wilson Cellar Scholarship Fund	8,000.00
Class of 1913 Scholarship Fund	19,000.00
Class of 1914 Scholarship Fund	1,500.00
Class of 1918 Scholarship Fund	2,225.00
Class of 1963 Scholarship Fund	866.27
Edith L. Fouts Clements Scholarship Fund	11,250.00
Harry R. Clippinger Memorial Scholarship Fund	1,650.00
S. C. Conrad Scholarship	2,500.00
Mrs. A. D. Cook Memorial Scholarship Fund	8,273.00
Estella Courtright Scholarship Fund	1,000.00
Courtwright-Wagner Scholarship Fund	1,100.00
Vance E. Cribbs Memorial Scholarship Fund	2,516.00
Mary Crumrine Memorial Fund	890.75
Rev. and Mrs. S. F. Daugherty Scholarship Fund	750.00
Albert Demorest Scholarship Fund	200.00
Bishop John Dickson and Mary Jane Dickson Scholarship Fund	4,000.00
East Ohio Branch Christian Endeavor Scholarship Fund	2,000.00
Edler Memorial Scholarship Fund	1,000.00
James H. Fennessey Memorial Scholarship Fund	5,500.00
Findeiss Scholarship Fund	9,600.00
Mr. and Mrs. Edward Goodrich Memorial Scholarship Fund	500.00
Ila Grindell Scholarship Fund	3,025.09
Rev. E. E. Harris Scholarship Fund	627.50
Frances Harris Music Scholarship Fund	2,947.00
Ephraim D. Hartman Scholarship Fund	1,000.00

Guy Franklin Hartman Scholarship Fund	2,000.00
Milo Lloyd Hartman Scholarship Fund	2,000.00
Ora Bale Hartman Scholarship Fund	2,000.00
Ila Bale Hayes Scholarship Fund	3,100.00
Erem John Healy Memorial Scholarship Fund	1,700.00
Richard A. Hitt Scholarship Fund	2,107.50
Mr. and Mrs. S. Hohenshil Memorial Scholarship Fund	1,500.00
Mr. and Mrs. D. M. Hollar Memorial Scholarship Fund	1,000.00
William Henry Otterbein Hubert Memorial Scholarship Fund	500.00
Johnstown Park Avenue E.U.B. Church Scholarship Fund	4,404.50
Mr. and Mrs. J. S. Kendall Scholarship Fund	1,000.00
Forrest G. and Maude Berry Ketner Scholarship ($1,000 productive)	5,000.00
Charles F. Kettering Scholarship Fund	1,000.00
P. H. Kilbourne Memorial Scholarship Fund	205.00
King Foundation Scholarship Fund	22,949.13
Ethel Gaut Kintigh Memorial Scholarship Fund	1,000.00
Blanche Kline Scholarship Fund	19,166.22
Mr. and Mrs. C. Philip Knost Scholarship Fund	200.00
Charles W. Kuntz Memorial Scholarship Fund	1,450.00
Lake Odessa, Michigan, C. E. and S. S. Union Scholarship Fund	200.00
Edwin T. Long Scholarship Fund	2,250.00
Claudine Love Scholarship Fund	9,937.13
Ada Markley Lutz Scholarship Fund	1,000.00
Eleanor MacKenzie Memorial Scholarship Fund	1,579.00
J. C. and Esther McGee Scholarship Fund	1,000.00
Walter A. Maring Scholarship Fund	10,723.57
Dr. Stephen C. and Mary B. Markley Scholarship Fund	16,315.64
Rev. Jacob L. and Elizabeth B. Mauger Memorial Fund	12,029.29
Sara B. Mauger, '95 Memorial Scholarship Fund	12,014.26
Albert C. May Memorial Scholarship Fund	2,671.35
W. C. and Cynthia May Scholarship Fund	1,000.00
Memorial Gifts Scholarship Fund	7,612.00
Alvesta S. Meyers Scholarship Fund	5,000.00
Miami Conference Branch C. E. Scholarship Fund	1,000.00
Michalchuk-Labunetz Memorial Scholarship Fund	200.00
M. B. Monn Scholarship Fund	1,285.00
Arthur A. Moore Memorial Scholarship Fund	2,000.00
Fern L. Moss Memorial Scholarship Fund	2,000.00
"O" Club Scholarship	1,000.00
Charles W. O'Neal Pre-Theology Award	2,500.00
Otterbein Home Scholarship Fund	406.74
Overholser-Deets Scholarship Fund	1,000.00

Mr. and Mrs. Russell Palmer Scholarship Fund	1,300.00
Paula Peters Memorial Scholarship Fund	3,995.62
Phoenix Phi Theta Phi Scholarship Fund	990.50
G. W. Pringle Memorial Scholarship Fund (Not yet productive)	5,000.00
Rev. Hezekiah L. Pyle and Neilie A. Pyle Memorial Scholarship Fund	85,808.69
J. O. Ranck Scholarship Fund	100.00
Resler Foundation	1,000.00
Rike Foundation Scholarship Fund	10,500.00
Nettie Lee Roth Scholarship Fund	6,328.53
Mr. and Mrs. W. F. Rudisill Scholarship Fund	1,000.00
Sandusky Christian Endeavor Scholarship Fund	878.00
Elmer S. Schutz Memorial Scholarship Fund	1,500.00
Cora E. Scott Scholarship Fund	5,162.09
C. E. Shawen Memorial Scholarship Fund	5,100.00
Tom L. Shoemaker, Jr. Memorial Scholarship Fund	2,763.00
Showers-Lorenz Memorial Scholarship Fund	5,000.00
Vinton B. Singer Scholarship Fund	1,000.00
John Franklin Smith Scholarship Fund	5,459.50
Mrs. Martha Soule Scholarship Fund	1,000.00
Southeast Ohio Branch C. E. Scholarship Fund	1,000.00
Southeast Ohio Conference Board of Christian Education Scholarship Fund	1,115.55
Summit County Student Aid Fund	407.89
Sam C. Swain Scholarship Fund	750.00
Sylvia Warren Turner Scholarship Fund	3,100.00
Van Gundy, Beck and Van Gundy Scholarship Fund	2,000.00
Wagner Scholarship Fund	620.00
Mr. and Mrs. George A. Weaver Scholarship Fund	1,000.00
Webster-Irmler Memorial Scholarship Fund	3,224.14
E. L. Weinland Scholarship	1,589.00
Dr. and Mrs. A. H. Weitkamp Scholarship Fund	2,700.00
George E. Welshans Memorial Scholarship Fund	1,000.00
Westerville Creamery Scholarship Fund	5,000.00
Westerville Otterbein Women's Club Scholarship Fund (Not yet available)	6,462.08
Wiley Memorial Church Scholarship Fund	1,000.00
Solomon Zartman Memorial Scholarship Fund	1,000.00

Going to Classes

PRIZES

Barnes Short Story Prizes—Mr. J. A. Barnes, of Wellesley, Mass., class of '94, established a short story prize scholarship amounting to $2,000, the income from which is to be used for prizes of $35 and $15 each for the best stories on Good Citizenship. The sum of $30 is to be used for the purchase of books for the library bearing upon the subject. The scholarship is established in memory of Mr. Barnes' brother, Walter Barnes, of the class of '98.

Quiz and Quill Foundation, $6,287.50—This fund was established by members of the Club to promote the *Quiz and Quill* magazine, to provide prizes for the annual contests sponsored by the Club, and to further the interests of creative writing on the campus.

Class 1904—*Prize in Government and Political Science,* $625.00—The annual income of $25 is to be used each year as a prize to an outstanding student in the field of government and political science.

The Weinland Writing and Selling Contest—Dr. Louis A. Weinland, Jr., class of 1930, awards prizes of $25, $15, $10 and $5 to the four students earning the largest gross amount of money during each year from any kind of writing for either publication or dramatic production exclusive of staff work.

The Dr. James H. Weaver Mathematics Award—Mrs. James H. Weaver of Hilliard, Ohio, has established a Mathematics Award in the sum of $250 in memory of her husband, Professor James H. Weaver of The Ohio State University. The yearly income of $10 from this fund is given to a student showing high rank in the Department of Mathematics.

The Lawrence Keister Classical Greek Prize Foundation—Rev. Lawrence Keister, Scottdale, Pennsylvania, gave $1,000 as a permanent foundation for annual prizes in classical Greek to be distributed to first, second and third year students on the basis of ability.

The Lawrence Keister New Testament Greek Prize Foundation—The foundation for these prizes consists of $500. To students in New Testament Greek, prizes of $25 and $15 will be given in order of class rank. The winners shall be announced on Commencement Day.

Pierre Frederic and Louise Marguerite Rosselot Scholarship, $1,890.00. The income from this fund is awarded to a senior or a junior who shall have attained high rank in the departments of American and European history, Political Science, and French language, and who shall have made a special study of some phase of international relations.

Russell Prize, Underclass Speaking Contest—Three prizes, $25, $15, and $10 each, are offered to students who win the first three places in the annual declamation contest for underclassmen.

Russell Prize, Upperclass Speaking Contest—Three prizes, $25, $15, and $10 each, are offered to students who win the first, second, and third places in the annual oratorical contest for upperclassmen.

Rev. Howard H. Russell, founder and associate superintendent of the Anti-Saloon League of America, established this series of prizes for those who win distinction in public speaking and oratory at Otterbein.

Gressman-Shultz Drama Award—Lt. Phyllis L. Shultz, '52, has established a drama award to be presented yearly to the outstanding senior student who has made the greatest contribution in the field of theatre arts, either technical or acting, during the school year. The winner, whose name is engraved on a large plaque located in the theatre Green Room, receives a trophy and $10. The award is presented in honor of Miss Shultz's brother, Malcolm Gressman, '48.

George Bechtolt Memorial Drama Award—The Detroit Alumni Club has established an award of $25 to be presented yearly to the outstanding junior male student who has made the greatest contribution in the field of theatre arts, either technical or acting, during the school year. The award is in honor of the late George Bechtolt,'25.

The Cox Prize Foundation for Debate—A prize of $85 is awarded by Mr. J. O. Cox of Valparaiso, Ind., to the winning team in the annual Inter-Squad debate.

Carl C. Byers Public Speaking Prize—A prize of $35 is awarded to a senior demonstrating outstanding general platform presentation in an actual speech situation.

Weinland Chemistry Prize—Two prizes of $10 each are offered annually to freshman students who rank highest in the courses of General Chemistry. These awards were first made by Professor L. A. Weinland and are continued in his memory.

The Charles R. Bennett Prize Award in Business Administration—The late Mr. Charles R. Bennett of Westerville, Ohio, established a prize fund in Business Administration in the sum of $750, the income from which is awarded to students showing high rank in the Department of Economics and Business Administration.

The Kathleen White Dimke Writing Scholarship—Mr. T. E. Dimke, and friends have endowed a fund, the income from which provides an annual scholarship to an outstanding writer. The award is made in the second semester of the junior year.

The Mary Miles Award in Mathematics—An annual award of $50, established by the family and friends of Mary T. Miles, a long time teacher of mathematics in high school, is available to a junior or senior student showing proficiency in mathematics.

Variations in all prizes may be made as changed conditions and discretion suggest.

Courses of Instruction

THE DIVISIONAL SYSTEM

Otterbein has organized its academic departments into five divisions. The concept of the divisional arrangement is based on the assumption that it is desirable to preserve an interdepartmental unity in the total college curriculum. The departments are grouped as follows:

LANGUAGE AND LITERATURE: English, Foreign Languages, Speech.

SCIENCE AND MATHEMATICS: Biology and Geology, Chemistry, Mathematics, Physics and Astronomy.

SOCIAL STUDIES: Business Administration and Economics, History and Government, Religion and Philosophy, Sociology and Psychology.

FINE ARTS: Visual Arts, Music.

PROFESSIONAL STUDIES: Aerospace Studies, Education, Home Economics, Health and Physical Education, Music Education.

EXPLANATION OF COURSES

In case the subject matter of a course is offered continuously throughout the year, both the odd and even numbers are indicated, with a dash between them. The number of credit hours listed for such courses is the number secured at the end of a full year's work. However, in such courses the person in charge of instruction in the department concerned may permit entrance at midyear and may permit credit to be secured for either semester of the year's work separately.

The courses in the "100" group are elementary and are designed primarily for freshmen; those in the "200" group are more advanced and are for sophomores; the "300" courses are primarily for juniors and seniors; and those in the "400" group are for seniors only.

Nov 19
Studio Recital

of literary forms in English and American literature. The preferred prerequisite to 300 and 400 courses in the department. Required for a major in English, for the standard certificate in elementary teaching and for a certificate to teach English in grades 7-12.

303-304. AMERICAN LITERATURE *6 hours*
First semester, major writers and literary movements from colonial times through Hawthorne, Melville, and the New England poets. Second semester, from Walt Whitman to the present time.

305. CHAUCER AND HIS AGE *3 hours*
Major writings of Chaucer and their relationship to fourteenth and fifteenth century developments in English language and literature.

311-312. SHAKESPEARE AND HIS CONTEMPORARIES *6 hours*
First semester, Elizabethan drama to 1600, including the comedies and chronicle histories of Shakespeare. Second semester, Elizabethan and Jacobean drama 1600-1616, including Shakespeare's tragedies and late dramatic romances.

315. THE ROMANTIC PERIOD *3 hours*
The Romantic Movement in England from the middle of the eighteenth century to the death of Scott.

316. THE VICTORIAN AGE *3 hours*
The chief poets and prose writers of England from 1832 to 1900.

317. THE RISE OF THE ENGLISH NOVEL *2 (3) hours*
Selected British novels from Defoe to Hardy. A third credit hour may be earned by additional reading.

318. THE TWENTIETH CENTURY NOVEL *2 (3) hours*
From Hardy to the present, with special attention to the rise of realism in England and America. A third credit hour may be earned by additional reading.

319. MILTON AND THE SEVENTEENTH CENTURY *3 hours*
Poetry and prose from Donne to Dryden, with emphasis on Milton in his epic period.

320. THE NEO-CLASSIC AGE 1660-1784 *3 hours*
English writing from the Restoration through the Age of Johnson.

339-340. WORLD DRAMA *6 hours*
First semester, development of drama from Aeschylus to Turgenev. Second semester, from Ibsen to the present.

341. World Literature: The Continental Novel *2 (3) hours*
Tolstoy, Dostoevski, Flaubert, Zola, Kafka, Mann and other novelists of the nineteenth and twentieth centuries. A third credit hour may be earned by additional reading.

342. Contemporary British and American Poetry *2 (3) hours*
Significant poets from the end of the nineteenth century to the present. A third credit hour may be earned through additional reading.

351. World Literature: Greek and Roman *2 (3) hours*
Selected great books in translation, including Homer, Thucydides, Socrates-Plato, Virgil and Horace. A third credit hour may be earned by additional reading.

352. World Literature: Medieval *2 (3) hours*
Significant authors in the background of English Renaissance literature, including Dante, Machiavelli, Castiglione, Cervantes, Rabelais, Erasmus, Montaigne and More. A third credit hour may be earned by additional reading.

353. The English Renaissance *2 (3) hours*
Prose and verse of the English Renaissance with emphasis on style and genre, culminating in detailed consideration of Spenser. A third credit hour may be earned by additional reading.

361-362. Studies in Selected Authors *1-6 hours*
Intensive reading of individual authors, special topics to be announced each semester. Varying credit of 1-3 hours may be offered in any one semester. These courses may be repeated to a cumulative credit total of 6 hours.

391-392. Special Problems *1-6 hours*
Designed to take care of special needs of individual students. Prerequisites: Junior standing and permission of the instructor.

401-402. English Seminar *1-6 hours*
Independent research and writing, open chiefly to third- and fourth-year students with at least 18 hours and a B average in English. Projects may well be correlated with a "Distinction" program.

Otterbein College

Methods of Teaching

330. THE TEACHING OF ENGLISH *3 hours*

A study of methods in teaching English language and literature in grades 7-12, including a review of prescriptive grammar and other essentials.

Films Used as Textbooks

FOREIGN LANGUAGES

Mrs. O'Bear, *Chairman;* Mr. Amy, Mr. Buffington, Mrs. Cameron, Mr. Carr, Mrs. Epp, Mr. Howell, Mrs. Loop, Mr. Neff, Miss Rosselot, Mrs. Vance, Mrs. Villalon.

A major in the department may be taken in one language or in a combination of two, and consists of twenty-four hours. If taken in one language, it shall include eighteen hours chosen from courses in the "300" or "400" groups. If taken in a combination of two languages, a major shall include not fewer than twelve hours chosen from the "300" and "400" groups in each language.

In order to be recommended by the department for graduate work in French, the student should take courses 303-304, 305-306, and 307-308.

A minor shall consist of fifteen hours taken in one language and shall include at least nine hours chosen from the "300" and "400" groups.

A student who has completed two years of a language in high school and who wishes to register for a course numbered 101-102 in the same language must do so on a noncredit basis.

Courses numbered 101-102 cannot be applied on either a major or a minor.

In order to be recommended by the department for a teaching position, a student should take courses 301-302, 311-312, 315, and in French, 314.

French, Spanish, and German tables in the college dining halls conducted, upon sufficient demand, by a member of the teaching staff, offer the opportunity for additional oral practice.

Otterbein College

French

101-102. ELEMENTARY FRENCH *8 hours*

An oral approach in which the presentation of the lesson by sound film, using the voices of native French speakers, is followed by thorough pronunciation, vocabulary, and grammar drills through the use of tapes, records, and classwork.

201-202. INTERMEDIATE FRENCH *6 hours*

This course continues to stress composition and oral work without, however, slighting reading. Prerequisite: French 101-102 or the permission of the instructor.

252. ADVANCED FRENCH *2 hours*

Introduction to French literary readings taught in French, with continued audio-lingual emphasis. Designed to supplement 202 and especially recommended for students planning to register for 301-302.

301-302. INTRODUCTION TO FRENCH CIVILIZATION AND LITERATURE *6 hours*

An integrated study of French civilization and literature, supplemented by audio-lingual-visual materials and laboratory work.
252 is highly advisable as a prerequisite.

303-304. MASTERS OF FRENCH LITERATURE *6 hours*

Intensive reading of individual authors. Special authors to be announced each semester. A student may register for either or both semesters. Prerequisite 301-302 or permission of the instructor.

305-306. SURVEY COURSE IN LITERATURE TO 1789 *6 hours*

This course covers the period from the beginning of French literature to 1789. Lectures, readings and reports. Alternates with course 307-308. Prerequisite: 301-302 or permission of the instructor.

307-308. SURVEY COURSE IN LITERATURE FROM 1789 TO THE PRESENT *6 hours*

This course covers the period from the Revolution to the present. Lectures, readings and reports. Alternates with course 305-306. Prerequisite: 301-302 or permission of the instructor.

311-312. ADVANCED GRAMMAR AND COMPOSITION *4 hours*

The purpose of this course is to develop the ability of the student to speak and write the foreign language correctly. It should be taken as a companion course to 301-302 if possible.

314. PRONUNCIATION AND DICTION *2 hours*

A course given over to the careful study of the pronunciation of the language. Primarily a laboratory course.

401-402. SEMINAR IN LITERATURE *1 to 6 hours*

A more intensive study of important authors and periods of French literature and culture intended primarily for students who are expecting to enter graduate school. The student may repeat this course using different subject matter. Permission of the instructor required.

German

A major in German is offered only on sufficient demand.

101-102. ELEMENTARY GERMAN *8 hours*

The aim of this course is to give the student a knowledge of grammatical forms and a training in reading and oral work.

201-202. INTERMEDIATE GERMAN *6 hours*

Reading of increasingly difficult materials. Grammar review. Continued conversational and composition work. Prerequisite to German 301.

205-206. SCIENTIFIC GERMAN *6 hours*

Reading and translation in the sciences with grammar review. During the second semester, students will read in their respective fields and prepare for the graduate school language examination. Prerequisite, German 101-102 or the equivalent and first year chemistry. Limited to students majoring in the Science and Mathematics Division.

252. ADVANCED GERMAN *2 hours*

Introduction to German literary readings designed to supplement German 202. Especially recommended for students planning to register for 301.

301. GERMAN CIVILIZATION *3 hours*

Prose readings designed to acquaint the student with German history and civilization. Reports and discussion in German. Prerequisite to all other "300" or "400" courses except 311, which should be taken at the same time.

302. INTRODUCTION TO GERMAN LITERATURE *3 hours*

Reading of selected examples from German fiction, drama, and poetry. Conducted in German. Prerequisite, German 301.

Otterbein College

303. THE CLASSICAL PERIOD OF GERMAN LITERATURE *3 hours*
A systematic study of Lessing, Schiller and Goethe. Prerequisite, German 301, 302, or permission of the instructor.

304. NINETEENTH CENTURY GERMAN LITERATURE *3 hours*
A survey of German literature from the beginning of the Romantic Period to 1900. Prerequisite, German 301, 302, or permission of the instructor.

305. TWENTIETH CENTURY GERMAN LITERATURE *3 hours*
A survey of German poetry and prose from 1900 to the present. Prerequisite, German 301, 302, or permission of the instructor.

311. ADVANCED GERMAN GRAMMAR AND COMPOSITION *3 hours*
A systematic study of German grammar with composition and other exercises. Offered on sufficient demand.

Greek

101-102. NEW TESTAMENT GREEK FOR BEGINNERS *8 hours*
Fundamentals of grammar through intensive reading and writing are stressed. Offered in alternate years.

201-202. NEW TESTAMENT READING COURSE *6 hours*
Selections from I John, one of the Gospels, the Epistles of Paul, and other New Testament writings. An examination of the critical apparatus of the Greek New Testament. Offered in alternate years.

Russian

101-102. *8 hours*
The aim of this course is to give the student a knowledge of grammatical forms and a training in reading and oral work.

201-202. *6 hours*
Reading of increasingly difficult materials. Grammar review. Some oral and composition work.

Spanish

101-102. ELEMENTARY SPANISH *8 hours*
An oral-aural approach to the study of grammar and conversational Spanish.

201-202. INTERMEDIATE ORAL SPANISH *6 hours*
This course continues to stress oral work without, however, slighting composition or reading. Permission of the instructor is required.

203-204. SECOND YEAR READING SPANISH *6 hours*
A course designed for those students who want only a reading knowledge of the language. Those taking this course cannot go from it to more advanced work in Spanish, and it does not count toward a teaching field for students in Education. Open to those who have completed one year of college or two of high school work in Spanish. Not offered after 1965-66.

252. ADVANCED SPANISH *2 hours*
Introduction to Spanish literary readings taught in Spanish. Designed to supplement 202 and especially recommended for students planning to register for 301-302.

301. HISPANIC CIVILIZATION *3 hours*
Taught in Spanish and designed to acquaint the student with the history of Hispanic civilization.

302. INTRODUCTION TO SPANISH LITERATURE *3 hours*
An introduction to more advanced readings from the important movements in Spanish literature. Prerequisite: Spanish 301.

303. MODERN REPRESENTATIVE AUTHORS *3 hours*
A study of authors representing the important literary movements of the 19th and 20th centuries. Prerequisites: Spanish 301, 302, or permission of the instructor.

304. EARLY REPRESENTATIVE AUTHORS *3 hours*
A study of authors representing the important literary movements up to the 19th century. Prerequisites: Spanish 301, 302, or permission of the instructor.

305. LITERATURE OF THE GOLDEN AGE *3 hours*
Emphasis on Lope de Vega, Calderon, Alarcon, Cervantes, Tirso de Molino. Prerequisites: Spanish 301, 302, or permission of the instructor.

306. THE MODERN SPANISH NOVEL *3 hours*
A study of the development of the modern Spanish novel with particular attention to the works of Galdos. Prerequisites: Spanish 301, 302, or permission of the instructor.

307. LATIN AMERICAN LITERATURE *3 hours*
A study of the important Latin American authors. Offered on sufficient demand. Prerequisites: Spanish 301, 302, or permission of the instructor.

Otterbein College

311-312. ADVANCED GRAMMAR AND COMPOSITION *4 hours*

A systematic study of Spanish grammar with composition and other exercises.

314. PHONETICS *2 hours*

A careful study of the pronunciation of Spanish. Laboratory fee $2.00.

401-402. SEMINAR IN LITERATURE *1-6 hours*

A group project. An intensive study of an author or field of interest, intended primarily for those who are looking forward to graduate school.

All Modern Languages

351-352. FOREIGN STUDY *Hours to be determined by the languages department in conjunction with the Foreign Study Committee.*

Open to students who wish to continue their study of a language in the foreign country and who have completed one year or more of work in the language in college. Plans for study must be presented in advance and must be approved by the department of foreign languages. Students must make regular reports during their residence in the foreign country and must pass an examination upon their return.

315. THE TEACHING OF LANGUAGE *3 hours*

A study of the methods now in use for teaching the modern languages. Credit only as special methods in Education.

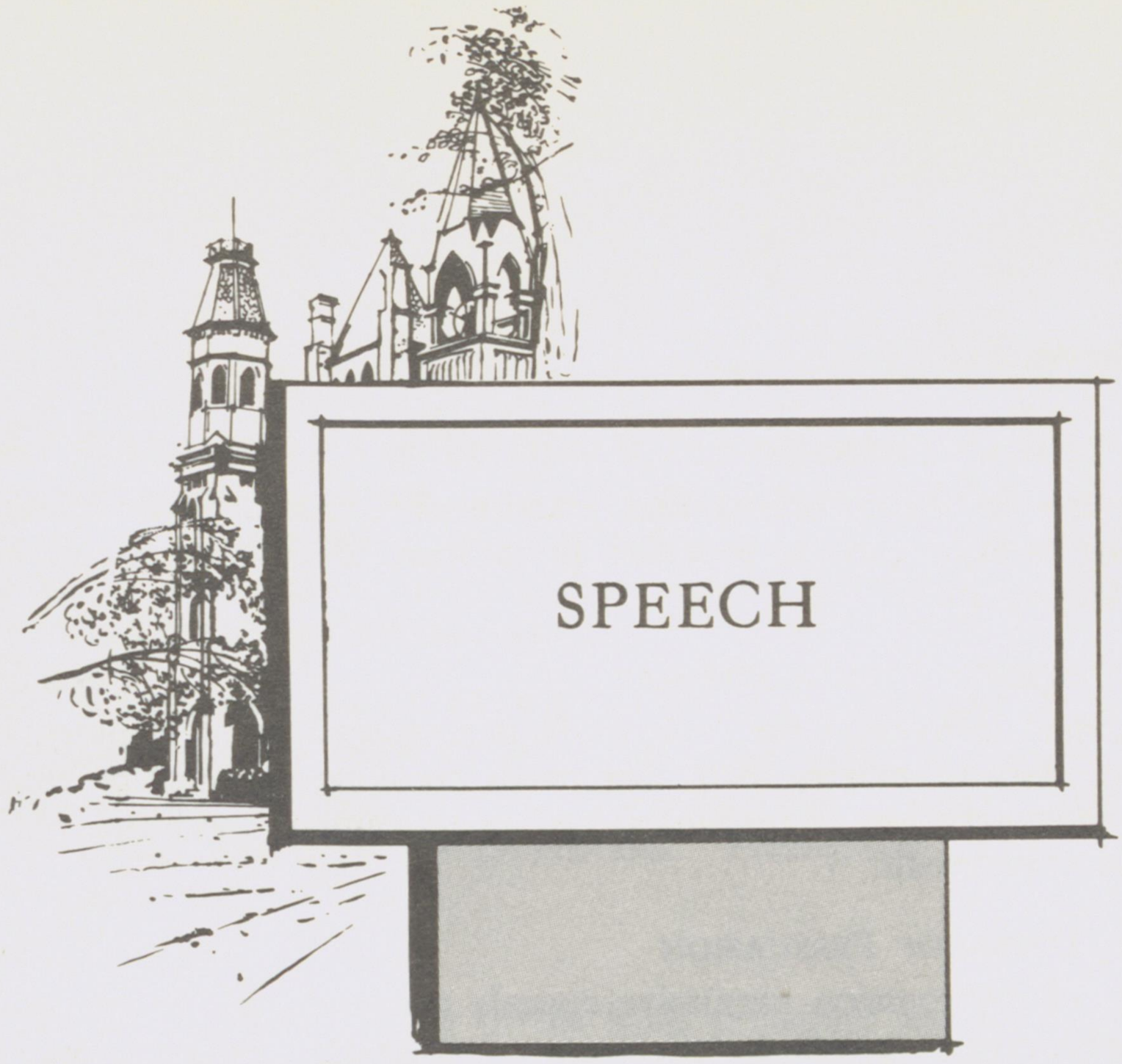
217-218. FOREIGN LANGUAGE WORKSHOP *1-2 hours*

A study of the life and manner of thinking of the foreign peoples, including modern life as well as folk ways. Permission of instructor required.

All Foreign Languages

391-392. SPECIAL PROBLEMS *1-6 hours*

This work is designed to take care of the needs of the individual student.



SPEECH

Mr. Grissinger, *Chairman;* Mr. Dodrill, Mr. Swabb, Mr. Thayer.

A major in Speech consists of twenty-seven hours, excluding Speech 101, and including at least one course in four of the following areas: interpretation, public address, radio-TV, speech science and education, and theatre. Speech 313 is required. Speech majors are required to participate significantly in three of the following activities: debate, individual speech events, theatre, radio. Activities are described elsewhere in this catalog.

A minor in speech consists of fifteen hours, excluding Speech 101, and including 201 and 313. A speech staff member must approve elective courses for the minor.

In order to be recommended by the department for a teaching position in speech, a student should take courses 101, 201, 313, 103 or 303, 211, 213, 301, 302, and 319.

Public Address

101. FUNDAMENTALS OF PUBLIC SPEAKING *3 hours*

A course in informative, persuasive, and entertaining public speaking with intensive practice guided by a study of the fundamentals of good speaking. Time is reserved for commendation and evaluation by the instructor and the class audience.

103. BEGINNING DEBATE SEMINAR *1 hour*

Open to beginning debaters and to those preparing for the annual Freshman-Sophomore Debate. Essentially an activity course. May be repeated for credit.

Otterbein College

108. GROUP DISCUSSION *3 hours*

A course in the principles and practice of committee-type speaking. Extensive experience is provided in informal discussion, participation and leadership.

203. SPEECH EVENTS SEMINAR *1 or 2 hours*

Individual instruction for those students interested in state intercollegiate contests in oratory, extemporaneous speaking, manuscript reading, oral interpretation, or in Russell and Byers campus contests. May be repeated for credit.

224. FORMS OF PERSUASION *3 hours*

Study of the common persuasive appeals met and used in the modern communicative processes. Persuasive materials, organization, and analysis of arguments are included. Emphasis is on developing knowledge and use of argumentative techniques. Prerequisite: Speech 101. Offered in alternate years.

303. VARSITY DEBATE SEMINAR *2 hours*

Open to those with previous debate experience who wish to represent Otterbein in intercollegiate forensics. Practice debates of various types are held among members of the seminar; there is an extensive program of intramural and state contest debating. Essentially an activity course. May be repeated for credit.

313. ADVANCED SPEECH *3 hours*

Practice in advanced public speaking guided by text principles and criticism by the class audience and the instructor. Specific speaking situations are assumed; considerable attention is given to the finer points of speech organization, content and delivery. Prerequisite: Speech 101.

Theatre

210. INTRODUCTION TO THEATRE *3 hours*

A comprehensive course designed to introduce students of varied interests to all elements of theatre; history, the art of stagecraft, acting, directing, managements, and appreciation. Not restricted to speech majors.

211. THEATRE APPRECIATION *3 hours*

A basic course devoted to the appreciation of the World Theatre from the Greeks to the present. Emphasis on new dramatic forms, staging, and personalities of each period. Special consideration to contemporary theatre trends. Not restricted to speech majors.

213. FUNDAMENTALS OF TECHNICAL PLAY PRODUCTION *I* *3 hours*
A lecture-laboratory study of the physical theatre, its devices, and adaptability to various production styles, construction, painting and rigging of scenic units. Each student receives practical experience in Otterbein College Theatre productions.

214. FUNDAMENTALS OF TECHNICAL PLAY PRODUCTION *II* *3 hours*
A lecture-laboratory study of theory of stage lighting, costumes, and other technical problems. Each student receives practical experience in Otterbein College Theatre productions. Prerequisite 213 or consent of instructor.

301. ACTING *3 hours*
A class and laboratory study of the basic principles and techniques of acting. Sensory responsiveness; character observation, motivation, and improvisation; voice, gesture, and movement; vicarious experience and its application to characterization. Short scenes will be performed before the class.

302. DIRECTING *3 hours*
A lecture-laboratory course covering the principles and techniques of the director's art. Fundamentals of staging: blocking, movement, business, tempo, script selection and analysis, casting, and rehearsal planning. Class members will direct short scenes. Prerequisite: 301 or permission of the instructor.

314. MAKE-UP *1 hour*
A lecture-laboratory course stressing the fundamentals of theatrical make-up. Prerequisite: permission of the instructor.

The following courses are useful to the speech major or minor in the theatre areas.

SHAKESPEARE AND HIS CONTEMPORARIES *6 hours*
See course 311-312 in the Department of English.

WORLD DRAMA *6 hours*
See course 339-340 in the Department of English.

BASIC DESIGN *2 hours*
See course 121 in the Department of Visual Arts.

Interpretation

201. ORAL INTERPRETATION *3 hours*
Development of adequate responsiveness to the meaning of all forms of literature, and of the power to read orally to communicate this meaning to others. Each student is given ample opportunity for oral

practice before the class. Prerequisite: Speech 101 or permission of the instructor.

Radio and Television

107. TECHNIQUES OF RADIO PRODUCTION *1 hour*

A study and practice in developing a radio program, including writing, microphone techniques, and production planning. Required of all WOBN program personnel.

207. THE NATURE OF RADIO-TV *3 hours*

A descriptive course dealing with the present position of the industry as a social and economic force, and the history, development, and trends of radio and television as communications media.

208. RADIO-TV SPEAKING *3 hours*

A course designed to increase the speech skills of the student who may occasionally appear on radio or TV. Extensive practice designed to simulate radio or TV experiences is provided. Speeches, demonstrations, interviews, and panels presented in the classroom and on the campus radio station, WOBN.

Speech Science and Education

110. VOICE AND DICTION *2 hours*

A study of the principles and practice of personal voice improvement. Voice elements of pitch, rate, volume, quality, phonation, articulation and pronunciation are given extensive consideration. Essentially a lab course, it is intended to improve speaking voices particularly of potential teachers, ministers and other professional persons.

304. SURVEY OF SPEECH CORRECTION *3 hours*

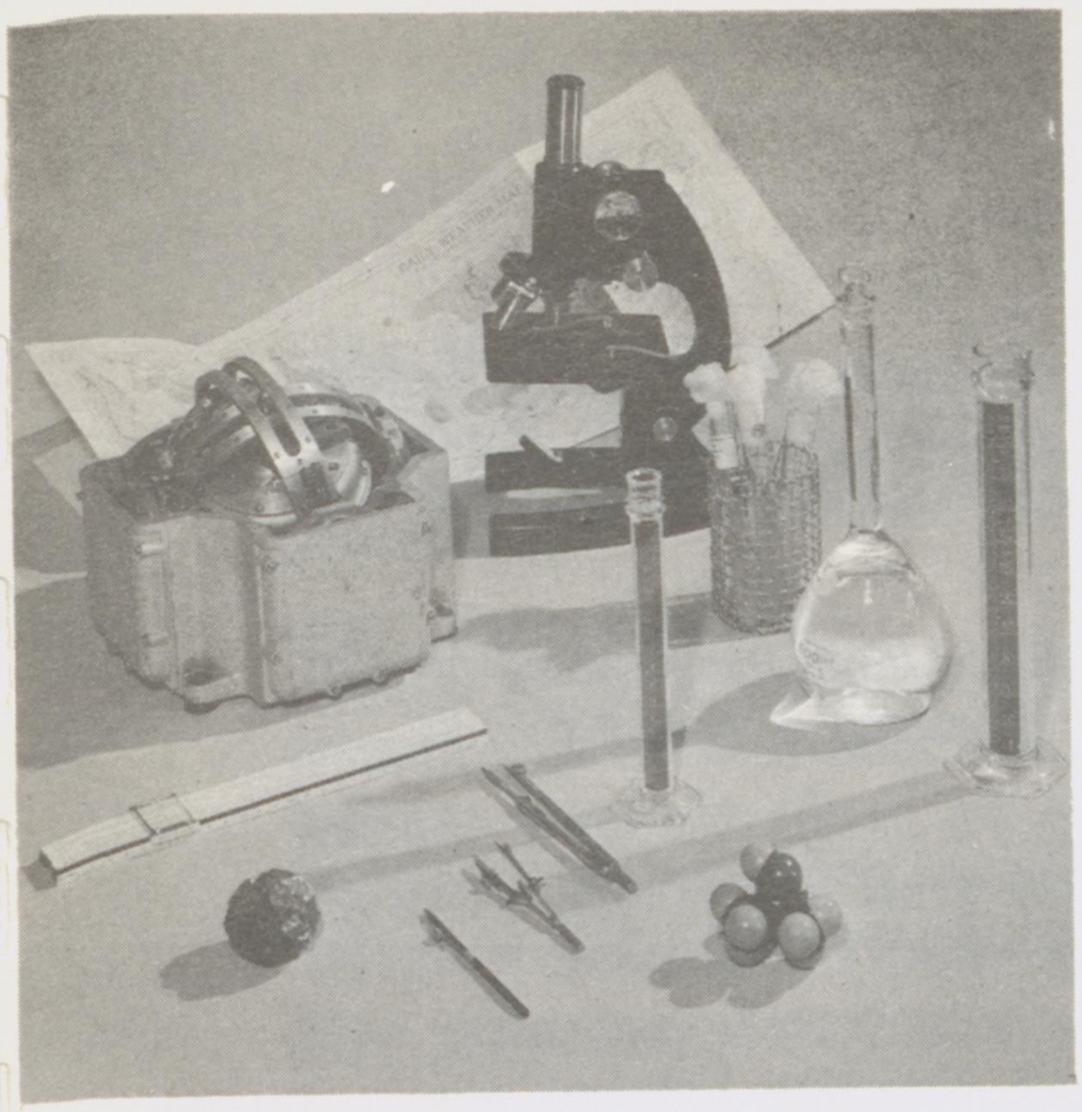
A survey of the causes and correction of speech defects, coupled with a study of the structure and functions of various parts of the vocal mechanism. Offered in alternate years.

319. THE TEACHING OF SPEECH *2 hours*

A course in methods for those preparing to teach speech in the secondary schools.

391. SPECIAL PROJECTS IN SPEECH *1-3 hours*

Research projects in theatre, public address, radio-TV, speech science, speech education—for qualified students. Prerequisites: Junior standing and permission of the instructor. May be repeated for credit.



The Division of Science and Mathematics

MR. BOTTS, *Acting Chairman*

Departments: Biology and Geology, Chemistry, Mathematics, Physics and Astronomy.

BIOLOGY AND GEOLOGY

Mrs. Willis, *Chairman;* Mr. Botts, Mr. Herschler, Mr. Leonard, Mr. Phinney, Mr. Tegenkamp.

Biology

The combination of biology and related courses which may be acquired by the student to represent a major in the biological sciences depends in part upon the profession for which the student is preparing. In unusual cases or under extenuating circumstances, all members of the biology department will be asked to act on a student petition for change of prescribed curriculum.

Biology 111-112 is prerequisite to all advanced biology courses. A major in biology consists of a minimum of 33 hours and includes: Biology 111-112, one advanced course in Botany (Biology 206, 306 or 207), and 403-404. Not more than 4 hours of Biology 401-402, or of the hours earned in the Distinction Program may be included in the required hours for the major. Biology 349 does not count on the major.

Students majoring in biology are required to have general chemistry completed by the end of the sophomore year.

A minor in biology consists of a minimum of 19 hours. Biology 111-112 is prerequisite to all advanced biology courses. Minors in biology must have at least one advanced course in Botany and one advanced course in Zoology.

Biology 202, 232, 349, and 403-404 cannot be counted in the minor. In addition one year of college chemistry is required.

111. GENERAL BIOLOGY (ZOOLOGY) *4 hours*
A study of the animal kingdom including gross morphology, histology, phylogeny, history, physiology and biochemistry; laboratory work included. Six class hours per week.

112. GENERAL BIOLOGY (BOTANY) *4 hours*
A study of the plant kingdom including the anatomy, morphology, physiology, genetics, evolution, economic and cultural values and history; laboratory work included. Six class hours per week.

115. ORNITHOLOGY *3 hours*
A study of birds and bird life with thirty or more lectures, recitations, and frequent reports on assigned topics. Field study will be included. Three class hours per week.

201. COMPARATIVE VERTEBRATE ANATOMY *5 hours*
A detailed comparative study of structures and organ systems of the Chordates with emphasis on phylogenetic considerations; laboratory work included. Eight class hours per week.

202. MICROSCOPIC TECHNIQUE *1 hour*
The techniques of preparation of animal and plant material for microscopical examination. Three class hours per week.

203. INVERTEBRATE ZOOLOGY *4 hours*
An intensive study of the morphology and development of the Invertebrata with emphasis on phylogenetic considerations; laboratory work included. Six class hours per week.

206. COMPARATIVE MORPHOLOGY OF VASCULAR PLANTS *4 hours*
A comparative study of the structure, morphogenesis, life cycles and fossil record of representative members of the vascular plants. Special attention given to evolutionary principles; laboratory work included. Six class hours per week.

207. PLANT TAXONOMY *4 hours*
A study of various systems of classification, characteristics and phylogenetic relationships of principal orders and families of Angiosperms; laboratory work included. Field trips required, some extending beyond regular laboratory period, or on Saturday. Six class hours per week.

209. HISTOLOGY *3 hours*

A study of animal protoplasm and cellular organization. The microscopic anatomy of tissues; laboratory work included. Five class hours per week.

218. FIELD BIOLOGY *3 hours*

A study of the fundamental principles of ecology, field and laboratory identification of local flora and fauna, and techniques utilized in field biology. Emphasis placed on field and laboratory work. Field trips included, some extending beyond the normal laboratory periods, or on Saturday. Five class hours per week.

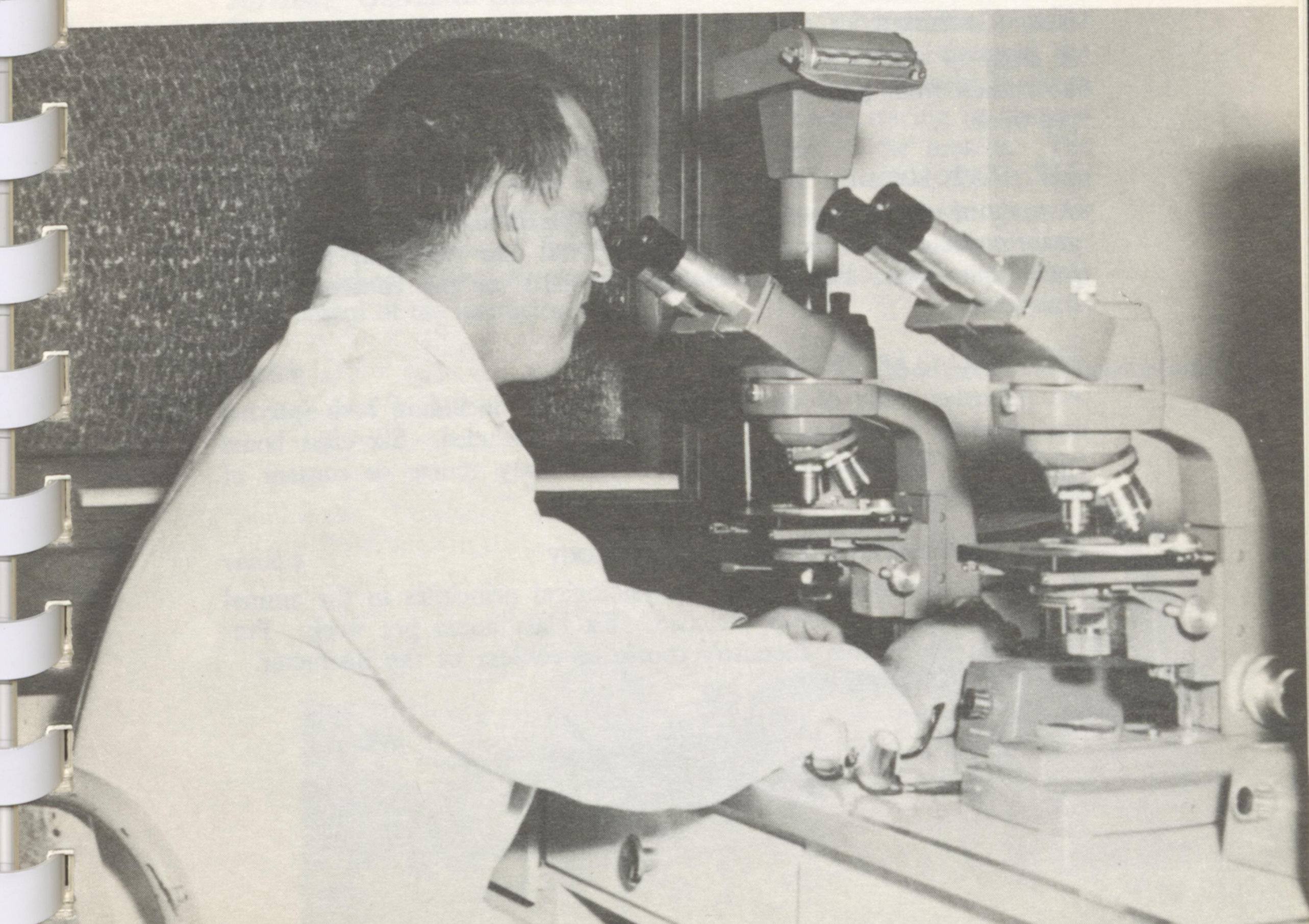
221. ANATOMY AND PHYSIOLOGY *5 hours*

A course designed primarily for students having a minimum of previous work in the sciences. A study of the normal structure and functions of the human body; laboratory work included. Seven class hours per week.

232. TERMINOLOGY *1 hour*

A study of the basic combining forms, prefixes, suffixes and rules which govern the makeup of selected scientific terms. A survey of the rules of nomenclature for Botany and Zoology. One class per week.

Modern Equipment Available



301. GENERAL EMBRYOLOGY *4 hours*
A detailed study of development processes and organogeny with special emphasis on the vertebrates; laboratory work included. Six class hours per week.

305. BACTERIOLOGY *4 hours*
Bacterial cytology, morphology, and physiology of economic and pathogenic forms. Methods of cultivation, isolation and staining; laboratory work included. Six class hours per week.

306. COMPARATIVE MORPHOLOGY OF THE NON-VASCULAR PLANTS *4 hours*
A comparative study of the structure, morphogenesis, and life cycles of the non-vascular plants. Symbiotic and evolutionary principles are stressed; laboratory work included. Six class hours per week.

309. PLANT PHYSIOLOGY *3 hours*
An introductory study of the physiology of plants; laboratory work included. Five class hours per week.

312. RADIATION BIOLOGY *3 hours*
An introduction to the techniques of radiation biology; the physical properties of radiation and the biological effects of radiation on living cells; laboratory work included. Five class hours per week.

316. GENETICS *3 hours*
A study of the basic principles of genetics. Illustrative examples to be chosen from both planet and animal kingdoms. Three class hours per week.

317. CYTOLOGY *2 hours*
A study of the cytological aspects of both plants and animals are related genetic phenomena. One lecture period and one two hour laboratory period per week. Prerequisites: Biology 316 ,or the consent of the instructor.

323. CELLULAR PHYSIOLOGY *4 hours*
An intensive study of the physiology of cells, including both internal and external environment; laboratory work included. Six class hours per week. Prerequisites: an organic chemistry course or consent of the instructor.

324. COMPARATIVE ANIMAL PHYSIOLOGY *4 hours*
A comparative study of general physiological principles in the animal kingdom; laboratory work included. Six class hours per week. Prerequisites: an organic chemistry course or consent of the instructor.

349. SPECIAL METHODS *2 hours*

Methods of teaching biological sciences in the secondary schools are studied by means of lectures, laboratory work and library references. Three class hours per week. Prerequisite: Junior or Senior standing and consent of the instructor.

401-402. MINOR PROBLEMS AND RESEARCH

Credits to be arranged

Properly qualified students may undertake special problems in any field within the department, provided arrangements are made in advance with one of the instructors. Usually Junior or Senior status is required.

403-404. SEMINAR *2 hours*

Selected subjects. Required of all students majoring in biology. One class hour per week. Prerequisite: Senior status or student must be in terminal year at Otterbein.

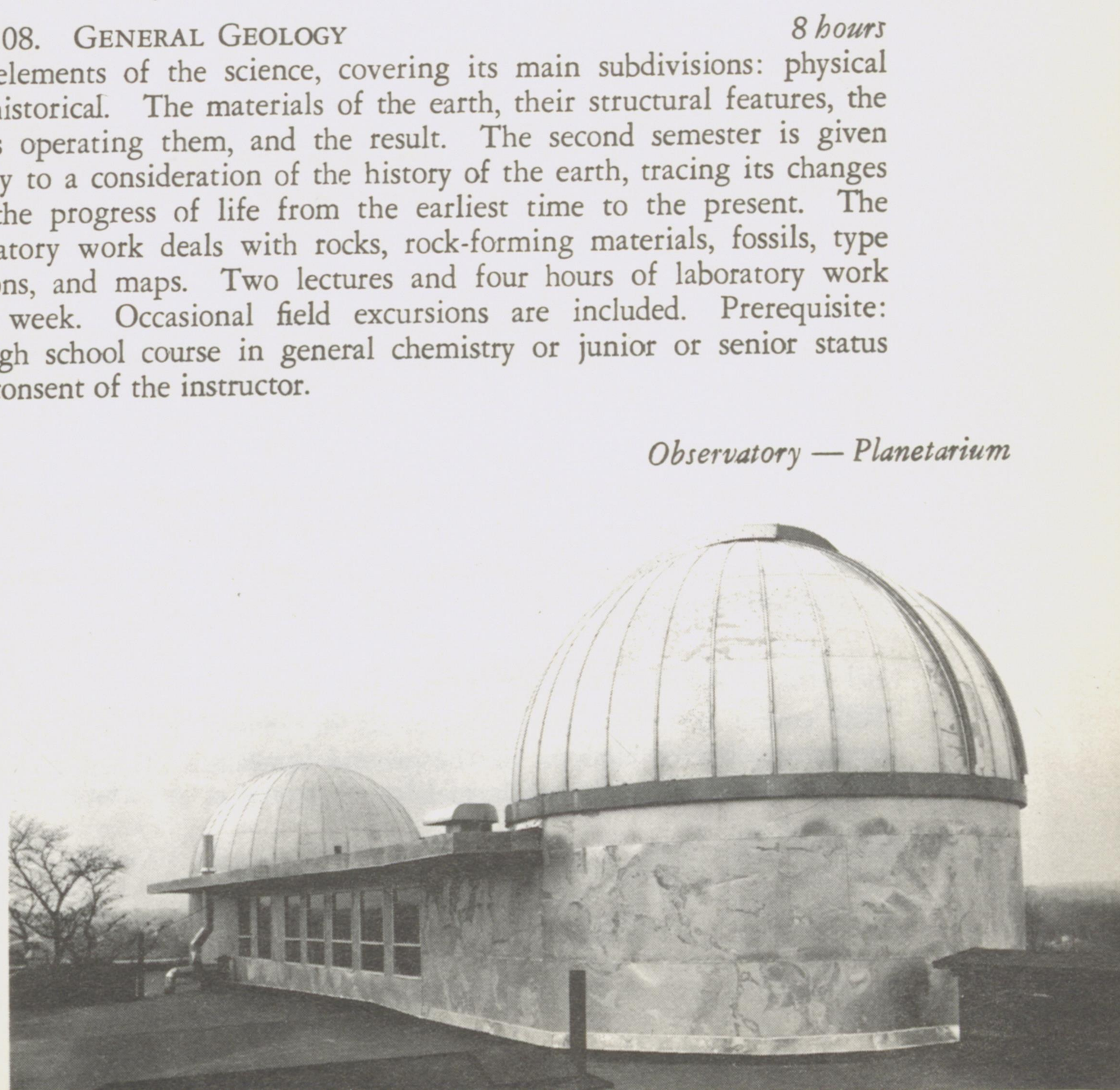
Geology and Geography

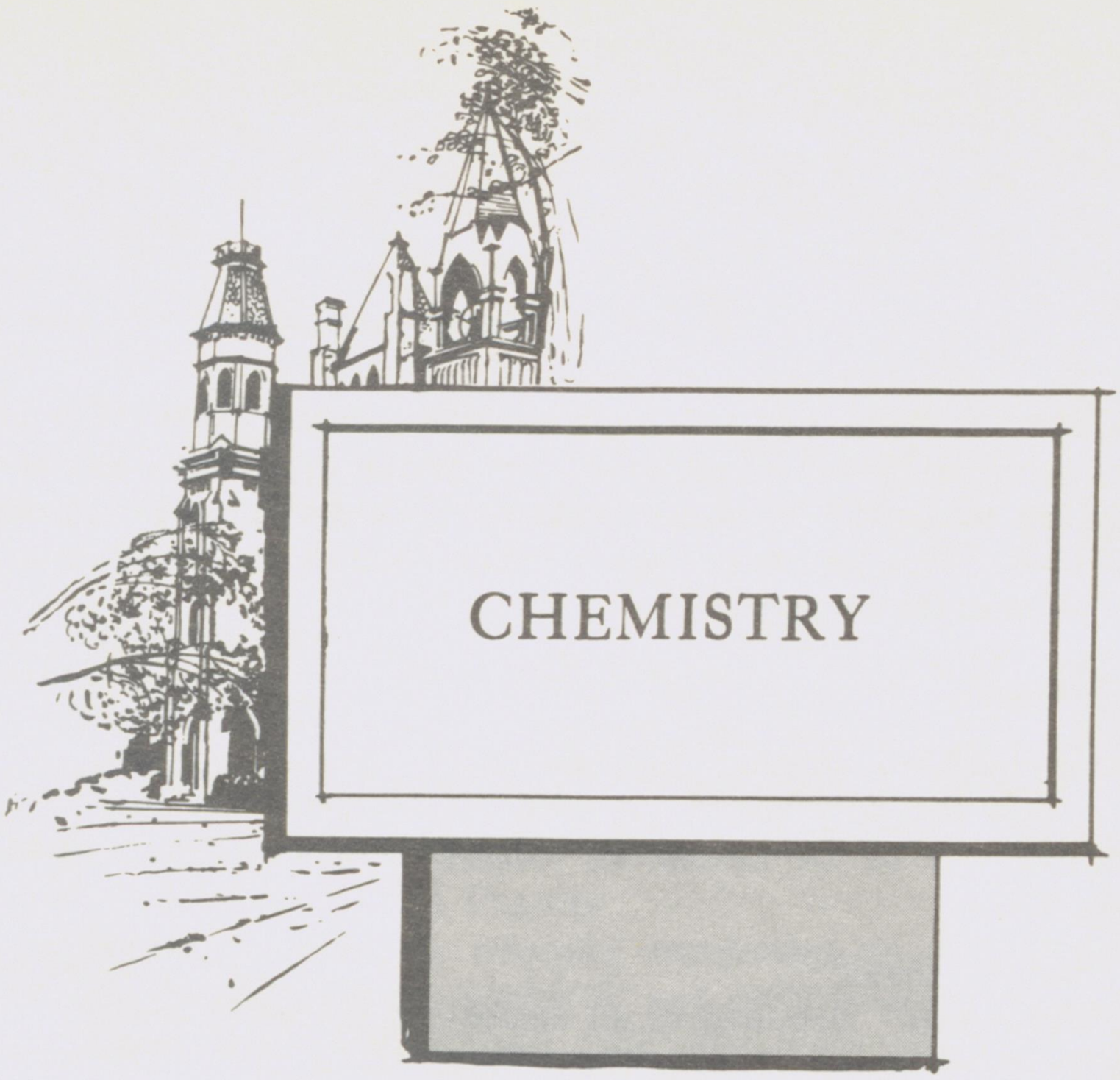
101. PRINCIPLES OF PHYSICAL GEOGRAPHY *3 hours*

The earth and its planetary relations, maps and their interpretation; elements of the natural environment, particularly in relation to life; cultural elements of the landscape and geographic realms. Two lectures and one laboratory or field excursion weekly.

207-208. GENERAL GEOLOGY *8 hours*

The elements of the science, covering its main subdivisions: physical and historical. The materials of the earth, their structural features, the forces operating them, and the result. The second semester is given chiefly to a consideration of the history of the earth, tracing its changes and the progress of life from the earliest time to the present. The laboratory work deals with rocks, rock-forming materials, fossils, type sections, and maps. Two lectures and four hours of laboratory work each week. Occasional field excursions are included. Prerequisite: A high school course in general chemistry or junior or senior status and consent of the instructor.





Mr. Turley, *Chairman* (on Sabbatical leave, 1965-66); Mrs. Bohn, Mr. Crane, Mr. Morton, Mr. Ogle.

A major shall consist of at least 28 hours including Chemistry 101-102, 201, 209-210, 309, 403-404. A reading knowledge of scientific German is recommended. Students planning for graduate study or industrial employment in chemistry should follow the curriculum suggested by the American Chemical Society. This would include the above courses and Inorganic Chemistry 313, Physical Chemistry 310, Analytical Chemistry 314, and two of the following three: Organic Qualitative Analysis 303, Radiation Chemistry 312, and Special Problems 401-402.

A student majoring in chemistry who is preparing for further study in Nursing, Dental Technology, Medical Technology or Physical Therapy, may substitute Chemistry 205-206 for 209-210.

A minor shall consist of 18 hours chosen in consultation with members of the staff.

101-102. General Chemistry *8 hours*

This course includes the fundamentals of general chemistry and includes qualitative analysis in the second semester. Three recitations and one laboratory period each week.

201. QUANTITATIVE ANALYSIS *4 hours*

An effort is made to give the student a foundation in the principles of chemical analysis, to provide practice in analytical procedures and calculations, and to develop a long range view of the nature and application of analytical methods. Nine to twelve hours in laboratory and two lectures a week.

205. ORGANIC CHEMISTRY *4 hours*

A short course in the fundamentals of organic chemistry. Three lectures and one laboratory period. Prerequisite: Chemistry 101-102.

206. BIOCHEMISTRY *4 hours*

A brief course in fundamentals. Three lectures and one laboratory period.

209-210. ORGANIC CHEMISTRY *10 hours*

A course in the structure, preparation, and chemical behavior of the chief classes of organic compounds. Three lectures and two laboratory periods a week. Prerequisite: Chemistry 101-102.

303. ORGANIC QUALITATIVE ANALYSIS *3 hours*

The separation and identification of organic compounds. Prerequisite: Chemistry 209-210.

305. METHODS IN TEACHING CHEMISTRY *2 hours*

This course is designed to supplement the work of the Department of Education by presenting problems peculiar to the teaching of chemistry. Not accepted on a major.

306. COLLOIDS *2 hours*

A lecture course dealing with the fundamental concepts and problems involved in the chemistry of the colloidal state. Prerequisites: Chemistry 201 and 209-210. Offered in alternate years.

309-310. PHYSICAL CHEMISTRY *8 hours*

An introductory course in Physical Chemistry. Prerequisites: Chemistry 209-210, General Physics and Calculus, or permission of the instructor.

312. RADIATION CHEMISTRY *3 hours*

An introduction to principles and practices of radiochemical processes. Due consideration is given to safe handling of radioactive materials

and protection of personnel from radiation health hazards. Two lectures, one laboratory period per week.

313. INORGANIC CHEMISTRY *3 hours*

An advanced course with emphasis on typical classes of inorganic compounds. Prerequisite: Chemistry 209-210, 309.

314. ANALYTICAL CHEMISTRY *4 hours*

Principles and practices of analytical chemistry, including spectrophotometric, electrolytic deposition and chromatographic techniques. Two lectures and two laboratory periods per week. Prerequisites: Chemistry 201, 309-310.

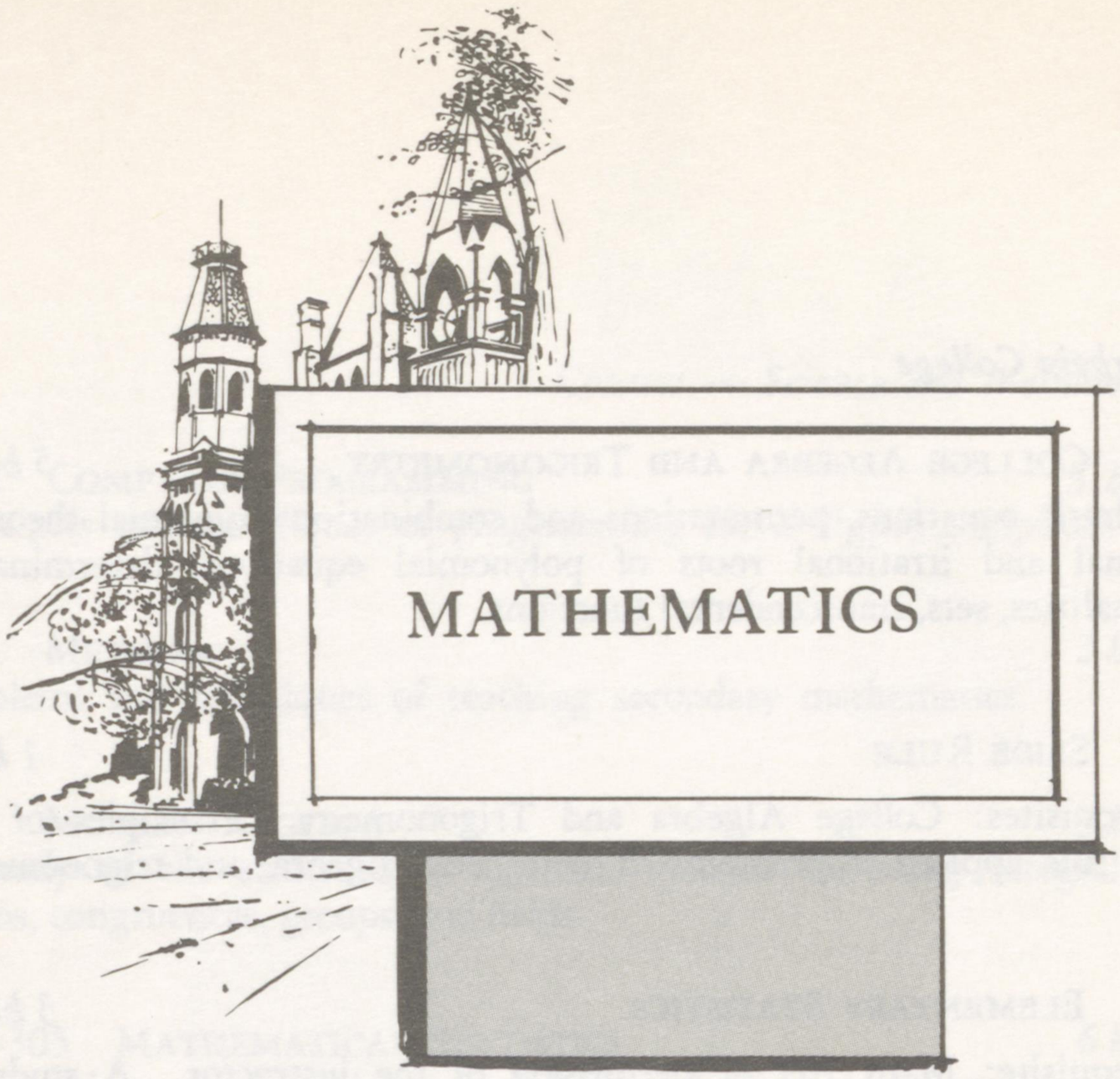
401-402. SPECIAL PROBLEMS *2 or more hours*

A course designed to familiarize the advanced student with the tools and techniques of chemical research. Conference, library, and laboratory work.

403-404. CHEMISTRY SEMINAR *2 hours*

Required of all seniors majoring in chemistry.

Experimenting



MATHEMATICS

Mr. Bamforth, *Chairman;* Mr. Deever, Mr. Tremaine, Mr. Wiley.

A major in mathematics consists of at least 27 hours which must include at least 12 hours in the courses numbered 302 or above. Mathematics 107, 131, 140, and 301 do not count toward the major. Courses recommended for certification to teach high school mathematics are 110, 121, 140, 210, 211, 212, 301, 202, 304, 401 and at least two other courses chosen from other "300" courses.

A minor consists of at least 15 hours which must include Math 211 and 212.

Provision is made for various levels of ability and preparation in mathematics. An entering student who wishes to major in mathematics may take one of the courses Math 109, 121, or 210 depending upon the results of the entrance examination. Students that participate in advanced programs may receive advanced standing.

All 300 level courses have a prerequisite of Math 212.

107. MATHEMATICS FOR ELEMENTARY TEACHERS *3 hours*

Selected topics from arithmetic, algebra, and geometry for the needs of the elementary teacher. Credit for this course will be allowed to elementary education majors only.

109-110. ALGEBRA AND TRIGONOMETRY *6 hours*

Functions, graphs, sets, inequalities, equations, binomial theorem, probability, and trigonometric functions.

Otterbein College

121. COLLEGE ALGEBRA AND TRIGONOMETRY *5 hours*

Quadratic equations, permutations and combinations, binomial theorem, rational and irrational roots of polynomial equations, determinants, inequalities, sets, transcendental functions.

125. SLIDE RULE *1 hour*

Prerequisites: College Algebra and Trigonometry. Principles of the slide rule applied to problems in arithmetic, algebra, and trigonometry.

131. ELEMENTARY STATISTICS *3 hours*

Prerequisite: Math 109 or permission of the instructor. A study of the principles of probability and statistics including descriptive statistics and statistical inference.

140. BUSINESS MATHEMATICS *3 hours*

A study of interest, annuities, amortization, bonds, depreciation, loans and insurance.

202. ADVANCED GEOMETRY *3 hours*

Points, lines, and circles connected with a triangle, harmonic ratios, orthogonal circles, and inversions. Some topics from non-Euclidean geometry.

210. ANALYTICS AND CALCULUS I *5 hours*

Prerequisite: Math 121 or permission of the instructor. Points, lines, curves, limits, differentiation, antidifferentiation, applications, trigonometric functions, and parametric equations.

211. ANALYTICS AND CALCULUS II *5 hours*

Definite integral, logarithmic and exponential functions, techniques of integration, applications, polar coordinates, and vector algebra.

212. ANALYTICS AND CALCULUS III *5 hours*

L'Hospital's rule, infinite series, solid analytics, partial differentiation, multiple integrals, and applications.

236. COMPUTER PROGRAMMING *3 hours*
Principles and techniques of programming for a digital computer.

301. METHODS *2 hours*
Problems and techniques of teaching secondary mathematics.

302. MODERN ALGEBRA *3 hours*
A study of the structure of algebraic systems including integral domains, congruences, groups, and fields.

304-305 MATHEMATICAL STATISTICS *6 hours*
Permutations, combinations, probability, discrete and continuous distribution functions, confidence limits and hypothesis testing.

313-314. ADVANCED CALCULUS *6 hours*
Limits, ordinary and partial derivatives, definite integrals, line integrals, sequences, series, complex numbers, analytic functions, and conformal mapping.

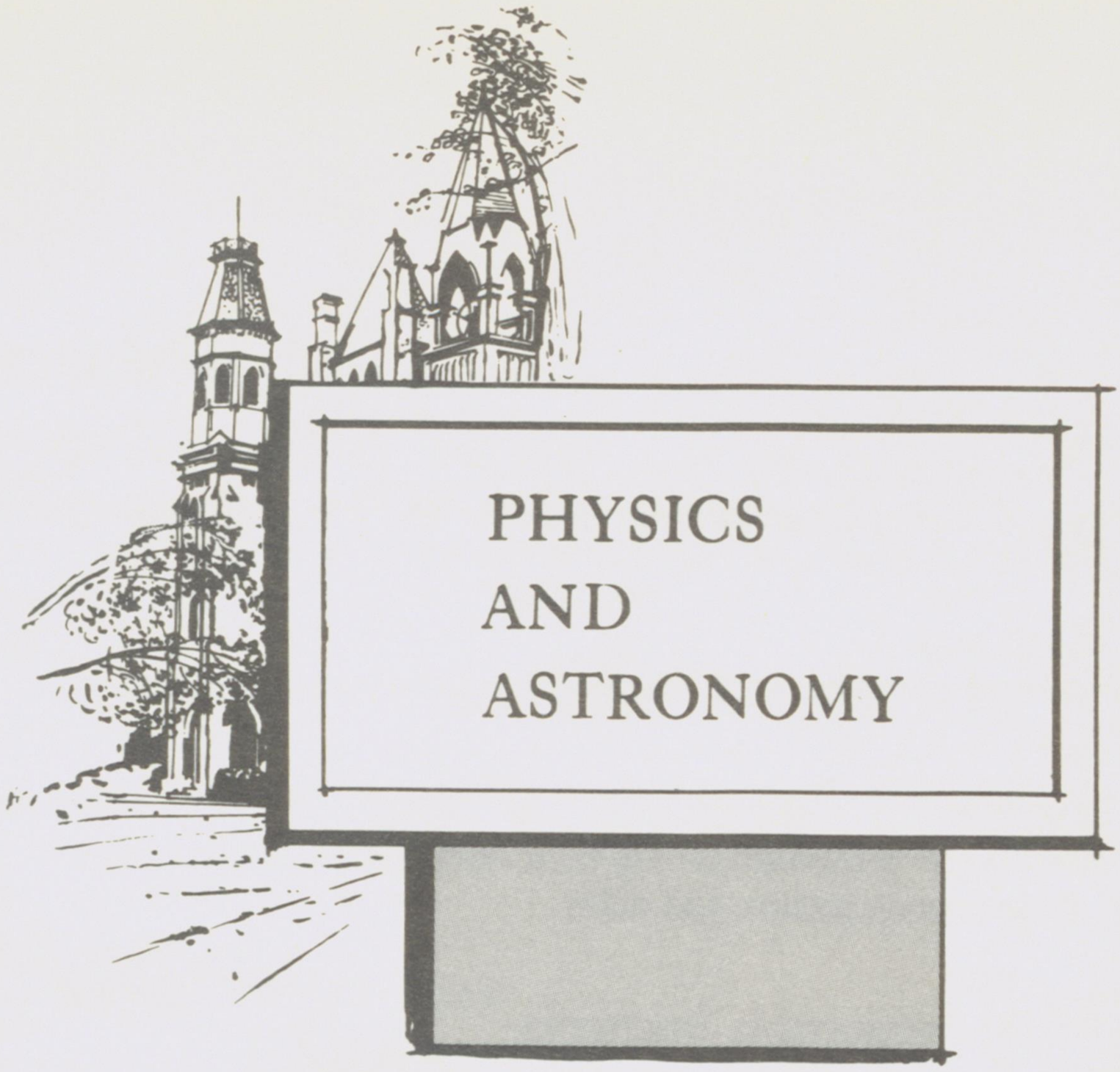
315. DIFFERENTIAL EQUATIONS *3 hours*
Equations of first order and first degree, linear equations, systems of equations, series solution, applications, and Fourier series.

322. DETERMINANTS AND MATRICES *3 hours*
Properties of determinants, matrix algebra, systems of linear equations, vector spaces, and characteristic polynomials.

400. ADVANCED STUDIES IN MATHEMATICS *1-3 hours*
Topics not covered in the regular departmental offering.

401. ELEMENTARY THEORY OF FUNCTIONS OF A REAL VARIABLE *3 hours*
Theory of limits of sequences and functions by epsilon, delta processes, continuity, Riemann integration, mean value theorems.

402. INTRODUCTION TO TOPOLOGY *3 hours*
Prerequisite: Math 401. Algebra of sets, structure and properties of metric and topological spaces.



Mr. Barnhart, *Acting Chairman;* Mr. Bulthaup; Mr. Molyneux.

Physics

A major shall consist of 30 semester hours including Physics 315-316.

A minor shall consist of 20 hours which must include Physics 315-316.

Physics 205-206 is prerequisite for all 300 level courses.

105-106. GENERAL PHYSICS *8 hours*

Designed to provide students with an introduction to the field of physics. Topics are chosen from mechanics, heat, wave motion, and electricity, but integrated and related to modern physics. Three lecture-demonstrations, one two-hour laboratory and one discussion section each week. A working knowledge of trigonometry required.

205-206. PRINCIPLES OF PHYSICS *8 hours*

A rigorous treatment of the important concepts of classical and modern physics. Three lectures and one 3-hour laboratory per week. Prerequisites: Physics 105-106 or consent of instructor, Math 210-211. (The Mathematics courses may be taken concurrently with Physics 205-206.)

212. BASIC ELECTRONICS *4 hours*

A course in fundamentals of electronics and electronic instrumentation for students in the sciences. Characteristics and circuit theory of vacuum tube and semi-conductor instruments are treated in terms of application to scientific measurement and recording. Two lectures and two laboratory meetings each week. Prerequisites: Physics 105-106.

301-302. ADVANCED ELECTRICITY AND MAGNETISM *6 hours*

Application of Maxwell's equations to quasi-stationary fields and currents, physical optics, wave guides, cavity resonators, antennas, radiation from accelerating charges, theories of radiation reaction and plasmas.

303-304. INTERMEDIATE MECHANICS *6 hours*

Designed for physics majors or pre-engineering students. Emphasis on those elements of mechanics required in advanced physics including statics and dynamics. Three lectures per week.

307. HEAT AND THERMODYNAMICS *3 hours*

Designed to acquaint the student with the fundamental concepts of energy and heat as they apply in engineering and chemical processes including the ideal gas laws, characteristics of real gases and vapors, fluid flow and thermodynamic cycles.

310. OPTICS *4 hours*

An advanced treatment of the important physical concepts of optics including ray optics, aberration, interference, diffraction and coherence. Two lectures and two 3-hour laboratories per week.

313. METHODS *2 hours*

Methods of teaching physics in secondary schools.

315-316. MODERN PHYSICS *6 hours*

An introduction to modern concepts of physics. Einstein Relativity, Quantum Mechanics, Atomic Physics and Nuclear Physics.

401-402. ADVANCED LABORATORY PHYSICS *1 to 4 hours*

Special problems in Physics for students interested in extending their laboratory experience, performing distinction programs. Prerequisites: Physics 105-106 and consent of instructor.

Otterbein College

Physical Science

101. PHYSICAL SCIENCE *4 hours*
A course to study the basic principles of Astronomy, Physics, and Chemistry. Includes three lectures and one two-hour laboratory per week. Required of Elementary Education students.

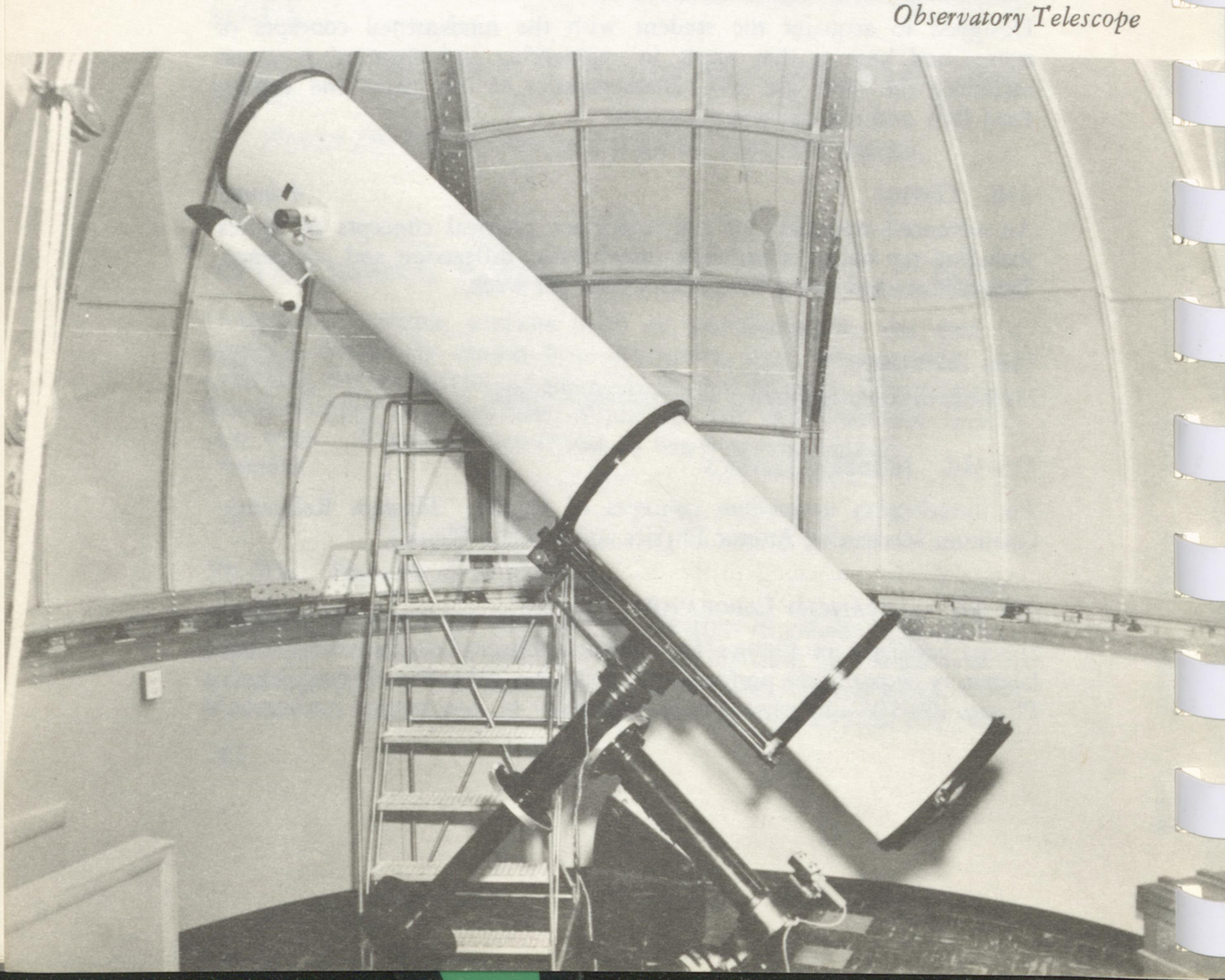
Astronomy

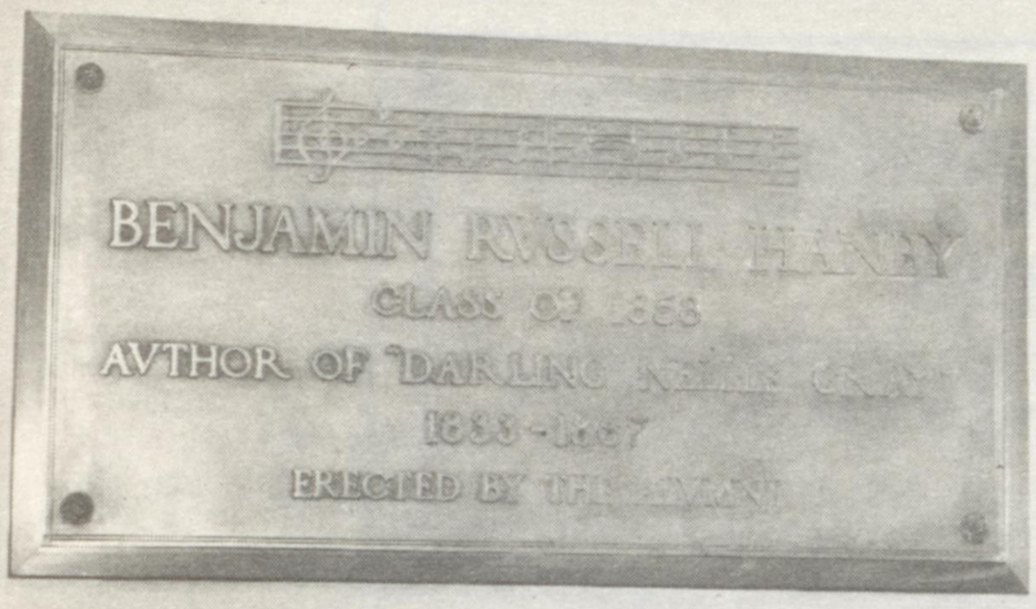
101. DESCRIPTIVE ASTRONOMY — THE SOLAR SYSTEM *3 hours*
An introduction to the discoveries of modern astronomy concerning the solar system and the historical foundations of these discoveries. (Not offered 1965-66.)

102. DESCRIPTIVE ASTRONOMY — STELLAR ASTRONOMY *3 hours*
An introduction to the study of the physical nature of the universe and of the part played by astronomy in assessing man's position in the universe.

203. OBSERVATIONAL ASTRONOMY *1 to 2 hours*
Two to four hours a week devoted to the application of modern observing techniques in astronomy.

Observatory Telescope





The Division of Social Studies

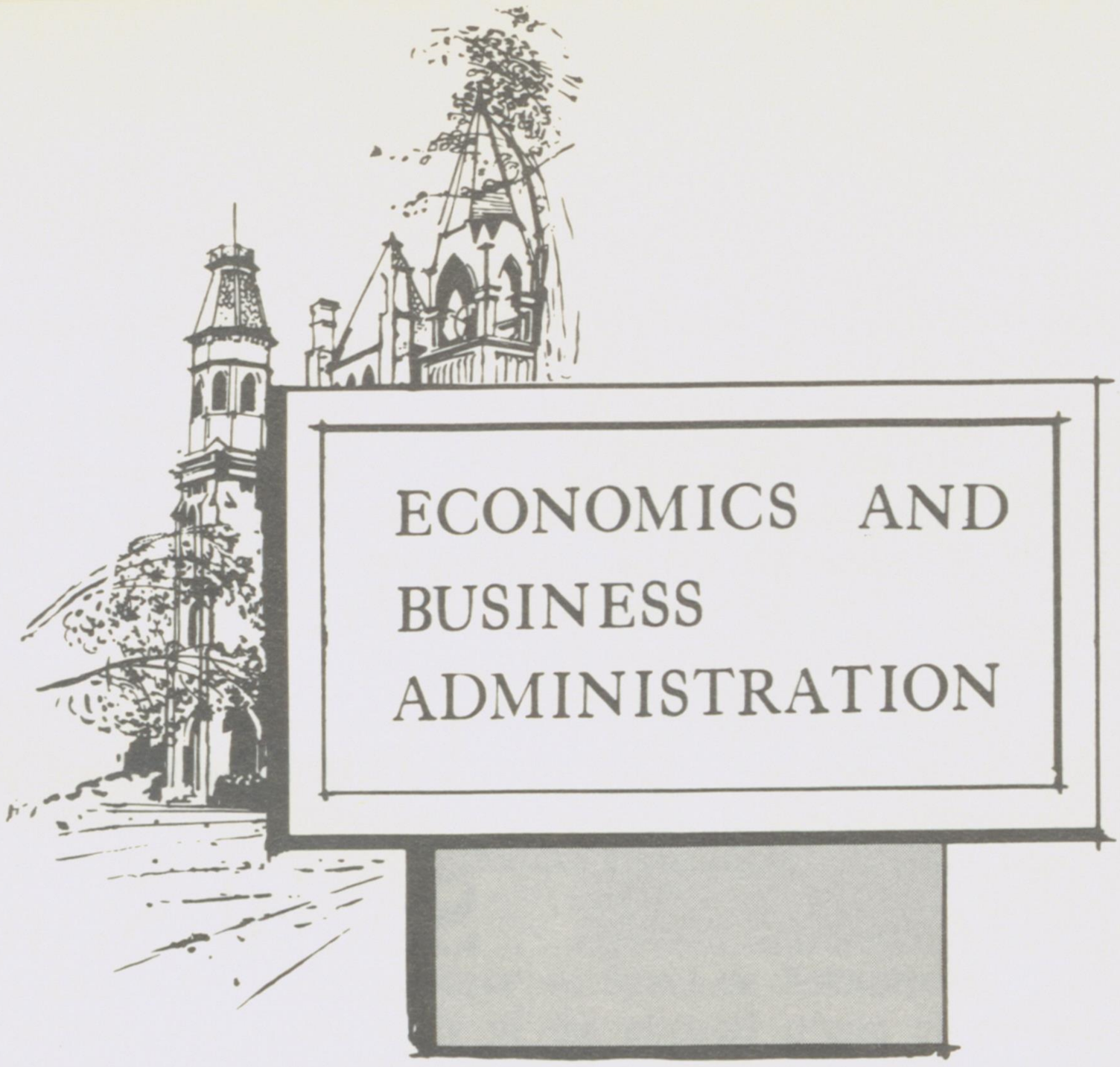
MR. HANCOCK, *Chairman*

Departments: Economics and Business Administration, History and Government, Religion and Philosophy, Sociology and Psychology.

A major in the general field of social studies shall consist of a minimum of 33 hours, which must include Economics 201-202, Sociology 201-202, History 309-310 or History 201-202, Government 201-202 as required courses.

Beyond the foregoing courses, nine hours of electives must be selected from 300 or 400 numbered courses from *one* of the following subjects: History, Economics, Government, Sociology, Philosophy, Psychology, or Religion. In addition to the above, the distribution requirements of six hours in social studies and six hours in Bible must also be fulfilled.

Requirements of the State Department of Education of Ohio for a comprehensive teaching major in Social Studies are 45 hours. They include History 101-102 or History 309-310, History 201-202, Economics 201-202, Sociology 201-202, Government 201-202, Geography 101, and twelve additional hours of Government, History, Economics, or Sociology.



Mr. Hart, *Chairman;* Mr. Ezzell, Mr. Koo, Mr. Levine, Mr. Miles.

A student choosing Economics as a major will be required to complete the following courses in Economics which total 28 hours: 201-202, 301-302, 403, 406, 407; Mathematics 131; and six additional hours elected in Economics. In addition, the student must take Economics 101-102, which is required but not counted on the major.

A student majoring in Business Administration will complete the program in Business Administration totaling 30 hours, 15 hours of which must be in Business Administration and Economics 201-202, 405, 406, and Mathematics 131. In addition, the student must take Economics 101-102, which is required but not counted on the major.

A minor in Economics is 15 hours which must include Economics 201-202 and 301; and 6 hours elected from 300 or 400 numbered courses in the Program in Economics.

Program in Economics

101-102. American Economic Development *6 hours*

A course designed to acquaint students with the economic and institutional development of modern society. Topics studied include manorialism, the rise of western capitalism, and the commercial and industrial development of the U. S. economy.

Open primarily to freshmen, others by permission of the instructor. Required for a Business Administration or Economics major. May be offered by students as part of the social studies requirement.

201-202. PRINCIPLES OF ECONOMICS *6 hours*

A general introduction to the principles of economics. Prerequisite to most other courses in the Department. Departmental majors should take Economics 101-102 before this course. Non-majors should have some background in history or government. The course should be taken in the sophomore year.

301. MONEY AND BANKING *3 hours*

A study of the organization and operation of the U. S. money and banking system. Study of contemporary monetary theories comprises part of this course. Prerequisite: Economics 201-202.

302. MICROECONOMIC THEORY *3 hours*

An analysis of consumers and individual firms under different market situations with major emphasis on price formation, production, resource allocation and the distribution theory. Prerequisite: Economics 201-202.

303-304. INTERNATIONAL ECONOMICS *6 hours*

A study of international economic relations and policy. Prerequisite: Economics 201-202.

305. SOCIAL STATISTICS *3 hours*

Statistical methods applicable to Social Sciences. Frequency and probability distributions; binomial, Poisson, and normal distributions. Elements of sampling, correlation, significance tests including the application of chi-square, t, F distributions and the interpretation of the results. Prerequisite: Mathematics 131 or permission of instructor.

306. STATISTICS FOR ECONOMICS AND BUSINESS *2 hours*

A construction and interpretation of price and production indexes and analysis of time series. Prerequisites: Mathematics 131, Economics 305, and permission of instructor.

401. PUBLIC FINANCE *3 hours*

A study of governmental expenditures, taxation, debt management, and fiscal policies. Prerequisite: Economics 201-202.

Otterbein College

402. HISTORY OF ECONOMIC THOUGHT *3 hours*

A study of the development of economic thought from ancient times to the present. Prerequisite: Economics 201-202.

403. SENIOR SEMINAR *1 hour*

A combined seminar for both senior economics and business administration majors. The student will present and defend his paper from Economics 407 or Business Administration 420 to the seminar group. In addition, he will participate in the seminar for the whole semester in order to receive credit. Prerequisite: Senior status and Economics 407 or Business Administration 420.

405. MACROECONOMIC THEORY *3 hours*

A study dealing with the behavior of the aggregate economy. Topics studied include the nature of macroeconomics; theoretical analysis of cyclical fluctations, economic stabilization, and macroeconomic forecasting. Prerequisite: Economics 201-202.

406. NATIONAL ECONOMIC POLICY *3 hours*

A study of domestic economic polices of government. Topics studied include monetary-fiscal policies, farm policy, and government and business policy. Prerequisite: Economics 405 or 302.

407. RESEARCH METHODS IN ECONOMICS *3 hours*

A course designed to acquaint the student with the tools and techniques of economic research. The student will select a significant problem for independent study and will prepare a written report of his investigation. Prerequisites: Senior status, Mathematics 131, and permission of instructor.

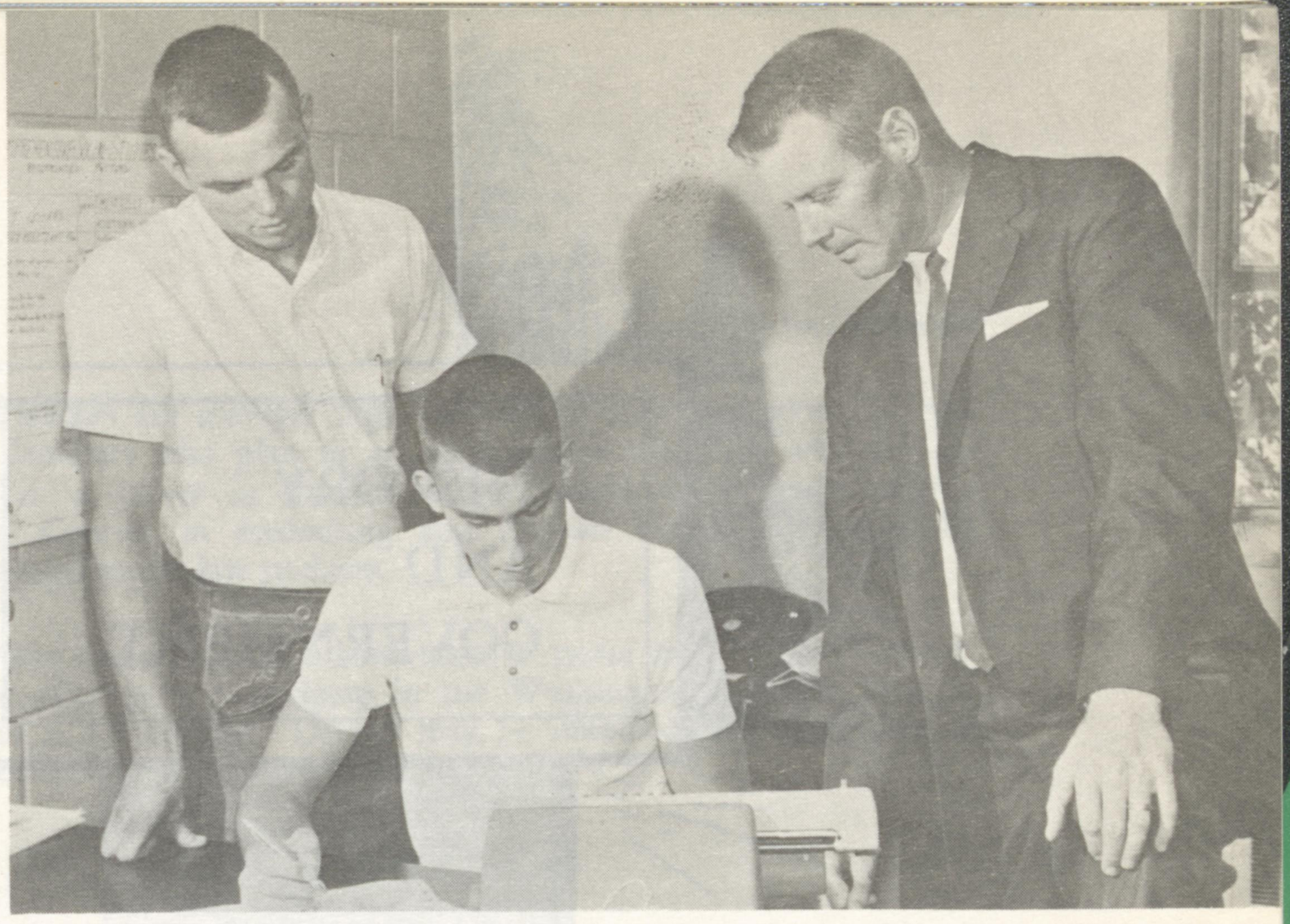
Program in Business Administration

221-222. MANAGERIAL ACCOUNTING *6 hours*

The concepts and principles underlying modern accounting practices are the major elements studied in the course. Understanding the accounting techniques for quantitative control of business operations is the aim of the course.

321. PRINCIPLES OF MANAGEMENT *3 hours*

An examination of the fundamentals of administrative organization of group activities.



Professors Offer Personal Attention

322. PRINCIPLES OF MARKETING *3 hours*

A survey of modern marketing methods, integrating functional, institutional and commodity approaches. A study of market power, structure, and performance as they are related to consumers and managers of the firms. Prerequisite: Economics 201-202.

323-324. LABOR MANAGEMENT RELATIONS *6 hours*

A study designed to point up the nature of labor problems in modern society and alternatives employed in their solution. Prerequisite: Economics 201-202.

325. BUSINESS FINANCE *3 hours*

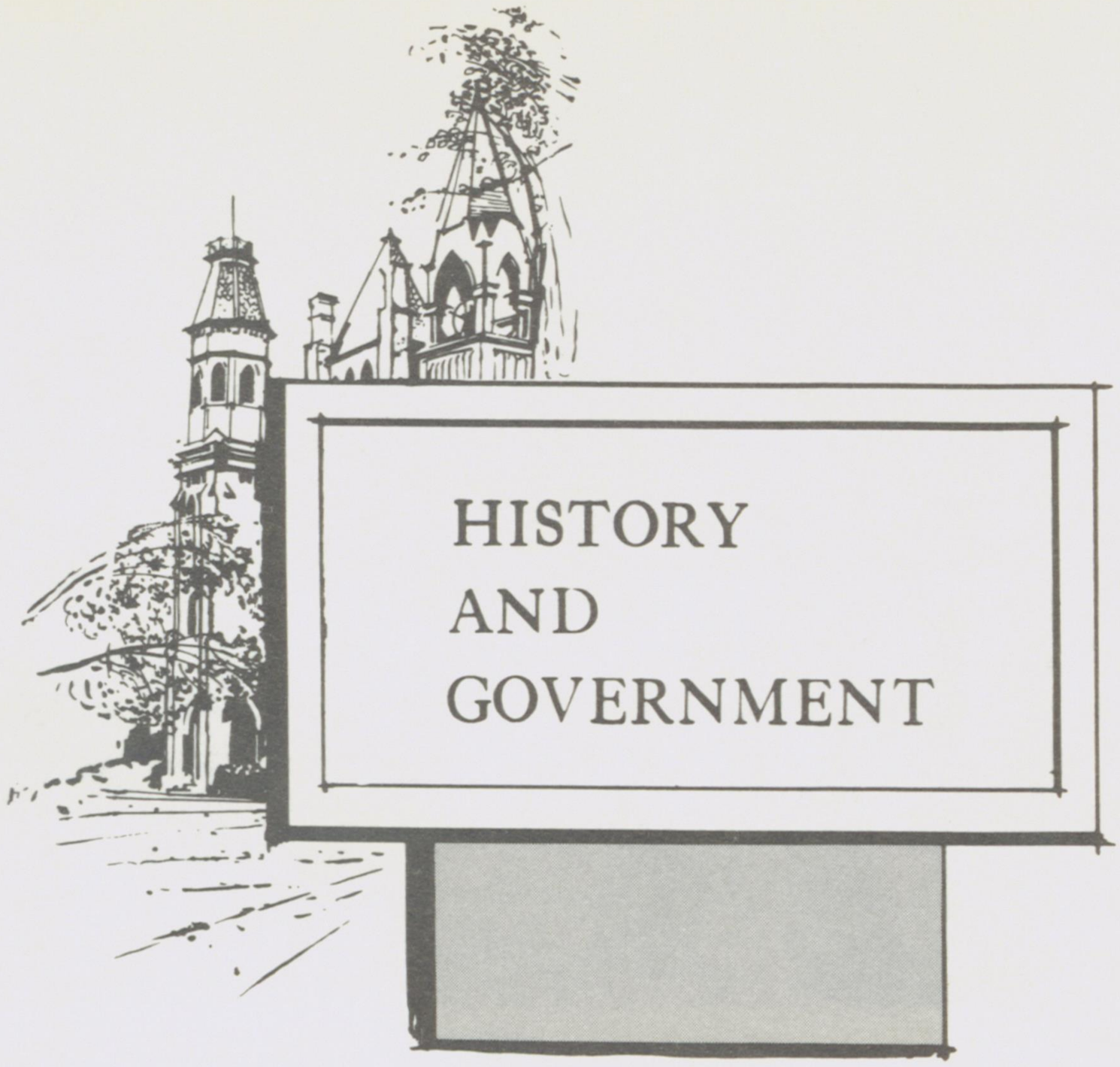
The financial organization of business activity, source of funds, techniques of financial management are studied. Prerequisite: Business Administration 221-222.

403. SENIOR SEMINAR *1 hour*

Required of all Business Administration majors. See Economics 403.

420. BUSINESS POLICIES AND PROBLEMS *3 hours*

Analysis of typical problems confronting business management is the major feature of the course. Each student will select a case study for independent research. The student will present a written report of his findings to the Departmental Seminar, Economics 403. Prerequisite: Senior status and permission of the instructor.



Mr. Hancock, *Chairman;* Miss Holtermann, Mr. Kerr, Mr. Laubach, Mr. Noonan, Mr. Whitaker.

A major in History consists of twenty-nine hours, which must include 201-202 and 309-310. The remaining seventeen hours may be chosen from other courses in the department. In addition Government 201-202 is required.

A major in Government consists of twenty-seven hours of courses in Government, in addition to Economics 201-202. A major in History and Government must include History 201-202, 309-310, Government 201-202, six additional hours of government and eleven additional hours in either history or government, totaling thirty-five hours. A minor in history consists of eighteen hours chosen from the courses in history. A minor in government consists of eighteen hours chosen from courses in government.

In order to meet high school qualifications for teaching history and government in the state of Ohio, students are required to take twenty-seven hours of history and government, including History 101-102 or 309-310, 201-202, Government 201-202, and nine additional hours of either field. In addition, History 313 (Methods), which counts as an education course, is required. The Department recommends that students who plan to teach should take Economics 201-202 and Sociology 201-202, as well as History 308.

All majors are strongly urged to take at least one course in economics. Students who plan to attend graduate school or who are interested in a career in foreign service should take French and/or German. Courses in accounting and English history are especially recommended to pre-law students.

Juniors and seniors who have taken a course in American Government are eligible to participate in the Washington Semester Plan, if they have a 2.8 average. Details may be obtained from members of the Department.

History

101-102. HISTORY OF WESTERN CIVILIZATION *6 hours*

A basic course for all students, tracing the development of western political, economic and cultural institutions.

201-202. AMERICAN HISTORY *6 hours*

A survey of the economic, cultural, political and social history of America.

301-302. ENGLISH HISTORY *6 hours*

A survey of English history to the present day. The course is especially recommended to pre-law students and to majors in English.

303-304. LATIN AMERICAN HISTORY *6 hours*

A survey of Latin American civilization.

305. MODERN AND CONTEMPORARY FAR EAST *3 hours*

A study of the background and development of modern China and Japan.

306. RUSSIA AND EASTERN EUROPE *3 hours*

The history of Russia, past and present, and a study of her relations with the outside world.

308. EUROPE FROM 800 TO 1815 *4 hours*

An examination of the cultural, economic and religious development of Europe in these years, with special attention to the Reformation, the development of modern national states, economic institutions, the French Revolution and the Napoleonic era.

309-310. MODERN EUROPEAN HISTORY *6 hours*

The political, economic and social movements of western Europe from 1815 to the present.

Otterbein College

311. American Diplomatic History *3 hours*

A history of American diplomatic relations from the American Revolution to the present, with special emphasis upon the twentieth century.

312. Modern American History Since 1920 *3 hours*

A study of the American political, economic and social scene in the twentieth century with special emphasis on the period since 1920. Prerequisite: History 202.

313. The Teaching of History and the Social Studies *2 hours*

A course for students expecting to teach history and government in high school. This course counts as education and may not be used as part of a major or a minor in history and government. Prerequisite: Education 101.

314. History of Ohio *2 hours*

A survey of the history of Ohio as a territory and state.

315-316. Ancient History and Early Medieval History *6 hours*

A study of the civilizations of the Ancient World with special emphasis upon Greece, Rome and early medieval history to 800 A.D.

361-362. Studies in Selected Topics of American History *1-6 hours*

Intensive reading in selected topics in American history. Topics to be announced each semester. No student may earn more than six hours of credit. Open only to juniors and seniors with special permission.

391-392. Special Problems *1-6 hours*

Students may do research or reading in their special interests. Open to juniors and seniors with special permission.

401. History Seminar *2 hours*

Highly recommended for students planning to attend graduate school. Students are urged to take this course in their junior year.

Government

201. Introduction to Political Science *3 hours*

An introduction to the methods and concepts involved in a systematic study of politics. Particular emphasis is placed upon presently competing systems of government as these affect human welfare.

202. AMERICAN FEDERAL GOVERNMENT *3 hours*
The constitutional development of the federal government with special emphasis upon the interrelationships of the legislative, executive and judicial branches as well as problems of policy and popular control.

204. STATE AND LOCAL GOVERNMENT *3 hours*
An examination of the relation of the states to the federal government and of the states to each other with a focus upon legislative, executive and judicial functions in the State of Ohio in comparison to practices in other selected states.

302. COMPARATIVE GOVERNMENT *4 hours*
A comparative study with emphasis upon the government of Great Britain, France, Germany, and Russia.

305. ANCIENT AND MEDIEVAL POLITICAL THEORY *2 hours*
An interpretation of the political thought of Plato and Aristotle as it relates to modern political systems and an examination of that medieval political thought which bears upon church-state controversies.

306. MODERN POLITICAL THEORY *2 hours*
A study of the development of political theories from the Discourses of Machiavelli to the present day with emphasis upon the theory of the state and contemporary "isms."

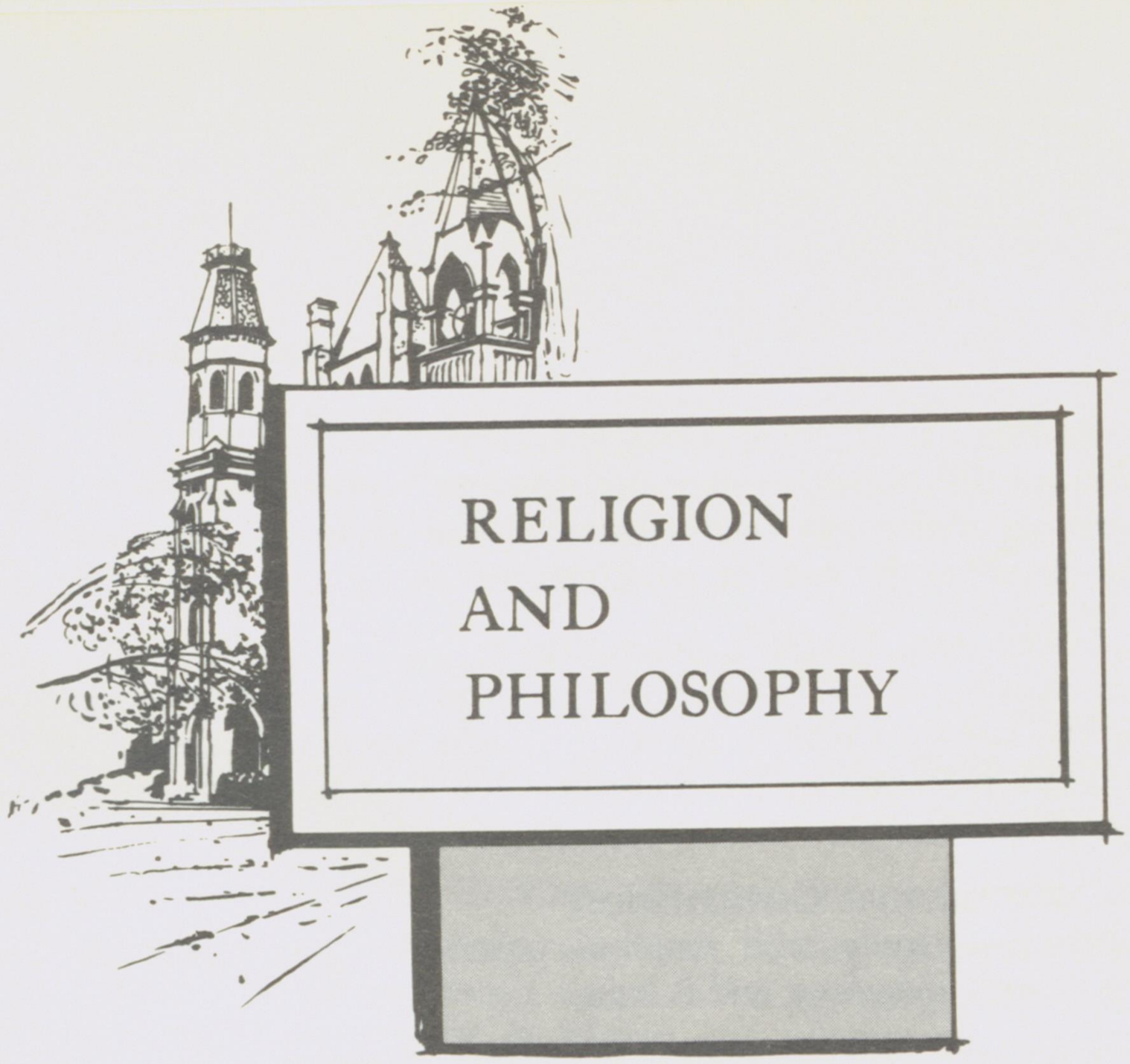
309. INTERNATIONAL RELATIONS *3 hours*
This traces the development of nationalism and methods of diplomacy from antiquity to the 20th century. It concludes with a study of balance of power politics.

310. AMERICAN FOREIGN POLICY PROBLEMS *3 hours*
This course deals with American foreign policy problems which can be geographically or functionally defined. In each year it concentrates on those areas which appear particularly critical.

311. AMERICAN POLITICAL THEORY *3 hours*
This course deals with the leading political theories which guided the thinking of the Founders of the United States Constitution and which continue to animate partisans of conflicting interpretations of the Constitution. Offered in alternate years.

312. AMERICAN CONSTITUTIONAL LAW *3 hours*
The course deals with the leading decisions of the United States Supreme Court and with the historical settings out of which the litigated questions emerged.

401. GOVERNMENT SEMINAR *2 hours*
Highly recommended for students planning to attend graduate school. Students are urged to take this course in their junior year.



Mr. Ackert, *Chairman;* Mr. Amy, Mr. Dannenfelser, Mr. Ellsworth, Mr. Pohly.

A major in religion and philosophy consists of 30 hours: 15 hours of religion, including Religion 201, 202 and 310; as well as 15 hours of philosophy, including Philosophy 201, 204 and 301.

A major in religion requires 24 hours, including Religion 201, 202, 310 and 311. A minor in religion and philosophy requires 18 hours which must include Religion 201, 202 and 310, and Philosophy 201 and 204. A minor in either religion or philosophy requires 15 hours.

Designed for those who wish to prepare themselves to participate actively in the religious leadership of their church and community, the department offers a minor in Christian Service. It includes Religion 201, 202, 211 and 310, as well as Church Music 103 and 104.

Religion

201. INTRODUCTION TO OLD TESTAMENT LIFE AND LITERATURE *3 hours*

A study of the development of religious and ethical ideas and practices of the Hebrew people through their Scriptures.

202. INTRODUCTION TO NEW TESTAMENT LIFE AND LITERATURE *3 hours*

A study of the literature of the rise and growth of the Christian movement, with special attention to the meaning of the early Christian Church. Students are strongly urged to schedule Old Testament courses earlier than New Testament courses in their academic program.

211. PRINCIPLES OF CHRISTIAN EDUCATION *3 hours*

A survey of the theory and practice of religious education from the Christian point of view, with some attention to the practice of modern religious education.

301. THE HEBREW PROPHETS *3 hours*

An introduction to the prophetic literature, taking selected writings from the Old Testament. Alternates with course 303.

302. JESUS AND THE GOSPELS *3 hours*

A study of the life and work of Jesus, with particular attention given to the interpretations given in the canonical gospels. Alternates with course 304.

303. OLD TESTAMENT POETRY AND WISDOM LITERATURE *3 hours*

A study of the books of Psalms, Job, and other similar writings in the Old Testament. Alternates with course 301.

304. LIFE AND LETTERS OF ST. PAUL *3 hours*

An examination of the life and letters of the missionary apostle, with special attention to environmental factors within the early Christian Church. Alternates with course 302.

310. BASIC CHRISTIAN BELIEFS *3 hours*

A systematic study of the creedal and doctrinal basis of the Christian religion; particular emphasis on Protestantism.

311. WORLD RELIGIONS *3 hours*

A survey of the major world religions, their origin, their tenets, and their relationship to Christianity. This course is recommended as preparation for Philosophy of Religion. Given in alternate years.

401. HISTORY OF THE BIBLE *3 hours*

An introductory study of the documentation of the Bible, the selection of these writings as sacred literature, and the history of our English versions of the Bible.

Otterbein College

402. THE PASTORAL AND GENERAL EPISTLES *3 hours*
A study of the non-Pauline literature of the New Testament and its relationship to the early Christian Church.

Philosophy

201. INTRODUCTION TO PHILOSOPHY *3 hours*
A systematic survey of the problems and methods in philosophy and their relation to science, religion, and society.

204. ETHICS *3 hours*
A study of morality and ethical theory in the light of their historical development. Contemporary ethical problems.

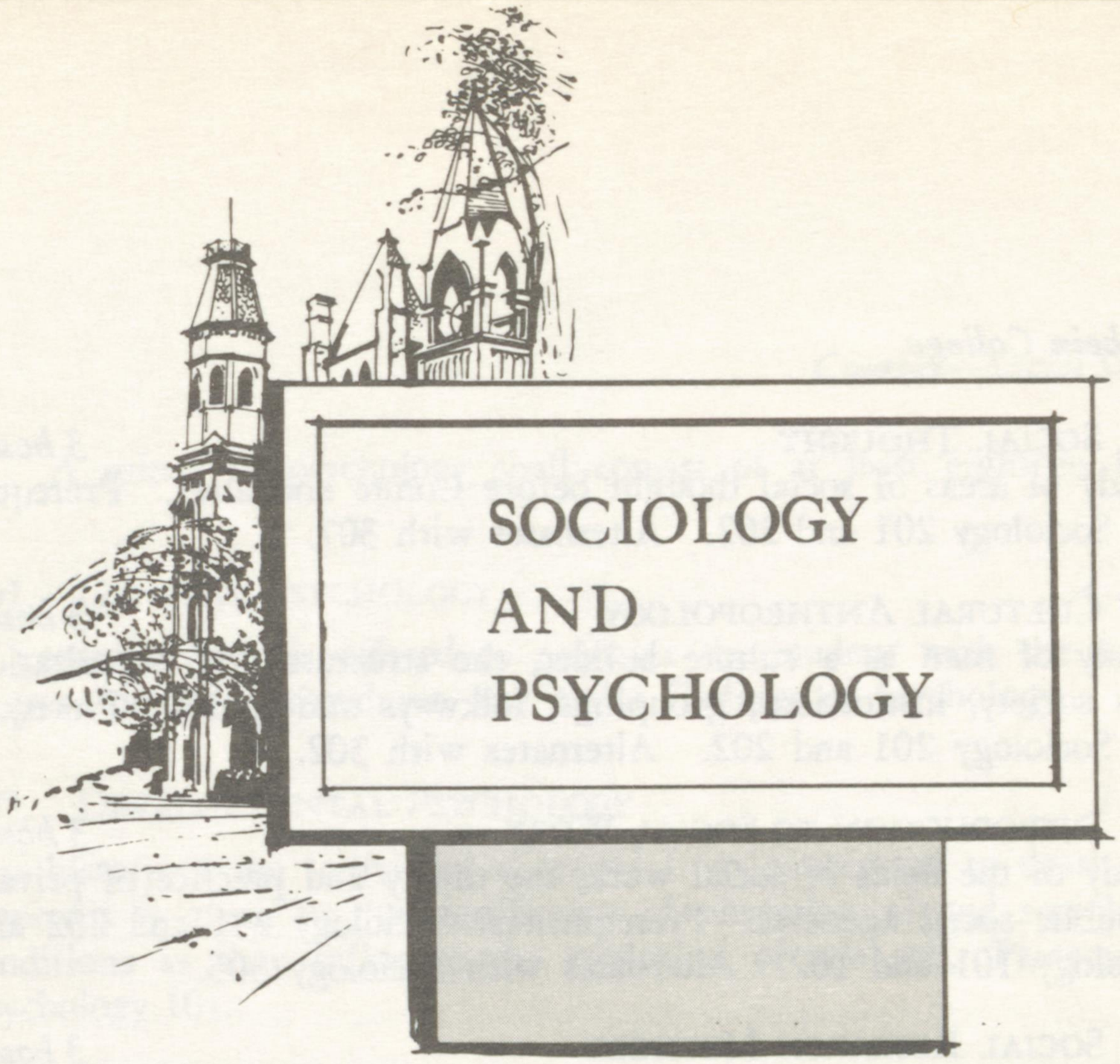
301. LOGIC *3 hours*
The fundamentals of classical and modern logic—the basic principles of reasoning. Theory and problems.

303-304. HISTORY OF PHILOSOPHY *6 hours*
Ancient and Modern. A systematic review of philosophy from the time of the pre-Socraties to the present day.

306. PHILOSOPHY OF RELIGION *3 hours*
A study of the meaning of religion and the principal religious concepts, with particular emphasis on those found in the Christian culture. Prerequisite: Philosophy 201. Offered in alternate years.

401. CONTEMPORARY PHILOSOPHIES *3 hours*
A study of present-day themes and issues, with their proponents, as related to social ideologies. Prerequisite: permission of the instructor. Offered only on sufficient demand.

Professors Air Problems



Mr. Lovejoy, *Chairman;* Mr. Cox, Mrs. Karsko, Mrs. Settles, Mr. Skinner.

A major in sociology shall consist of twenty-four hours including 305 and 308. In addition all majors in sociology are required to take Mathematics 131.

A minor in sociology is fifteen hours. Mathematics 131 is recommended. No more than four hours of Sociology 403-404 can be applied to the major or minor requirement.

Sociology

201. INTRODUCTORY SOCIOLOGY *3 hours*
A study of society and its institutions.

202. SOCIAL PROBLEMS *3 hours*
A study of social and societal problems.

204. MARRIAGE AND THE FAMILY *3 hours*
A study of the family institution in general and the individual's marital plans in particular. Introductory Sociology and Psychology strongly recommended.

301. RACIAL AND CULTURAL RELATIONS *3 hours*
A study of racial, religious, national, and ethnic groups. Prerequisite: Sociology 201 and 202. Alternates with 311.

302. CRIMINOLOGY *3 hours*
A study of criminality, social control, and penology. Prerequisites: Sociology 201 and 202. Alternates with 306.

303. SOCIOLOGY OF THE COMMUNITY *3 hours*
A study of the American community, rural, urban, and suburban. Prerequisites: Sociology 201 and 202. Alternates with 309.

305. SOCIAL THOUGHT *3 hours*
A study of areas of social thought before Comte and after. Prerequisites: Sociology 201 and 202. Alternates with 307.

306. CULTURAL ANTHROPOLOGY *3 hours*
A study of man as a culture builder, the structure and organization of his society, institutions, groupings, folkways and mores. Prerequisites: Sociology 201 and 202. Alternates with 302.

307. INTRODUCTION TO SOCIAL WORK *3 hours*
A study of the fields of social work, the theory and practice of private and public social agencies. Prerequisites: Sociology 201 and 202 and Psychology 101 and 102. Alternates with Sociology 305.

308. SOCIAL RESEARCH METHODS *3 hours*
A study of basic research methods and techniques used in contemporary social research in academic, industrial, and governmental settings. Prerequisites: Sociology 201 and 202.

309. SOCIOLOGY OF RELIGION *3 hours*
A study of the structural and dynamic aspects of religion as it affects human personality, groups, institutions, value systems, and American culture generally. Alternates with Sociology 303. Prerequisites: Sociology 201 and 202.

311. SOCIOLOGY OF WORK *3 hours*
A study of the social interrelationships, statuses, roles, values, and problems involved in work as its affects the individual, group, community, and society. Recommended: Sociology 201 and 202 and/or Economics 201 and 202. Alternates with Sociology 301.

403-404. INDIVIDUAL WORK *1-4 hours*
This encompasses field work at a recognized social work agency or library research in a field not ordinarily offered or empirical research of a community or institutional type. Advanced standing as a sociology major or minor and permission of the instructor are required.

Psychology

A major in psychology shall consist of twenty-eight hours which must include Psychology 101, 206, 311, 312 in addition to Mathematics 131.

The department further recommends that psychology majors who intend to do graduate work take at least 8 hours of biology, 8 hours of physics, Mathematics 109-110 and 30 hours of course work in the social sciences of which 15 hours should be in sociology.

A minor in psychology shall consist of at least eighteen hours.

101. GENERAL PSYCHOLOGY *4 hours*

A general survey is offered to acquaint the student with the subject matter, methods, procedures, and major findings of psychology.

205. DEVELOPMENTAL PSYCHOLOGY *3 hours*

The history of the individual is traced from conception to death. An emphasis is given to the significance of physiological and sociological conditions as they influence the evolution of the self. Prerequisite: Psychology 101.

206. SYSTEMATIC PSYCHOLOGY *3 hours*

This course examines and critically evaluates the major theoretical systems in modern psychology. Prerequisite: Psychology 101.

207. PSYCHOLOGY OF PERSONALITY *3 hours*

Personality will be studied from a genetic standpoint with a view to discerning the basic psychological principles and conditions underlying personality development and change. Prerequisite: Psychology 101.

302. ABNORMAL PSYCHOLOGY *3 hours*

Behavioral disorders, their causes and treatments will be studied. Prerequisite: Psychology 101.

305. SOCIAL PSYCHOLOGY *3 hours*

The interpersonal relations of man and how these are effected by society's norms and values form the basic content of the course. Prerequisite: Psychology 101.

311. PSYCHOLOGY OF PERCEPTION AND LEARNING *3 hours*

Attention will be given to the cognitive and perceptual aspects of man's functioning and to the neurological foundations of his behavior. Prerequisite: Psychology 101. Alternates with Psychology 335.

312. EXPERIMENTAL PSYCHOLOGY *3 hours*

Questions of special interest, growing out of Psychology 311, will serve as the basis for experimental study and verification. Prerequisites: Psychology 311 and a course in Statistics. Alternates with Psychology 336.

335. INTRODUCTION TO PSYCHOLOGICAL TESTING *3 hours*

Consideration will be given to the better known psychometric instruments, the theory underlying their construction and use, how they are administered, and how the results are scored, interpreted and evaluated. Prerequisites: Psychology 101 and a course in Statistics.

336. INTRODUCTION TO COUNSELING AND GUIDANCE *3 hours*

The better known methods and techniques in counseling and guidance will be studied. Prerequisite: Psychology 335.

401 or 402. PSYCHOLOGY SEMINAR *1-3 hours*

The course will consist of doing advanced research and experimentation in the field of psychology. Seminar subjects will be determined on the basis of student needs and/or interests. Prerequisites: Psychology 101 and permission of instructor.

Students Check on Lecture

The Division of Fine Arts

MR. CHAMBERLAIN, *Acting Chairman*

Departments: Visual Arts and Music

VISUAL ARTS

Mrs. Lilliam Frank, *Chairman;* Mr. Germanson, Mr. Hassenpflug, Mrs. Jones.

The courses in the Department of Visual Arts are open to all students in the college. Some of the courses are arranged so as to give the student who does not possess artistic ability a greater understanding and appreciation of the great works of art of all ages.

Other courses are to aid the talented student to become more mature as an artist and to prepare him for an art or a teaching career.

For one semester hour of credit there is required one three-hour studio period or a one-hour class.

The department has the privilege of holding any completed work for one year for exhibition purposes.

A major consists of not less than thirty-two semester hours of art which shall include six hours of design (Art 121, 224 and 235), four hours of drawing, three hours of painting, three hours of sculpture, two hours of ceramics, six hours of art history (Art 301 and 302), Humanities 201-202 three hours of which can be counted as art and an additional five hours to be elected from the area of drawing and painting or from the area of ceramics and sculpture. To insure breadth of background in the related arts the department recommends six hours of literature and courses in theatre, music and dance to be chosen in consultation with the adviser.

A minor consists of eighteen hours to be chosen in consultation with the teachers in the art department and the student's adviser. Three hours of Humanities 201-202 may be counted toward the minor.

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To meet the requirements of the State of Ohio for the High School teaching certificate with a teaching field in Art, the student must fulfill the requirements of the Department of Education and complete 24 semester hours of art, consisting of six hours of drawing and painting, three hours of sculpture, six hours of crafts, four hours of methods and observation, three hours of history of art and six hours of design, including lettering.

A student majoring in elementary education may use an art minor of eighteen hours to satisfy the requirements of the State of Ohio for a certificate to teach art in the elementary school.

A student interested in preparing to meet the requirements of the State of Ohio for the special certificate which entitles him to teach art in the grades, one through twelve, may with careful planning complete the fifty hours of art required.

101. Basic Art *2 hours*
Introduction to art through experience in drawing, painting, sculpture and art theory. Required for students majoring in elementary education; not open to art majors.

111. Basic Drawing *2 hours*
Introduction to various drawing media with continual emphasis upon composition. Drawing from memory and imagination to develop perception. Outdoor sketching in fall. Offered in alternate years.

211-212. Figure Drawing *4 hours*
The study of structure and form of the human figure. Rapid sketch from the model with emphasis upon gesture. Offered in alternate years.

121. Basic Design *2 hours*
Problems in the arrangement of line, shape, space, texture, value and color with special emphasis on the nature of color. Required for students majoring in Home Economics and recommended for students majoring in Speech.

224. Design and Composition *2 hours*
A continuation of the study of 2-dimensional design with emphasis on composing in black and white and in color. Introduces woodcut and other relief printing media. Prerequisite: 121. Offered in alternate years.

226. Lettering and Layout *2 hours*
Learning to use standard alphabets and to create new ones. Understanding basic principles of design as applied to alphabets and layout. Skill in using pen and brush. Offered on sufficient request.

233. Basic Ceramics *2 or 3 hours*
Introduction to the use of clay as an art medium. Development of

skill in hand-building, glazing and in firing a kiln. Offered in alternate years.

333. ADVANCED CERAMICS *2 or 3 hours*
Continuation of hand-building, glazing and firing. Experience in using the potter's wheel. Prerequisites: 121 and 233. Offered together with 233.

235. DESIGN IN MATERIALS *2 or 3 hours*
Problems in 3-dimensional design. Exploration of creative design possibilities of various materials; wood, metal, plaster, etc. Prerequisite: 121 or the permission of the instructor. Offered in alternate years.

241. WATERCOLOR PAINTING *2 hours*
Exploration of watercolor media and experimentation with color relationships in picture composition. Prerequisite: some courses in drawing and design or the permission of the instructor. Offered in alternate years.

341. ADVANCED WATERCOLOR PAINTING *2 hours*
Offered together with 241 which is a prerequisite.

251-252. OIL PAINTING *6 hours*
Artistic problem solving in oil medium. Individualized instruction. Slide study. Research into writings on art theory. Prerequisite: some courses in drawing and design or permission of the instructor. Offered in alternate years.

351. ADVANCED OIL PAINTING *2 hours*
Offered together with 251 or 252 which are prerequisites.

261. SCULPTURE *3 hours*
Modeling of the figure, animals and the abstract with emphasis upon three dimensional design. Study of contemporary sculpture and that of certain periods of history. Creative expression in the plastic media. Prerequisite: some courses in drawing and design or the permission of the instructor. Offered in alternate years.

361. ADVANCED SCULPTURE *3 hours*
Offered together with 261 which is a prerequisite.

281. METHODS IN ELEMENTARY ART EDUCATION *3 hours*
The study of the characteristics of child art and the significance of the child's art expression to his development as a creative individual. Experience in arts and crafts related to their use in the elementary school art program. Two 2 hour periods per week with additional outside work.

383. METHODS IN SECONDARY ART EDUCATION *3 hours*
A methods course for those art students who are preparing to teach in the secondary school. Weekly class and studio periods. Given upon request.

391. SPECIAL PROBLEMS IN ART *1-5 hours*
Research projects in art history, appreciation, or creative work for qualified students. Permission of the instructor. May be repeated not to exceed 5 hours.

103. HISTORY OF AMERICAN ART *3 hours*
A course tracing the development of architecture, painting and sculpture in the United States to the present.

104. INTRODUCTION TO CONTEMPORARY ART *3 hours*
A course presenting the visual arts of the 20th century with their 19th century background. The emphasis will be on painting.

301. HISTORY OF ARCHITECTURE *3 hours*
A study of the appreciation of architecture and its chronological development in Western civilization. Three classes each week. Offered in alternate years. A background in one of the arts or in history, or the course, Exploring the Arts, is recommended.

302. HISTORY OF PAINTING AND SCULPTURE *3 hours*
A general survey of painting and sculpture from paleolithic times to the present. Three classes each week. Offered in alternate years. A background in one of the arts or in history, or the course, Exploring the Arts, is recommended.

201-202. EXPLORING THE ARTS (HUMANITIES) *6 hours*
Introduction to the basic principles and interrelation of the creative arts with emphasis on music and the visual arts. Students are familiarized with aesthetic concepts through direct experience and study of important works of art, and with techniques through experimentation in exploratory periods. Recommended for students not majoring in these fields; acceptable with approval of the adviser as meeting the graduation requirements in literature or Humanities. Three class periods and one exploratory period each week. Not open to freshmen. (See also English 203-204).

Mr. Paul Frank, *Acting Chairman;* Mr. Bradley, Mr. Chamberlain, Mr. Daugherty, Mrs. Fenholt, Mr. Lawrence Frank, Mrs. Gerhardt, Mr. Ginter, Mr. Motycka, Mr. Rhoades, Mrs. Smit-Vanrotte

Otterbein is a member of the National Association of Schools of Music and the requirements for entrance and graduation as set forth in this catalog are in accordance with the published regulations of that association. The department offers courses leading to the degrees of Bachelor of Music, Bachelor of Music Education, and Bachelor of Arts with a major in music. The department also offers opportunities for all students in the college to come in contact with music as an elective study or through participation in music organizations. Students not wishing to enter any of the programs leading to a degree are not required to follow prescribed entrance requirements or course outlines, and may take lessons in applied music upon consultation with the chairman of the department.

Faculty and student recitals held in Hall Memorial Auditorium are open to the public.

Musical Organizations

The Men's and Women's Glee Clubs, made up of from 50 to 70 carefully selected voices each. The Men's Glee Club was organized in 1909 and the Women's Glee Club in 1917. In addition to performing for various college functions, they make appearances in neighboring

communities. The glee clubs emphasize the classic choral music from all periods as well as the rich field of folk songs and ballads.

The A Cappella Choir is composed of fifty voices chosen by tryout from all departments of the college. Extensive concertizing is planned each year.

The Brass Choir is formed for the purpose of exploring the literature for such groups and for the purpose of providing necessary training and recital experience. Admission by tryout to all students.

The College-Community Orchestra is open to students by tryout. The orchestra cooperates in the annual presentations of major works for chorus and orchestra and in the musical-dramatic productions, in addition to performing standard orchestral literature.

The College Band is formed each fall as a marching organization for football games, but is continued as a concert unit for the balance of the year. There are several concerts each season, including out-of-town performances. Admission by consulting the director.

Requirements for Degree Courses

Bachelor of Music

The course of study with concentration in applied Music demands considerable talent in a particular medium of performance, general musicianship, and a capacity for intelligent practice. The goal toward which the student must work during all four years is the ultimate mastery of performance. The candidate for this degree must demonstrate adequate techniques to produce an artistic performance. He should give evidence of thorough preparation in the theory and literature of music.

All degree candidates in music must pass an examination each semester in their major and minor applied fields before a faculty jury.

After satisfactory appearances on student recitals during all four years, the Bachelor of Music candidate must give a full recital in his major applied subject during his last year.

The required number of semester hours, one hundred twenty-four, must include at least ninety in music subjects. A maximum of thirty-six hours may be in academic subjects.

Students are required to take a minimum of sixty minutes of individual instruction per week in the major subjects in applied music

Glee Club Performance

throughout each year of residence. One semester hour credit shall be given for each three hours per week of practice, plus the necessary individual instruction, but not more than six hours credit will be allowed for the major subject during one semester.

At least twenty-four semester hours of the last thirty hours required for a degree shall be earned in residence.

Bachelor of Music, Pianoforte Major

Entrance requirements and standards expected for successful completion of the four-year course of study:

Note—It is understood that the following requirements are not to be construed in any way as outlines or courses of study, but merely indicate the comparative degrees of advancement to be attained at the various stages of the courses.

Piano Requirements

A. Requirements for Entrance

To enter the four-year degree course in piano, the student should be grounded in reliable technique. He should play all major and minor scales correctly in moderately rapid tempo, also broken chords in

octave position in all keys and should have acquired systematic methods of practice.

He should have studied some of the standard etudes, such as Czerny, Op. 299, Book 1; Heller, Op. 47 and 46 (according to the individual needs of the pupil); Bach, Little Preludes; a few Bach two-part Inventions and compositions corresponding in difficulty to—

Haydn, Sonata No. 11, G major No. 20 (Schirmer).
Mozart, Sonata C Major No. 3, F major No. 13 (Schirmer).
Beethoven, Variations on Nel cor Piu, Sonatas Op. 49, No. 1, Op. 14, Nos. 1 and 2.
Schubert, Impromptu Op. 142, No. 2, etc.

B. End of Second Year

At the end of the second year the student should have acquired a technique sufficient to play scales and arpeggios in rapid tempo, to play scales in parallel and contrary motion, in thirds and sixths and in various rhythms. He should have acquired some octave technique and should have studied compositions of at least the following grades of difficulty:

Bach, easier preludes and fugues from Well Tempered Clavier.
Bach, French Suites and Partitas.
Beethoven, sonatas such as Op. 2, No. 1; Op. 26; Op. 31, No. 1.
Compositions by various romantic and modern composers.

The student should demonstrate his ability to read at sight accompaniments and compositions of moderate difficulty.

C. End of Fourth Year

The candidate must have acquired the principles of tone production and velocity and their application to scales, arpeggios, chords, octaves and double notes. He must have a repertory comprising the principal classic, romantic, and modern compositions which should include such works as:

Bach, English Suites, toccatas, Well Tempered Clavier.
Italian Concerto.
Beethoven, sonatas Op. 31, Nos. 2 & 3 and later except Op. 49.
Compositions by Brahms, Chopin, Schumann and modern composers.
Concerti by Mozart, Beethoven.

Candidates must have had consideratble experience in ensemble and should be capable sight readers.

Bachelor of Music, Vocal Major

Entrance requirements and standards expected for successful completion of the four-year course of study:

Voice Requirements

A. Entrance Requirements

To enter the four-year degree course in voice the student should be able to sing on pitch with correct phrasing and musical intelligence standard songs in good English (the simpler classics are recommended). He should also demonstrate his ability to read a simple song at sight and have a knowledge of the rudiments of music.

B. End of Second Year

At the end of the second year the student should have acquired a knowledge of breath control, tone quality, principles of enunciation, and pronunciation as applied to singing. He should demonstrate his ability to sing major, minor, and chromatic scales, arpeggios, exercises for agility, for sustaining tone, and the classic vocal embellishments. He should demonstrate a knowledge of early Italian classics, and the ability to sing one or more of the less exacting arias of opera and oratorio. He should also have acquired use of one language in addition to English.

C. End of Fourth Year

The candidate for graduation should demonstrate the ability to sing in three foreign languages, a knowledge of recitative in both the free and measured forms, knowledge of the general song literature and the ability to give a creditable recital.

The repertory for immediate use should consist of at least four operatic arias, four oratorio arias, twenty classic, and twenty standard modern songs.

The candidate should have completed two years of ensemble singing; he must also have completed sufficient piano study to enable him to play accompaniments of average difficulty.

Bachelor of Music, Violin Major

Entrance requirements and standards expected for successful completion of the four-year course of study.

Violin Requirements

A. Entrance Requirements

To enter the four-year degree course in violin the student should have an elementary knowledge of the pianoforte.

He should have the ability to perform etudes of the difficulty of the Kreutzer Etudes, Nos. 1 to 32, and works of the difficulty of the Viotti Concerto, No. 23, the de Beriot concerti, Nos. 7 and 9, the Tartini G minor sonata, and the easier Handel sonatas.

Otterbein College

B. End of the Second Year

At the end of the second year the student should have acquired the ability to perform works of the difficulty of the Viotti Concerto No. 22, the Spohr Concerto No. 2 and the easier Bach sonatas for violin and piano.

The student should also give evidence of his ability to read at sight compositions of moderate difficulty, should demonstrate sufficient ability in ensemble to take part in the performance of easier string quartets and symphonic works. He should have acquired sufficient pianistic ability to play simple accompaniments.

C. End of Fourth Year

The candidate for graduation should show an adequate technical grounding in scales, arpeggios, bowing and phrasing, and the ability to perform works of the difficulty of the Mendelssohn E minor concerto, the Bruch G minor or Spohr No. 8.

During the four-year course the student should have had not less than two years practical orchestral experience and two years of ensemble. He should have studied the viola sufficiently to enable him to play viola in ensembles.

He should further demonstrate adequate ability in sight-reading and should be able to sight-read simple piano accompaniments.

Bachelor of Music, Organ Major

Entrance requirements and standards expected for successful completion of the four-year course of study:

Organ Requirements

A. Requirements for Entrance

To enter the four-year degree course in organ the student should have completed sufficient piano study to enable him to play some Bach inventions, Mozart sonatas, easier Beethoven sonatas, compositions by Mendelssohn, Grieg, Schubert, Schumann, etc.

B. End of the Second Year

At the end of the second year the student should have acquired the ability to play the following compositions or others of similar grade.

Bach (Schirmer Edition)	Vol. I, No. 12, Prelude.
(Ditson Edition)	Vol. II, No. 17, Fugue in G minor.
	Selections from the Liturgical Year
	Organ Chorals.
Mendelssohn, Sonatas Nos. II, IV, V.	
Guilmant, Sonata No. IV.	
Hollins, Overtures C major—C minor.	

Compositions for the modern organ by standard American and foreign composers.

He should also demonstrate ability in sight reading, in the accompaniment of the classic oratorios and masses, and in general service playing, including playing in the C clefs.

C. End of Fourth Year

The candidate for graduation should have acquired ability in transposition at sight, open score reading and improvisation. He should have a large repertory of organ literature of all schools, classic and modern, of the degree of difficulty indicated by the following:

Bach
((Schirmer Edition) Vol IV, No. 4, Fantasia and Fugue, G minor.
Vol. IV, No. 7, Prelude and Fugue, B minor.
Vol. II, No. 12, Prelude and Fugue, D major.
Book V, Sonatas.
Franck, Chorales, Piece Heroique.
Widor, Symphonies Nos. V to X.
Guilmant, Sonata D minor, No. 1.
Vierne, Symphonies Nos. I to V.
Compositions for modern organ of same grade of difficulty by standard American and foreign composers, such as Sowerby, Roger, Karg-Elert, Tournemire, Dupre, Liszt.

Otterbein College

Violoncello Requirements

A. Entrance Requirements

To enter the four-year degree course in 'cello, the student should be able to play all major and minor scales in three octaves and an étude by Duport or Merk. He should also be able to play one slow and one fast movement of a classical sonata, such as the one by Corelli in D Minor and a fast movement of the same difficulty as the first movement of the Concerto in B Minor by Goltermann.

B. End of Second Year

At the end of the second year, the student should have acquired adequate technique to play all major and minor scales and arpeggios in four octaves at a rapid tempo as well as scales in octaves, thirds and sixths in two octaves.

The student should have studied compositions of the same difficulty as the Saint-Saens Concerto, easier movements from the Bach Suites for Cello alone and the Sonata in G Major by Sammartini.

Knowledge of the ensemble literature including the easier trios and quartets by Beethoven, Brahms, Haydn, and Mozart should be attained by the end of the second year. The student must have acquired the ability to read ensemble and orchestra parts of moderate difficulty at sight, and to play simple piano accompaniments.

C. End of Fourth Year

The candidate for graduation must be able to play all major and minor scales and arpeggios in four octaves at a rapid tempo with various bowings. He must be able to play at a moderate tempo, scales in octaves, thirds and sixths in three octaves.

The student should have in his repertory, two of the Beethoven, one of the Brahms sonatas for cello and piano, an American composition in large form, a concerto of the same difficulty as the Lalo concerto and a number of pieces such as: "At the Fountain" by Davidoff and the "Spinning Song" by Popper.

The candidate's playing knowledge of the ensemble literature will include the classics and the moderns. He must not only be able to play a program very well by memory, but he must also be able to demonstrate that he has enough ensemble and orchestral experience to put him in the professional class. He should be able to sight read simple piano accompaniments.

Clarinet Requirements

A. Entrance Requirements

To enter the four-year degree course in clarinet the student should have an elementary knowledge of the pianoforte.

He should have acquired the fundamentals of good tone production, breath control and hand position; an elementary knowledge of major and minor scales and arpeggios; and the ability to perform material such as is contained in the Langenus Clarinet Method, Part I. He should have studied one or more solo numbers of good musical quality not too difficult for him to play well.

B. End of Second Year

At the end of the second year of the course the student should have acquired a thorough knowledge of all the major and minor scales and arpeggios; have studied the études of Rose and the earlier books of Jean-Jean; have acquired the ability to perform well works of the difficulty of the Spohr Concerto No. 1, the Weber Concerto No. 1 and Grand Duo Concertante and the Saint-Saens Sonata.

The student should also give evidence of his ability to read at sight compositions of moderate difficulty, and should demonstrate sufficient ability to take part in the performance of easier ensemble numbers and hold the second clarinet chair in symphonic works. He should have acquired sufficient pianistic ability to play simple accompaniments.

C. End of Fourth Year

The candidate for graduation should show adequate technique and musicianship for the competent performance of such works as the Mozart Concerto, the Debussy Rhapsodie and the Weber Concerto No. 2; also a knowledge of such sonatas for clarinet and piano as those by Brahms, Reger, Mason, Sowerby, Bernstein, and Tuthill.

During the four-year course the student should have at least two full years of practical orchestral experience, two years of band and two years of ensemble. He should be competent to hold the first clarinet chair in symphonic works.

He should further demonstrate adequate ability in sight reading. He should be able to sight read simple piano accompaniments and be able to transpose fluently on the Bb clarinet parts written for C and A clarinets.

Trumpet Requirements

A. Entrance Requirements

To enter the four-year degree course in trumpet the student should have an elementary knowledge of the pianoforte.

He should have acquired the fundamentals of good tone production and breath control; an elementary knowledge of all major and minor scales and arpeggios; and the ability to perform material such as is contained in the Williams method, Part II or Lillya, Book II or the like. He should have studied one or more solo numbers of good

musical quality such as Balay, Petite Piece Concertante or Fitzgerald, Modern Suite.

B. End of Second Year

At the end of the second year of the course the student should have acquired a thorough knowledge of all major and minor scales and arpeggios; have studied such études as may be found in the Arban Method, Gatti, Part II or Petit, *15 Technical Etudes,* as written and also transposed as for C and A trumpets; have acquired the ability to perform well works of the difficulty of Balay, *Piece de Concours* and Ropartz, *Andante and Allegro.*

The student should also give evidence of his ability to read at sight compositions of moderate difficulty, and should demonstrate sufficient ability to hold second chair in the performance of works for orchestra and band. He should have acquired sufficient pianistic ability to play simple accompaniments.

C. End of Fourth Year

The candidate for graduation should show adequate technique and musicianship for the competent performance of such works as the Haydn and Giannini concertos, the Fitzgerald Concerto in A flat and the Vidal Concertino and the sonatas of Hindemith and Sowerby.

During the four-year course the student should have had four full years of orchestral and band experience and be able to transpose and play readily parts written for trumpets in all keys. He should be competent to hold first chair in orchestra and band, and be able to read at sight with facility. He should also be able to read simple piano accompaniments at sight.

Bachelor of Music, Church Music Major

The aim of this course is to develop in the student good musicianship; a discriminating taste with regard to music, particularly sacred music; a good concept of the function of music in worship services, not limited to a certain denomination; and a broad enough general education to strengthen his qualities of leadership. Graduates should be able to meet the ever growing demand for efficient Ministers of Music who will provide church music of a high quality. Candidates for this degree should major in voice or organ; in exceptional cases conducting can be accepted as the major field. Public performance is stressed, although not as the only goal. Candidates are expected to give in their Senior year half a recital program as singers, organists, or conductors.

Distribution of requirements for the Bachelor of Music degree.

	Piano	Organ	Voice	Instrumental	Church Music
Major applied subject	32	32	30	32	24
Applied minor	8				
Piano minor		8	8	8	
Applied elective	8	8	8	8	12
Theory 111-12, 211-12, 313	15	15	15	15	15
Counterpoint 311-12	6	6	6	6	6
Form. & Anal. 351-52	4	4	4	4	4
Conducting 204		2	2	2	2
Conducting 406					3
Music History 202, 301-302	8	8	8	8	8
Piano techniques 391	2				
Ensemble	4			6	
Vocal ensemble		2	6		4
Recital	2	2	2	2	
Church Music 103-104		3			6
Bible	6	6	6	6	6
English 101-102	6	6	6	6	6
Physical Ed. 101-2	4	4	4	4	4
Special Problems Music 393					2
Church Music Repertoire 303					3
Foreign Language			22		
Academic electives	20	20		20	20
	125	126	127	127	125

A Cappella Choir

Otterbein College

The Church Music major must attain junior standing in his major applied field as defined for applied majors.

It is recommended that majors in Church Music include courses in the History and Literature of Religion in their academic electives.

Bachelor of Music Education Degree

The course of study leading to the degree of Bachelor of Music Education is so planned as to prepare students to teach vocal and instrumental music in the public schools on both the elementary and secondary level. All students must achieve the minimum attainments in vocal and instrumental performance, with opportunity to specialize in voice, piano, or other instruments beyond those minimum attainments. Since many who go out to teach are expected to handle both vocal and instrumental work, all who receive the degree must show reasonable proficiency in both fields, with solo performing ability in at least one field.

To receive this degree, the candidate must have completed the work listed in the suggested course of study. He must play or sing creditably in the regular recitals of the department and must participate in one or more of the campus musical organizations, throughout his college course, unless such participation interferes with the demands of the professional semester. Instrumental majors should be in a vocal organization for at least two semesters; vocal majors should have at least one semester of marching band and one semester of concert band. The requirements for this degree meet the standards of the National Association of the Schools of Music.

The State Department of Education of Ohio awards the State Provisional Certificate for teaching in the public schools to all who graduate with the degree of Bachelor of Music Education.

The candidate for graduation with the degree of Bachelor of Music Education must have completed the requirements prescribed for the end of the second year of the Bachelor of Music course in his major applied field, listed elsewhere in this bulletin.

Candidates must have a sufficient knowledge of the piano to enable them to serve themselves and their communities. All candidates for this degree must pass an examination in functional piano prior to doing student teaching, and are required to take four semester hours of private vocal instruction. (Two semesters may be waived by examination.)

Graduates of this curriculum must satisfactorily complete Music 125-126, 189-190, and 193-194 as a minimum requirement in instrumental music.

Outline of Course in Music Education

Lower Division (FRESHMAN AND SOPHOMORE YEARS)

Applied Music	12 hours
Theory 111-112, 211-212	12
Instrumental Classes 193-194, 125-126	5
Physical Education 101-102, 201-202	4
Psychology 101	3
Education 101	3
English 101-102	6
Bible	6
Conducting 204	2
Introduction to Music History 202	2
Speech	3
Ensemble	4
Academic Electives	6
	68 hours

Upper Division (JUNIOR AND SENIOR YEARS)

Applied Music	12 hours
Theory 313	3
Advanced Conducting 404 or 406	3
Instrumental Classes 189-190	2
Musical History and Literature 301-302	6
Orchestration 462	3
Music Methods 327, 372, 481	9
Education 202, 203, 425-426, 431	16
Ensemble	2
Academic Electives	12
	68 hours

The academic electives should be distributed so that a minimum of 6 hours is taken in each of these fields: Language and/or Literature, Science and/or Mathematics, Social Studies.

At the end of the Sophomore and Junior years every candidate for the degree of Bachelor of Music and Bachelor of Music Education is required to pass a performance test in his major applied field before a committee of examiners of the Music Department. On the basis of their successful performance in these tests, students will be classified as Juniors and Seniors, respectively, in their applied fields.

Otterbein College

Bachelor of Arts, Music Major or Minor

A. Musical Theory as Major Subject
   1. A minimum of 25 hours of Theoretical subjects, including Counterpoint and Form and Analysis.
   2. A minimum of 8 hours of History of Music.
   3. A minimum of 8 hours in applied music. The candidate must have completed the requirements in his chosen field of applied music, normally reached at the end of the first year of work by students of the course leading to the Bachelor of Music Degree.

B. Applied Music as Major Subject
   1. A minimum of 15 hours of Theoretical subjects.
   2. A minimum of 5 hours in History of Music.
   3. A minimum of 16 hours of Applied Music. The candidate for graduation must have completed the requirements in his chosen field of applied music laid down for the end of the second year of the course leading to the Bachelor of Music degree in his chosen field as outlined elsewhere in this bulletin.

(When some instrument other than piano is chosen as the applied field the candidate must demonstrate sufficient pianistic ability to enable him to meet the practical requirements of the courses pursued.)

   4. A minimum of 4 hours in Form and Analysis.
   5. The minimum requirements of the Bachelor of Arts curriculum must be met, in making up the balance of academic hours to complete the one hundred twenty-four required for graduation.
   6. Public performance in the applied subject is stressed in section B.
   7. One hour credit for one-half hour private lesson, plus one hour daily practice is granted in applied work.

Music Staff Gathers

C. Applied Music as a Minor Subject
   1. A total of 16 hours constitutes a minor.
   2. A minimum of 8 hours shall be selected from Music 111-112, 202 or 204.
   3. Ensemble credit may not be counted in the 16 hours.

Courses of Instruction

History and Literature of Music

103-104. Church Music *6 hours*
The function of music in worship; hymnology. Administration of a music program. This course is designed for all who expect to be associated with church work.

202. Introduction to Music History *2 hours*
An introductory study of music and composers since Bach and Handel, to prepare students for the systematic study of music history. Class meets three times a week.

301-302. Music History and Literature *6 hours*
A survey course of history of music. Emphasis on directly experiencing music through listening, singing and analysis of representative works from each period. Prerequisite: Music 202 or permission of instructor.

303. Church Music Repertoire *3 hours*
A study of church choir materials and their interpretation and use. Sacred solo repertoire. Three lectures per week. Offered on sufficient demand. Prerequisite: Church Music 103-104.

Theoretical Music

Comprehensive work in theoretical music is best attained by taking courses 111-112, 211-212, 313, 311-312, 351-352 in consecutive years.

111-112. Theory I *6 hours*
A course designed to introduce the student to basic musical concepts and give him a basic vocabulary. Fundamentals of music, ear training, keyboard practice, and beginning harmony are integrated. Class meets four times a week, three hours credit.

151-152. Ear Training *No Credit*
For music majors who need additional practice in melodic dictation and sight singing.

211-212. Theory II *6 hours*
The continuation of the work done in the course 111-112 with em-

phasis on advanced harmony. Harmonic analysis of master works, harmonization of figured and unfigured basses and melodies.

311-312. COUNTERPOINT *6 hours*
The art of combining melodies as exemplified in the works of the sixteenth century masters. Music 211 and 212 are prerequisite to this subject. Offered on sufficient demand.

313. THEORY III *3 hours*
Chromatic harmony, advanced harmonic analysis, and individual creative work; integrated with advanced ear training and keyboard practice.

351-352. FORM AND ANALYSIS *4 hours*
Study of musical structure, from the phrase to the higher forms through the analysis of examples from music literature. Offered on sufficient demand.

393-394. SPECIAL PROBLEMS IN THEORY, HISTORY AND LITERATURE OF MUSIC *1-4 hours*
Advanced study in counterpoint, form and analysis, music history and literature. Open by special permission to third- or fourth-year music students.

401-402. COMPOSITION *4 hours*
Analysis of Canon and Fugue and advanced forms of the polyphonic style. Free original composition of vocal and instrumental short forms. 351-352 are prerequisite to this subject. Offered on sufficient demand.

462. ORCHESTRATION *3 hours*
Practice in arranging music for string orchestra and small ensembles. Arranging for wind instruments in combination and for full orchestra and band. Study of ranges and transposition.

Methods

108. FUNDAMENTALS OF MUSIC *2 hours*
Fundamentals of music, with emphasis on their use as tools in elementary music teaching. Practical keyboard will be included.

204. CONDUCTING *2 hours*
Practice in the use of the baton. Observation and study of rehearsal techniques. Problems of the conductor of public school music groups. Practice in score reading. Offered in alternate years.

208. MUSIC METHODS FOR ELEMENTARY TEACHERS *2 hours*
Materials and methods for elementary grades. Emphasis upon the relationship of music with other areas in the elementary school. For elementary education majors only. Prerequisite: 108.

327. MUSIC EDUCATION I *3 hours*
The child voice. Philosophy of music education. Materials and methods for elementary grades. For majors in Music Education.

372. MUSIC EDUCATION II *3 hours*
The adolescent voice; voice class methods; problems, materials and methods in junior and senior high school vocal music.

391. TECHNIQUES IN PIANO TEACHING *2 hours*
A course designed for the piano major; open to others with permission of instructor.

404. ADVANCED INSTRUMENTAL CONDUCTING *3 hours*
Advanced baton technique. The reading and analysis of full scores with practical application by use of the concert band, orchestra and various ensembles. Prerequisites for this course: Music 126, 190, 194, 204. Offered in alternate years.

406. ADVANCED CHORAL CONDUCTING *3 hours*
Review of elementary beat patterns. Study of choral organization and rehearsal techniques. Consideration given to voice classification, tone quality, breath control. Prerequisites for this course: Music 111-112, 211-212, 204. Offered in alternate years.

481. MUSIC EDUCATION III *3 hours*
Organization of school bands, orchestras, instrumental classes. Instructional materials and teaching procedures.

Classes in Applied Music

100. PREPARATORY INSTRUCTION *No Credit*
Preparatory individual instruction in applied music for any student who is not qualified to pass the entrance requirements in voice or any of the instrumental fields.

121-122. VOICE CLASS *2 hours*
For beginners. Fundamentals of production, diction and interpretation of easy song materials. Offered on demand.

125-126. STRING CLASS *2 hours*
For beginners. Fundamentals of string technique. Experience with materials and methods of string class instruction. Required for the Degree of Bachelor of Music Education.

189-190. WOODWIND CLASS *2 hours*
For beginners. Fundamentals of woodwind technique. Experience with materials and methods of woodwind class instruction. Required for the Degree of Bachelor of Music Education.

193. BRASS AND PERCUSSION CLASS *2 hours*

For beginners. Fundamentals of brass and percussion technique. Experience with materials and methods of brass and percussion class instruction. Required for the Degree of Bachelor of Music Education.

Tuition for Applied Music and Ensemble

In addition to the comprehensive fee, the charge for private lessons in piano, voice, organ, string, woodwind or brass instruments is $50.00 a semester for one half-hour lesson a week and $75.00 for two half-hour lessons a week with the same instructor in the same subject. However, if this lesson is taken for credit and becomes an extra hour, the extra hour fee will not be charged. If the lesson is taken for credit and becomes an extra hour (over 17), the extra hour fee will not be charged.

Rate for private lessons for students in the public schools, $50.00 a semester for one half-hour lesson a week.

Glee Clubs, Bands, Brass Choir, Orchestra, and A Cappella Choir will be charged at the rate of $3.00 for each credit hour.

Rental of Organ per Semester

One hour per day $25.00

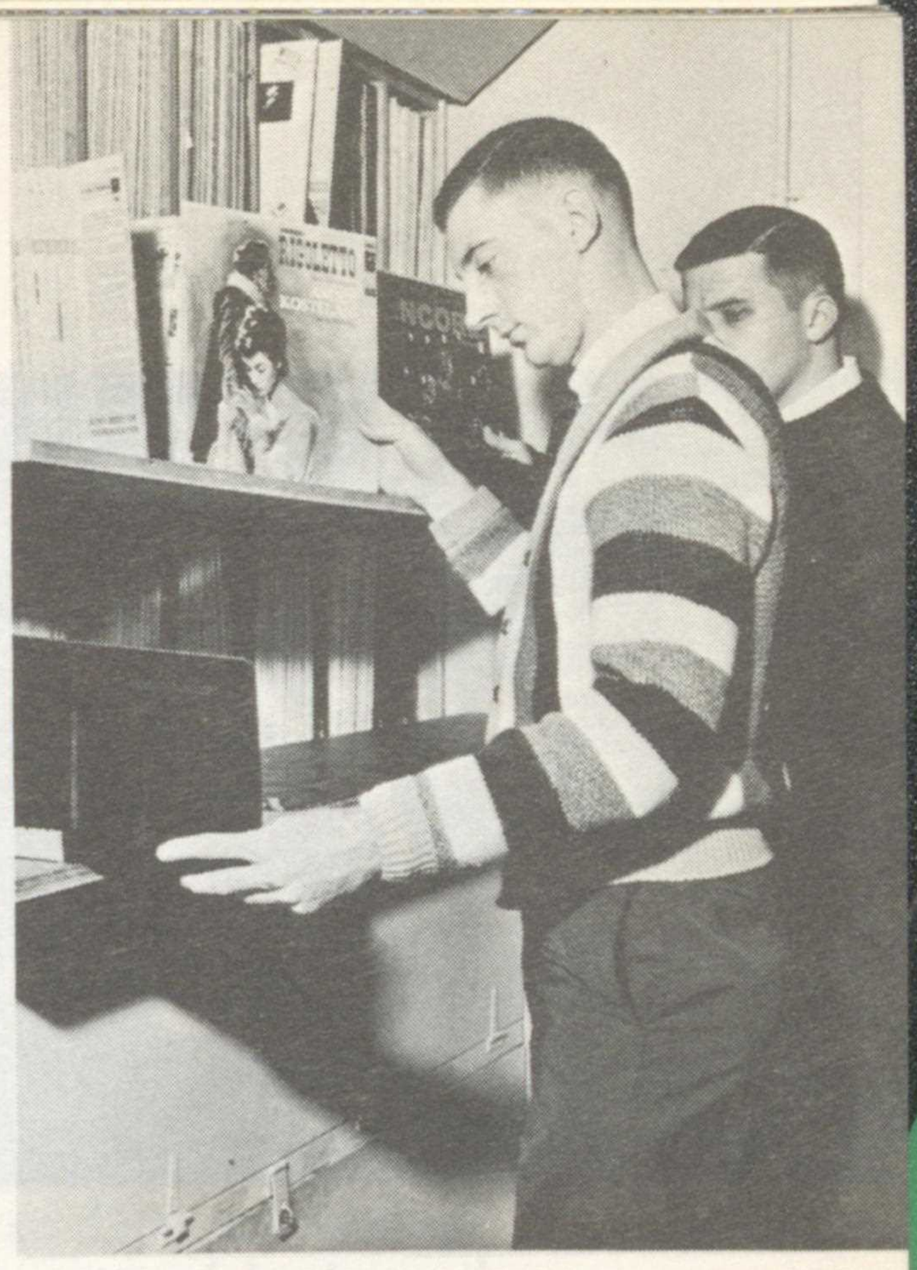
Rental of Piano per Semester

One hour per day $6.00

Private Lessons

Piano—L. Frank, Rhoades	701-702
Piano—P. Frank	705-706
Piano—Smit-Vanrotte	711-712
Organ—L. Frank, Rhoades	713-714
Voice—Chamberlain	717-718
Voice—Daugherty	721-723
Voice—Fenholt	723-724
Violin—Ginter	725-726
Cello—Gerhardt	737-738
Woodwind—Bradley	789-790
Brass—Motycka	793-794

Concert Wind Ensemble



Music Library

Ensemble

Glee Clubs	119 M/W - 120 M/W—2 hours
Vocal Ensemble	119v-120v—2 hours
A Cappella Choir	119AC-120AC—2 hours
Orchestra	127-128—2 hours
Instrumental Ensemble	193i-194i—2 hours
Band	191-192—2 hours
Brass Choir	191i-192i—2 hours

Credit for Senior Recital

Piano	750p—2 hours
Voice	750s—2 hours
Violin	750v—2 hours
Cello	750c—2 hours
Wind	750w—2 hours
Organ	750o—2 hours

Expenses

Each full time student is allowed three private lessons per week in applied music. Students desiring four lessons per week will pay an additional fee of $25.00. The above does not include matriculation, laboratory fees, or rental of instruments.

Bachelor of Arts with Music Major

The candidate in this field may pay the regular semester fee adding the fees for applied music at private rates, or pay the rates for private lessons in applied subjects, adding $25.00 for each hour of academic subjects taken.

The Division of Professional Studies

MR. ADDINGTON, *Chairman*

Departments: Aerospace Studies, Education, Home Economics, Health and Physical Education, and Music Education.

AEROSPACE STUDIES

Col. Grubb, *Chairman* (at Ohio Wesleyan University); Major Comstock, *Acting Chairman;* Captain Hamer, Captain Spence, Sgt. Cromer, Sgt. Page.

Satisfactory completion of the aerospace study courses, summer training programs at Air Force bases and other requirements are prerequisites for a commission in the United States Air Force upon graduation.

The AFROTC provides two programs leading to a commission in the USAF. The regular four-year program is open to qualified freshman male students and consists of a two-year Basic Course and a two-year Advanced Course.

A two-year Advanced AFROTC Program is also available and is designed to fulfill the needs of the qualified college student who desires to enroll in AFROTC but who for a variety of reasons did not choose to enroll initially in the four-year program or who was previously unable to, such as transfer students from other colleges. This may be started in a student's junior year after completing a six-week summer field training course at an Air Force base.

The Air Force uniform and text books are supplied without cost. Students in the advanced aerospace courses are paid a $40.00 monthly retainer fee. Up to $120.00 is paid to those cadets attending the pre-

scribed off-campus summer training in addition to mileage pay. Room and board are furnished by the Air Force for summer training sessions. Students enrolled for future Air Force pilot training are given 36½ hours of flight instruction and may qualify for a private pilot's license during their senior year. Senior students who desire to attend graduate or professional schools may request an educational delay before entering Air Force active duty.

Four-year students are eligible to apply for the Air Force ROTC scholarships in the second semester of their sophomore year.

Air Force ROTC has been authorized a total of 5500 scholarships which will pay each student's tuition, fees, supplies, cost of books, and $50.00 per month. AFROTC awards scholarships in the junior year to be effective for both the junior and senior years. The value of this scholarship to an Otterbein student for a two-year period is currently estimated at $4,500.00

AFROTC is implementing the first 1000 scholarships next year. Otterbein was awarded four of the 1000. Selection is based on academic grade point average for three semesters, score on the AFOQT, and the evaluation of a Scholarship Board composed of Air Force Officers and College officials. Each factor carried approximately the same possible weight and selection is based on best total scores.

AFROTC will increase the total scholarship authorization each year until the total 5500 scholarships are in effect. Otterbein expects to receive from 25 to 27 of the total scholarship authorization. These scholarships are not and will not be based in any respect on need. The number of additional scholarships to be added in academic year 1966-1967 is not known at this time.

Basic Courses (101-102; 201-202) are open to qualified male students. Advanced Courses (301-302; 401-402) are open to qualified male students who have completed the basic course or its equivalent, and are accepted by the Professor of Aerospace Studies. All interested students should confer with a member of the department prior to registration.

General Military Education Program (First two years of the four-year Air Force ROTC program)

101-102. World Military Systems *4 hours*
An introductory course exploring the causes of present world conflict, the role and relationship of overall military power to that conflict, and the role of weapon systems and employment concepts of aerospace power. One hour per week first semester and three hours per week second semester.

Otterbein College

201-202. WORLD MILITARY SYSTEMS *4 hours*

A comparative study of world military forces to include Free World land, naval and air forces; communist bloc military systems and trends in the development, employment and uses of military power as an instrument of a nation's national policy. Three hours per week first semester and one hour per week second semester.

250. FIELD TRAINING

The six week course at an Air Force base. (This course is a prerequisite for cadets entering the two year program. Contact a member of the department for additional information.)

350. FIELD TRAINING

The four week course at an Air Force base. (To be taken by students in the four year program. Contact a member of the department for additional information.)

Professional Officer Education Program (Second two years of the four-year Air Force ROTC program)

301-302. GROWTH AND DEVELOPMENT OF AEROSPACE POWER *6 hours*

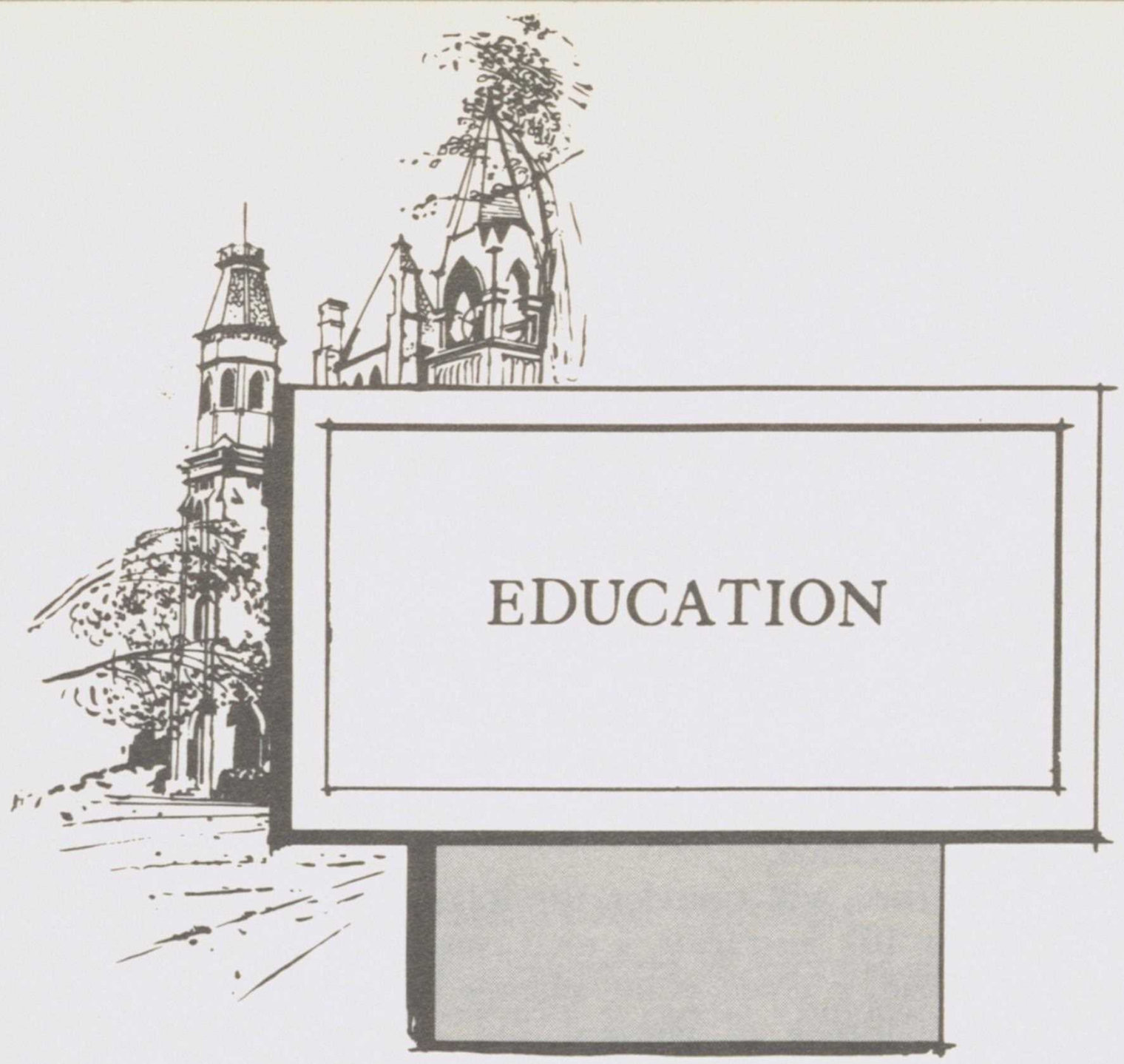
A survey course about the nature of war; development of airpower in the United States; mission and organization of the Defense Department; Air Force concepts, doctrine and employment; astronautics and space operations; and the future development of aerospace power. Three class hours per week for two semesters. One hour of Leadership Laboratory.

401-402. THE PROFESSIONAL OFFICER *6 hours*

A study of the principles of leadership and management and their application to the military profession. Includes military law, leadership theory, functions and practices, management tools, practices and controls. Three class hours per week for two semesters. One hour of Leadership Laboratory.

AEROSPACE LEADERSHIP LABORATORY *1 hour*

Application of leadership principles and techniques in cooperative group activities. Required one hour per week for each semester for all students enrolled in the Department of Aerospace Studies.



EDUCATION

Mr. Addington, *Chairman;* Mrs. Clymer, Mr. Deibel, Mrs. Pagean, Mrs. Stauffer, Mr. Troth, Mr. Witt, Mr. Young.

The broad inclusive aim of the department of education is to help prospective teachers to acquire knowledge, understanding, and attitudes which they will need in order to become successful workers in the public schools. Students who, in completing a course leading to a Bachelor of Arts or Bachelor of Science Degree, have so arranged their work as to meet requirements in education, will receive state teachers' certificates.

The degree of Bachelor of Science in Education is granted to those students who complete the course in elementary education and may be granted to those in secondary education who prefer a professional degree to one in liberal arts. Students who plan to be certified to teach in the elementary schools take their college major in education. Candidates planning to be certified for teaching in high school must meet state requirements in education as well as completing a college major and minor in an academic field.

Students in secondary education must have a major and a minor in areas other than education, but may use education as a second major or minor.

A college major in education consists of twenty-four hours and a college minor of fifteen hours. General Psychology, not to exceed three hours, may be counted toward a college major or minor in education.

Both the secondary and elementary education curricula are designed to meet the requirements of the state laws of Ohio governing the certification of persons to teach in the public schools.

The teacher education program is accredited by the National Council for the Accreditation of Teacher Education (NCATE) and

meets the certification requirements of many states. The program is approved by the State of Ohio for all areas in which work is offered. It is, however, the responsibility of the student to meet the certification requirements of a particular state.

An inter-departmental teacher candidate screening committee will review the applications of students who wish to follow the teacher preparatory program of Otterbein College. Written application is normally made to this committee during the second semester of the sophomore year. Forty semester hours of work must have been completed prior to submitting an application.

The committee will consider the following: the recommendation of the Education 101 instructor, a total cumulative grade point average of 2.000 or above, a grade point average of 2.000 or above in each teaching area, evidence of physical and emotional fitness to teach, evidence of freedom from hearing and speech defects that would handicap teaching ability, a grade of "C" or above in English 101 and 102. Students not qualifying on the first application may reapply after they meet the requirements.

The professional semester may be either the first or second semester of the senior year. Secondary education students will take Education 202, 203 and 425 in the first one-half of the semester and Education 431 and 437 in the second one-half of the semester. Elementary education students will take Education 203, 355 and 466 the first one-half and Education 461 and 467 the second one-half of the semester. The professional semester provides for a full school day of student teaching for one-half semester. Only the courses listed here should be taken during the professional semester.

Prerequisities: approval of the Teacher Candidate Screening Committee, a grade point average of 2.000 or above, senior standing, credit in Psychology 101 and a methods course.

General and Secondary Courses

The following specific courses are required of all students desiring to qualify for certification in Secondary Education: Psychology 101; Education 101, 202, 203, 425-426, 431, Speech 101, and Special Methods in the academic field chosen by the student. The student must also complete from one to three teaching fields in consultation with his adviser.

101. INTRODUCTION TO EDUCATION *3 hours*

An orientation course intended to give the student a broad overview of the educational system and the necessary steps in preparing to be a teacher.

202. THE TEACHER AND SCHOOL ADMINISTRATION *3 hours*

The purpose of this course is to develop an understanding of the place of the public school in American society and in understanding the means by which the people administer their schools. The responsi-

bility of teachers to the public they serve and the place of teachers in the machinery of school administration are important parts of this course. Offered in the professional semester.

203. EDUCATIONAL PSYCHOLOGY *3 hours*

It is the purpose of this course to assist the student, who has had a basic training in general psychology, in applying psychological principles to problems of human welfare and happiness through the medium of contemporary education. Prerequisite: Psychology 101. Offered in the professional semester.

307. TESTS AND MEASUREMENTS FOR TEACHERS *2 hours*

A survey of the history and development of educational measurements and their educational function with a careful examination of methods of their implementation in actual learning situations. A major emphasis of this course is the preparation or selection of a testing program in the prospective teachers' subject areas of study as a fundamental basis for educational prognosis, evaluation and guidance services.

401. AUDIO-VISUAL RESOURCES *2 hours*

All forms of audio-visual materials are considered in their relationship to the learning process. Time is provided for the student to gain experience in the selection, utilization and evaluation of audio-visual teaching materials along with the solution of a learning situation, in order to illustrate good usage of materials and effective procedures.

The course also makes provision for gaining understanding and competency in the operation of essential equipment and facilities related to the program.

425. PRINCIPLES AND TECHNIQUES OF CLASSROOM PROCEDURES *3 hours*

(General Methods with Observation.) This course is designed to give the student familiarity with the various problems of the classroom and acquaint him with the various methods and devices which have been employed or suggested for dealing with these problems. There will be a general survey of literature of classroom technique. Offered in the professional semester.

431. STUDENT TEACHING, SECONDARY FIELD *6-8 hours*

Experience in teaching in a public high school under the supervision of cooperating teachers and a college supervisor. Mut be done under the supervision of Otterbein College. Offered in the professional semester.

437. STUDENT TEACHING SEMINAR *1 hour*

Taken with student teaching in the professional semester.

491-492. ADVANCED PROBLEMS AND BIBLIOGRAPHY *Credit to be Arranged*

SPECIAL METHODS

Courses in special methods are offered in the following departments: Art, Biology, Chemistry, English, Foreign Language, History and the Social Sciences, Home Economics, Mathematics, Music, Health and Physical Education, Physics, and Speech. These courses should be taken in the junior year. For description, see the department concerned.

Elementary Courses

The following specific courses are required of students who desire to be certified to teach in the elementary schools: Education 101, 203, 258, 351, 352, 353, 355, 356, 461, and 466; Psychology 101; Art 101, 281; English 101-102, 203-204; Mathematics 107; Music 108, 208; Geography 101; Sociology 201-202; History 101-102, 201-202; Biology 111-112; Physical Science 101; Physical Education 101-102, 201-202, 203, 313; Speech 101; Humanities 201-202; Religion 201-202.

258. TEACHING PARTICIPATION *2 hours*

Laboratory experiences and seminar involving a study of classroom problems and modern school practices in the public schools. Prerequisite: Education 101, Psychology 101.

351. METHODS, LANGUAGE ARTS *3 hours*

Includes language arts, oral and written expression, creative writing, and the techniques of the teaching of reading.

352. FUNCTIONAL ARITHMETIC *3 hours*

A study of specific methods of instruction and criteria for determining a functional arithmetic program for the primary and intermediate grades. Prerequisite: Mathematics 107.

353. CHILDREN'S LITERATURE *3 hours*

An introduction to folk literature, children's classics, poetry, and the various phases of modern prose for children. Emphasis is placed on selection of appropriate books for children of different ages and evaluation of book content. Experience in story telling and oral reading.

355. METHODS, CONTENT SUBJECTS *3 hours*

Includes the planning, organization, resources, and possible activities of typical units of study at various age levels. Offered in the professional semester.

356. CHILD GUIDANCE *3 hours*
The developmental preventive aspect of guidance through an understanding of child growth and development. Prerequisite: Psychology 101.

357. THE KINDERGARTEN-PRIMARY CURRICULUM *3 hours*
Designed for students preparing to teach in kindergarten or first grade. Consideration given to curriculum, records, reports and home relationships, teaching aids, and social adjustments.

461. STUDENT TEACHING, ELEMENTARY FIELD *6-8 hours*
Actual experience in an elementary school under the supervision of a classroom teacher and college supervisor. Must be done under the supervision of Otterbein College. Offered in the professional semester.

466. ORGANIZATION MANAGEMENT AND CURRICULUM DEVELOPMENTS *3 hours*
Designed to summarize basic principles of education as established

467. STUDENT TEACHING SEMINAR *1 hour*
Taken with student teaching in the professional semester.
in preceding courses and experiences, and teacher responsibility for in-service growth. Offered in the professional semester.

SPECIAL EDUCATION

The following courses lead to Ohio certification of Teachers of Slow Learning Children. The courses are offered in evening or summer school classes as a service to employed teachers. All candidates for these special education classes must hold regular certification or qualify for regular certification at the time of graduation. Students not yet graduated will be limited in the number of hours of professional education that may be counted toward graduation. Elementary may count no more than thirty-four semester hours and secondary may count no more than twenty-three semester hours.

485. EDUCATION OF EXCEPTIONAL CHILDREN *3 hours*
An introduction study of academically gifted, slow learning, physically and sensory handicapped children.

487. EDUCATION OF SLOW LEARNING CHILDREN *3 hours*
A study of the psychological, physiological and educational aspects of slow learning children.

493. CURRICULUM PLANNING FOR SLOW LEARNING CHILDREN—LANGUAGE ARTS *3 hours*
A study of the curriculum for slow learning children in the areas of language arts and reading.

494. PROGRAM DEVELOPMENT FOR SLOW LEARNING CHILDREN—ARITHMETIC AND SOCIAL STUDIES *3 hours*

A study of programs for slow learning children with emphasis on arithmetic and social studies.

495. INSTRUCTIONAL MATERIALS FOR SLOW LEARNING CLASSES *2 hours*

A study of the preparation, adoption and selection of materials effective in teaching slow learning children.

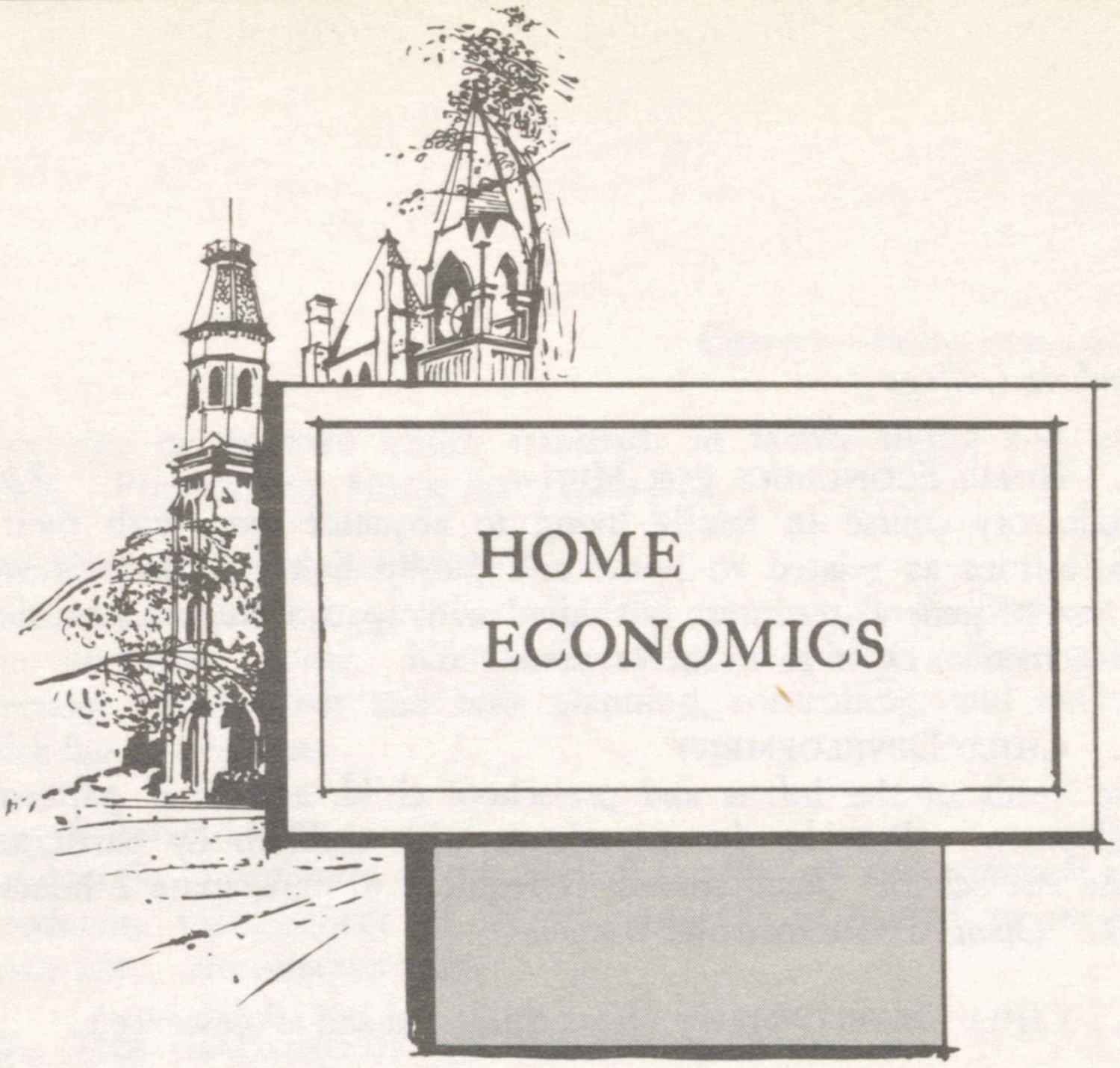
496. OCCUPATIONAL ORIENTATION AND PREPARATION *2 hours*

A study of occupations open to slow learning persons and preparation required for employment.

STUDENT TEACHING

Students not graduated will take a minimum of eight hours of student teaching, four of which will be in classes of slow learning students. Certified candidates will take a minimum of six hours of student teaching in classes of slow learning children unless this requirement is waived because of teaching experience.

Student Teacher With Pupils



Mrs. Joyce, *Chairman;* Mrs. Gill, Mrs. Settles.

The curriculum in Home Economics is designed to provide an educational program for home and family living.

Students who major in home economics are prepared for teaching, and for positions in the commercial field. Basic courses are provided for those who desire training in dietetics, food service, and nursery school work.

A major in Home Economics consists of 24 hours, including 101, 102, 205, 206, 211, 212, 216, 312, 315, 316 and 401, Fine Arts 121 and Sociology 204. To qualify for a teaching certificate, six additional hours are required: 302 and 304. A minor consists of 15 hours, including one course from each area.The course of study for a major or a minor must be arranged with the consent of the head of the department.

Students who are interested in teaching home economics may qualify for either of the liberal arts degrees, B.A. or B.S., or for a professional degree, B.S. in Ed.

101. TEXTILES *3 hours*

Study of fibers, yarns, fabrics in relation to cost, maintenance, durability, and applicability. Emphasis on basic manufacturing of man-made fibers and the special finishes on natural fibers. Open to men and women.

102. CLOTHING CONSTRUCTION *3 hours*

Study of economic, fashion, and social factors in clothing selection and construction relative to maintenance, cost, physiological and psychological factors. Basic construction problems. Open to men and women.

104. HOME ECONOMICS FOR MEN *2 hours*
Introductory course in family living to acquaint men with their responsibilities as related to home and family living in today's world. The use of general resources is studied with special emphasis on money management. Open to all men students.

205. CHILD DEVELOPMENT *2-3 hours*
Basic needs of the infant and pre-school child, and their patterns of development. Provides for experience with children by participation in the Pre-School. Each student is required to participate 2 hours per week. Open to both men and women.

206. CHILD DEVELOPMENT (later childhood and adolescence) *2 hours*
Fundamental principles related to development and guidance. Open to both men and women students. Recommended for secondary teachers.

211-212. FOODS AND NUTRITION *6 hours*
History of technological advance in foods and nutrition and the effects on modern living. Study of preparation and serving of food to ensure physical, social and intellectual well-being of the family. Open to both men and women.

216. HOME FURNISHINGS *2 hours*
Selection and maintenance of home furnishings through applying principles of art and economics as related to social factors, family life, and personal interest. Open to both men and women.

302. ADVANCED FOODS *3 hours*
Emphasis on food preparation, management and demonstrations. Prerequisite: Home Economics 212.

304. ADVANCED CLOTHING *3 hours*
Advanced study of economic, social, and fashion factors in clothing. Clothing construction, including tailoring. Prerequisite: Home Economics 102 or satisfactory score on proficiency test.

305. HOUSEHOLD EQUIPMENT *3 hours*
Laws of physics and chemistry and principles of art underlying the design and fabrication processes of household appliances. Emphasis on the effects of work simplification as it influences social and economic aspects of family living. Alternate years.

312. ADVANCED NUTRITION *3 hours*
Study of recent research in human nutrition and application of such

knowledge to improve health standards in family living and in our nation. Prerequisite: Home Economics 212.

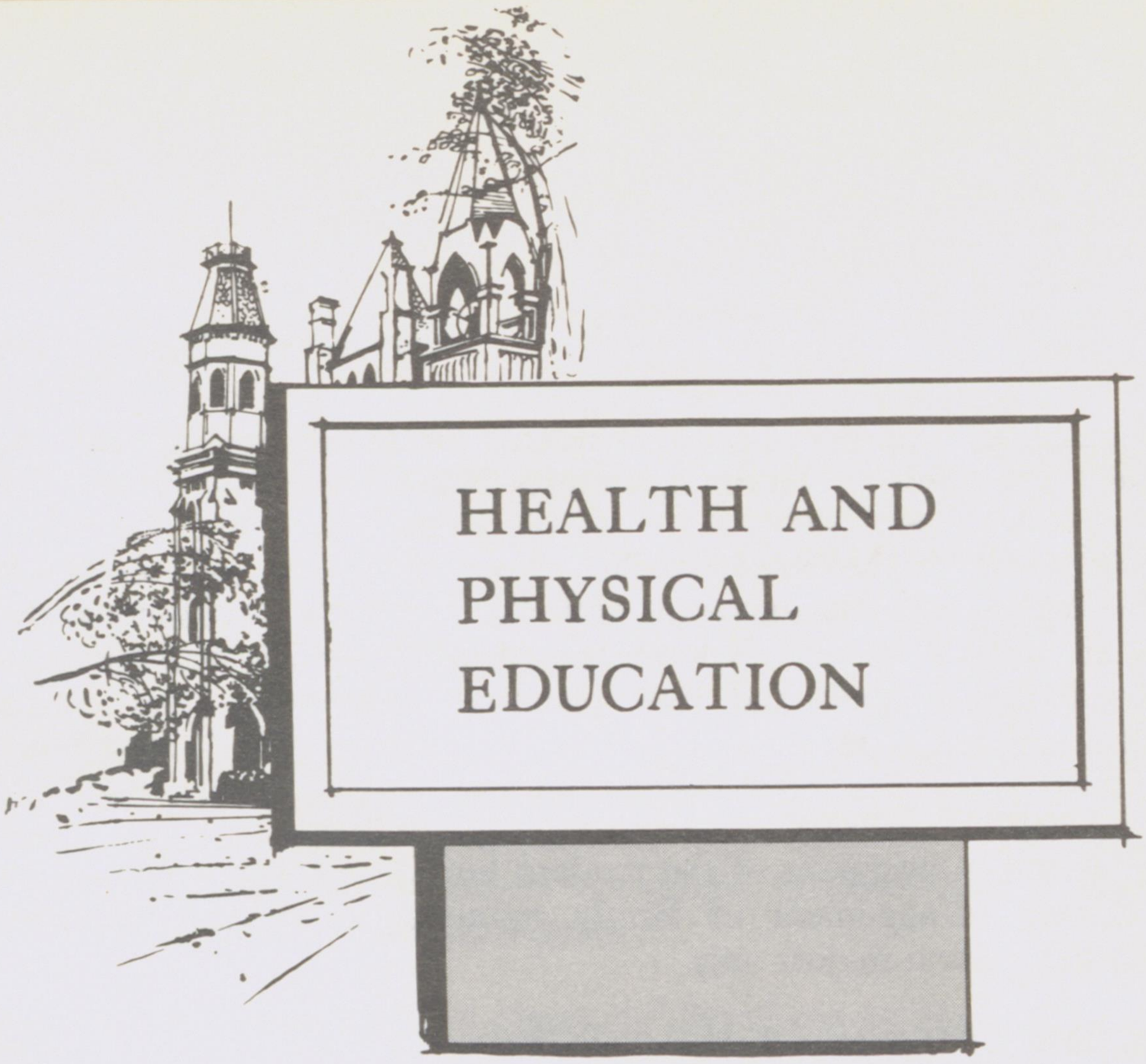
315-316. HOME MANAGEMENT *4 hours*
Understanding of management and the intellectual challenge it presents in today's home. Knowledge of philosophies, values, attitudes affecting family goals and how planning, controlling, and evaluating aid in use of resources.

317. FAMILY LIVING *2 hours*
Introduction to problems of the modern family. A non-technical course introducing management of family resources as related to successful family life. Non-majors only.

320. THE TEACHING OF HOME ECONOMICS *3 hours*
The planning of courses and effective presentation methods in relation to motivation, needs, and interests of pupils. For majors and minors only.

401-402. HOME ECONOMICS SEMINAR *1-2 hours*
To familiarize those majoring in home economics with needed research and to introduce the results of recent research in home and family living. Required of all seniors majoring in home economics.

Professor, Student Confer



HEALTH AND PHYSICAL EDUCATION

Women's Division: Miss Day, *Acting Chairman;* Miss Jensen, Mrs. Sabock, Miss Tyler, Miss VanSant.

Men's Division: Mr. Tong, *Acting Chairman;* Mr. Agler, Mr. Lintner, Mr. Parsons, Mr. Yoest.

A college major in health and physical education consists in the women's division of thirty-one hours and in the men's division of thirty-four hours. These majors satisfy the twenty-four hour secondary teaching area in Ohio. A college minor in both divisions is eighteen hours. Physical Education 101, 102, and 201, 202 do not count toward the major or minor in either division. These minors do not certify a person to teach.

A special provisional certificate in health and physical education is granted to both men and women who complete forty-one to forty-four hours of prescribed courses. This certificate qualifies students to teach either at the elementary or secondary level in Ohio. For the special provisional certificate both divisions require: Biology 221, Physical Education 203, 204, 301, and 302, 303, 304, 313, 325, and 326. In addition to these 309, 310, 314 and 317 are required in the women's division and 205, 305, 306, 307, 311 and 315 in the men's division.

For a college major in the men's division it is necessary to take: Biology 221, Physical Education 203, 204, and 205, 301 or 302, 303 or 304, 305, 306, and 307, 311, 313, and 325.

The college major in the women's division requires: Biology 221, Physical Education 203, 301, 302, and 304, 309, 310, 313, 314, and 325. For a minor in the women's division it is necessary to take Physical Education 203, 301, 302, 309, 310, and 313.

101-102. FRESHMEN (MEN) *2 hours*

Two hours per week are spent in activities which will provide carry-over value and prepare students for participation in a selective program in physical education 201-202. Activities included are touch football, golf, archery, volleyball, basketball, tumbling, gymnastics, track and field, softball, badminton and tennis.

201-202. SOPHOMORES (MEN) *2 hours*

Two hours per week are spent in selected activities to develop greater proficiency and carry-over value. Activities included are archery, bowling, golf, gymnastics, tennis, volleyball, weightlifting, and badminton.

101-102. and 201-202. APPLIED HEALTH, PHYSICAL EDUCATION, AND RECREATION (WOMEN) *4 hours*

A lecture-discussion-laboratory course. Two hours per week are spent in individual, team, or rhythmic activities which are selected each eight weeks from the following: archery, badminton, basketball, bowling, canoeing, fencing, field hockey, folkdancing, golf, gymnastics, lacrosse, modern dance, outing, social dance, square dance, tennis, volleyball, and winter sports. One hour per week is spent in the classroom discussing pertinent aspects of health, physical education and recreation.

203. PERSONAL HEALTH *3 hours*

A study of the various conditions and factors, as related to the individual, which affect health.

204. COMMUNITY HEALTH *3 hours*

A consideration of factors in the community that affect the health of the residents.

205. METHODS AND MATERIALS FOR GYMNASTICS AND TUMBLING *3 hours*

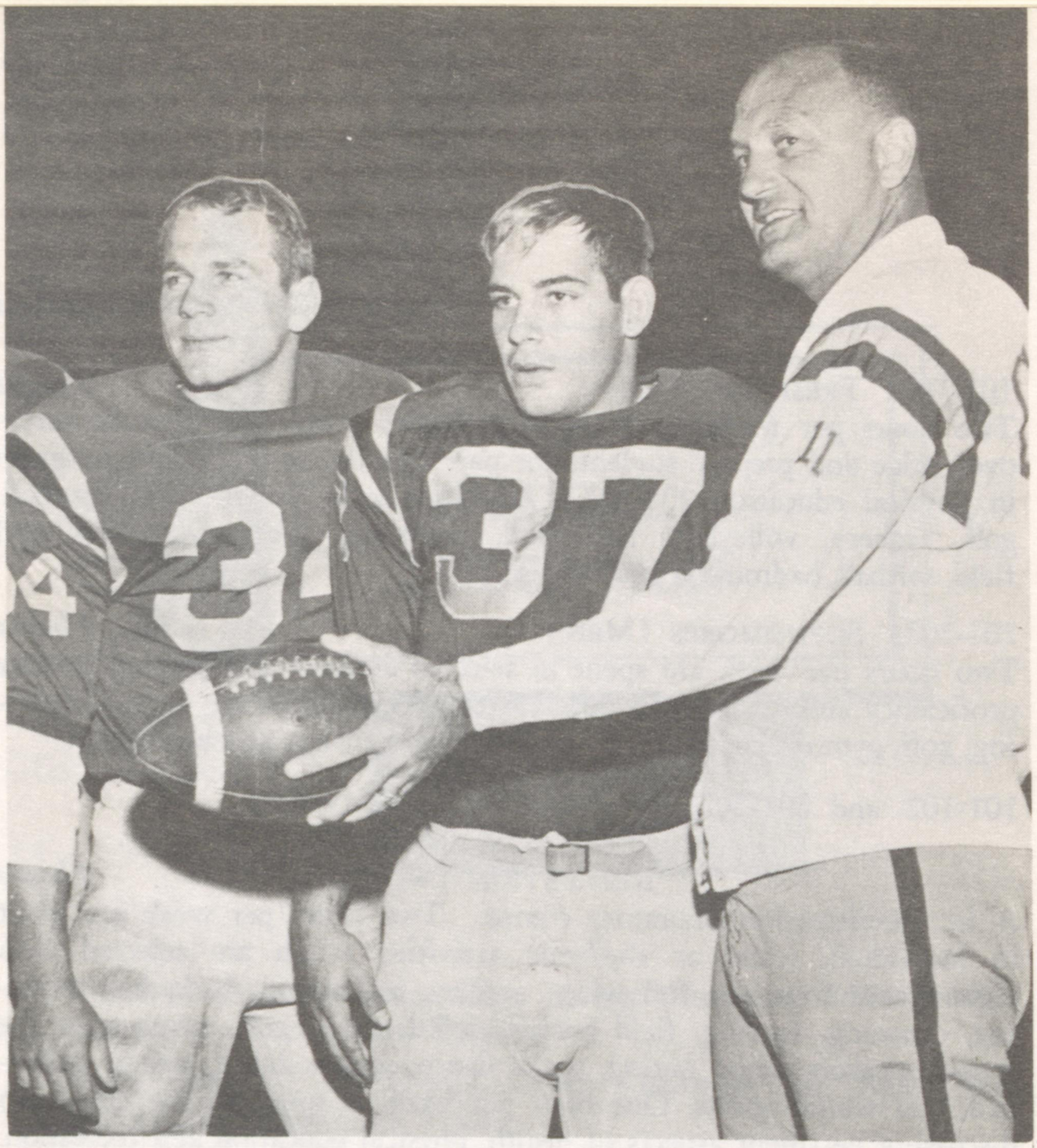
Designed for the study of problems, materials and techniques involved in teaching gymnastics and tumbling in a physical education program. Special emphasis upon exhibitions and physical activity demonstration.

301. PRINCIPLES OF PHYSICAL EDUCATION *3 hours*

The origin and nature of physical education as a developmental experience. Offered in alternate years.

302. THE ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION *3 hours*

A study of the organization of the physical education program, and the principles and problems relating to its organization. Offered in alternate years.



Football Coach Instructs Players

303. ORGANIZATION AND ADMINISTRATION OF SCHOOL HEALTH EDUCATION *3 hours*

A study of the organization of the school health program on the elementary and secondary levels with emphasis on healthful school living and health services. Prerequisite: Physical Education 203. Offered in alternate years.

304. THE TEACHING OF HEALTH *3 hours*

Principles, methods and materials in the teaching of health. Prerequisite: Physical Education 203. Offered in alternate years.

305. THE TEACHING OF FOOTBALL *2 hours*

A study in the theory, methods and mechanics of coaching football. Open only to sophomores, juniors and seniors. Offered in alternate years.

306. THE TEACHING OF BASEBALL AND TRACK *3 hours*

A study in the theory, methods and mechanics of coaching baseball and track. Open only to sophomores juniors and seniors.

307. THE TEACHING OF BASKETBALL *2 hours*

A study in the theory, strategy and methods of coaching basketball. Open only to sophomores, juniors and seniors. Offered in alternate years.

309-310. SPORTS' TECHNIQUE *6 hours*
Principles, methods of teaching, organizing and officiating individual and team sports for girls. Offered in alternate years.

311. THEORY AND PRACTICE OF PHYSICAL EDUCATION ACTIVITIES *2 hours*
This course is designed for those preparing to teach physical education in high school.

313. THE ELEMENTARY SCHOOL PHYSICAL EDUCATION PROGRAM *3 hours*
A study of the elementary school child and the elementary school physical education program. The teaching of movement exploration, games of low organization, rhythmic activities, and self-testing activities is emphasized.

314. ADVANCED THEORY AND PRACTICE OF RHYTHMIC ACTIVITIES, STUNTS AND TUMBLING *3 hours*
An advanced study of basic rhythmic activities, stunts, tumbling and creative dance. Prerequisite: Physical Education 313. Offered in alternate years.

315. THE TREATMENT OF ATHLETIC INJURIES *2 hours*
This course will deal with the recognition, prevention and care for the wide variety of injuries common to the athlete.

317. FIRST AID *2 hours*
A course in Red Cross First Aid offering both the Standard and Advanced Certificate. Open to juniors and seniors with permission of the instructor.

319. BASKETBALL OFFICIATING *1 hour*
A study of the basketball rules, their implications and interpretation and mechanics of officiating. Individuals may become registered officials of the Ohio High School Athletic Association.

320. FOOTBALL OFFICIATING *1 hour*
A study of the football rules, their implications and interpretations and mechanics of officiating. Individuals may become registered officials of the Ohio High School Athletic Association.

325. KINESIOLOGY *2 hours*
A study of the anatomic fundamentals of human motion, the mechanics of human motion, and applied principles of basic motor skills. Offered in alternate years.

326. INDIVIDUAL AND ADAPTED PHYSICAL EDUCATION *2 hours*
The study of individual physical education for the exceptional child. Offered in alternate years. Prerequisite: Physical Education 325.

Registers

BOARD OF TRUSTEES

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Vice Chairman—L. William Steck, B.A., M.A. — Westerville, Ohio
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Assistant Secretary—
Miss Mary B. Thomas, B.A., M.A. — Westerville, Ohio

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Rev. Harold V. Lindquist, B.A., B.D., D.D., Erie, Pa. — 1968

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Ohio East Conference

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Richard K. Siller, Rocky River 16, Ohio — 1968

Ohio Miami Conference

Ralph L. Pounds, B.S., M.A., Ph.D., Cincinnati, Ohio — 1966
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Rev. Murn B. Klepinger, B.A., B.D., D.D., Dayton, Ohio — 1968

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George Gilts, Findlay, Ohio — 1968

Ohio Southeast Conference

Rev. William L. Snider, B.A., B.D., Columbus, Ohio — 1966
Rev. Clayton F. Lutz, B.A., B.D., D.D., Columbus, Ohio — 1967
Rev. Millard J. Miller, B.A., B.D., D.D., Westerville, Ohio — 1968

Tennessee Conference

Rev. James Castro Smith, B.A., D.D., Knoxville, Tennessee — 1966
Rev. Lee A. Cate, B.S., B.D., Clarksville, Tennessee — 1967

Western Pennsylvania Conference

Rev. George Biggs, B.A., B.D., D.D., Johnstown, Pa. — 1966
Paul D. Walter, B.A., M.A., Ph.D., Johnstown, Pennsylvania — 1967
Rev. Elmer A. R. Schultz, B.A., B.D., D.D. Johnstown, Pa. — 1968

WEST VIRGINIA CONFERENCE

Rev. Ray N. Shaffer, B.A., D.D., Parkersburg, W. Va.	1966
Rev. Robert E. Dille, B.A., B.D., West Union, West Virginia	1967
Mrs. Avery E. Gaskins, B.S., Salem, West Virginia	1968

TRUSTEES-AT-LARGE—Terms expire with the annual meeting of the Board.

Richard Allaman, B.A., Dayton, Ohio	1965
Verda B. Evans, B.A., M.A., L.H.D., Cleveland, Ohio	1965
Emerson C. Shuck, B.A., M.A., Ph.D., Litt.D., Delaware, Ohio	1966
Mary B. Thomas, B.A., M.A., Westerville, Ohio	1966
Virgil O. Hinton, B.A., LL.B., Canton, Ohio	1967
Roger K. Powell, B.A., LL.B., Columbus, Ohio	1967
James R. Riley, LL.D., Columbus, Ohio	1968
George H. Dunlap, Sunbury, Ohio	1968
Bishop Paul M. Herrick, M.A., B.D., D.D., LL.D., Dayton, Ohio	1969
Mrs. E. S. Kern, B.A., Columbus, Ohio	1969

ALUMNI TRUSTEES

Mrs. F. O. Clements, L.H.D., Westerville, Ohio	1966
E. N. Funkhouser, Jr., B.S., M.A., LL.D., New York, N.Y.	1966
Philipp L. Charles, B.A., LL.B., APO, New York, N.Y.	1967
Donald R. Martin, B.A., M.S., Ph.D., Euclid, Ohio	1967
Harold L. Boda, B.A., M.A., D.Ed., Dayton, Ohio	1968
Homer D. Cassel, B.A., M.D., F.A.C.P., Dayton, Ohio	1968
Judge Horace W. Troop, B.A., M.A., LL.B., LL.D., Westerville, O.	1969
L. William Steck, B.A., M.A., Westerville, Ohio	1969
Earl R. Hoover, B.A., LL.B., LL.D., Cleveland, Ohio	1970
Herman F. Lehman, B.S., LL.D., L.H.D., Dayton, Ohio	1970

ADVISORY TRUSTEE

Bishop J. Gordon Howard, B.A., B.D., M.A., D.D., LL.D., Pittsburgh, Pa.

HONORARY TRUSTEES

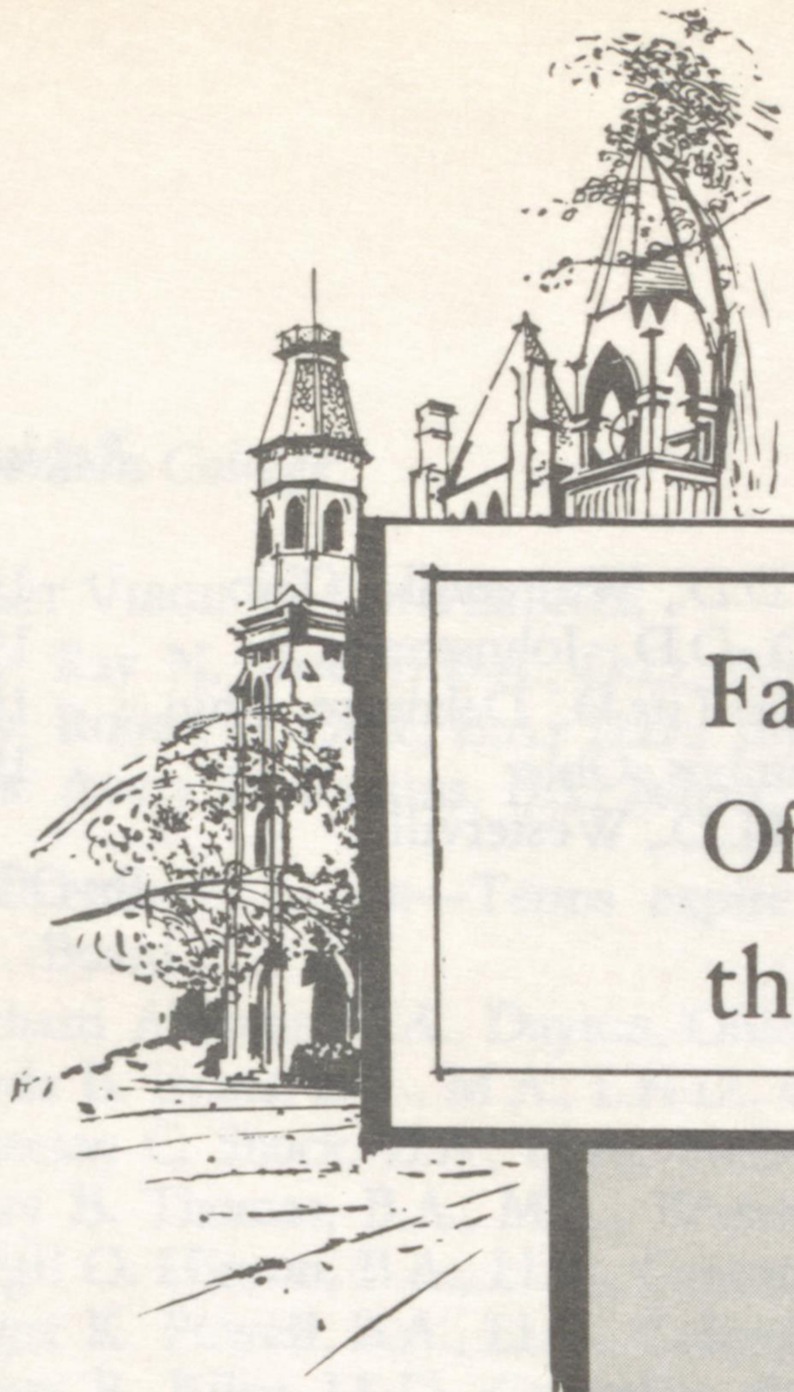
Homer B. Kline, B.A., LL.D., Birmingham, Mich.
Elmer N. Funkhouser, B.A., LL.D., L.H.D., Hagerstown, Maryland

EXECUTIVE COMMITTEE

Harold L. Boda, Chairman

Harold L. Boda, B.A., M.A., D.Ed., Dayton, Ohio	1965
Mrs. F. O. Clements, L.H.D., Westerville, Ohio	1965
E. N. Funkhouser, Jr., B.S., M.A., LL.D., New York, N.Y.	1965
Herman F. Lehman, B.S., LL.D., Dayton, Ohio	1965
L. William Steck, B.A., M.A., Westerville, Ohio	1965
Homer D. Cassel, B.A., M.D., F.A.C.P., Dayton, Ohio	1966
Rev. Murn B. Klepinger, B.A., B.D., D.D., Dayton, Ohio	1966

	Registers
Rev. Millard J. Miller, B.A., B.D., D.D., Westerville, Ohio	1966
Rev. Elmer A. R. Schultz, B.A., B.D., D.D., Johnstown, Pa.	1966
Emerson C. Shuck, B.A., M.A., Ph.D., Litt.D., Delaware, Ohio	1966
Roger K. Powell, B.A., LL.B., Columbus, Ohio	1966
Lynn W Turner, B.A., M.A., Ph.D., LL.D., Westerville, Ohio	Ex-Officio



Faculty and Officers of the Faculty

EMERITUS LIST

WALTER R. BAILEY
Associate Professor of Mathematics
B.S., Otterbein College, 1911
1946-1955; Jan. to June, 1956; Jan. to June, 1959

LULA MAY BAKER
Assistant Professor of Music
B.A., Otterbein College, 1896; Diploma in Music, Otterbein College, 1898; B.Mus., Otterbein College, 1916
1903-1944

WILLARD WILLIAM BARTLETT
Professor of Education
B.S., Colgate University, 1910; M.A., Columbia University, 1916; Ph.D., The Ohio State University, 1933; Certificat d'Etudes Francaises, Universite de Toulouse, 1939
1936-1946

LYLE JORDAN MICHAEL
Professor of Chemistry
B.S., Otterbein College, 1919; M.S., The Ohio State University, 1920; Ph.D., The Ohio State University, 1929
1937-1964

ALBERT JAMES ESSELSTYN
Professor of Chemistry
B.S., Alma College, 1915; M.S., Cornell University, 1926
1928-1961

BENJAMIN CURTIS GLOVER
Professor of Mathematics
B.S., Northwestern University, 1907; M.A., University of Chicago, 1925
1919-1950

FRED ARTHUR HANAWALT
Professor of Biology and Geology
B.S., Otterbein College, 1913; M.S., The Ohio State University, 1921
1920-1955

JAMES HARVEY MCCLOY
Professor of Physics and Astronomy
B.S., Purdue University, 1913; M.S., The Ohio State University, 1923
1913-1960

HAROLD LORIN MCMILLAN
Professor of Education
B.S., in Ed., The Ohio State University, 1925; M.A., The Ohio State University, 1926
1946-1958

ROYAL FREDERICK MARTIN
Vice-President and Professor of Physical Education
B.P.E., Springfield College, 1911; B.A., Otterbein College, 1914; M.Ed., Springfield College, 1935; LL.D., Otterbein College, 1951
1913-1917; 1919-1958

GILBERT EMORY MILLS
Professor of Foreign Languages
B.A., Otterbein College, 1920; M.A., The Ohio State University, 1928; Ph.D., The Ohio State University, 1955
1920-1963

MRS. MARGUERITE ELAINE NELSON
Associate Professor of English
B.A., Hiram College, 1916; M.S., Indiana University, 1939
1947-1963

ALZO PIERRE ROSSELOT
Professor of History and Government
B.A., Otterbein College, 1905; M.A., Otterbein College, 1908; M.A., University of Wisconsin, 1909; Ph.D., The Ohio State University, 1933
1905-1952; 1953-1961

EDWARD WALDO EMERSON SCHEAR
Professor of Biology and Geology
B.A., Otterbein College, 1907; M.A., Columbia University, 1915; Ph.D., The Ohio State University, 1928
1912-1951

JOHN FRANKLIN SMITH
Professor of Speech
B.A., Otterbein College, 1910; M.A., The Ohio State University, 1920
1927-1950

FLOYD JOHNSON VANCE
Registrar and Assistant to the President
B.A., Otterbein College, 1916; M.A., The Ohio State University, 1925
1921-1964

LENA MAY WILSON
Associate Professor of Foreign Languages
B.A., Wooster College, 1916; M.A., The Ohio State University, 1932
1946-1964

ACTIVE LIST

LYNN WARREN TURNER
President of the College, Professor of History
B.A., Indiana Central College, 1927; M.A., Indiana University, 1932; Ph.D., Harvard University, 1943; LL.D., Indiana Central College, 1958
1958-

JAMES VINCE MILLER
Academic Dean, Professor of Religion and Philosophy
B.A., Indiana Central College, 1942; B.D., United Seminary, 1945; Ph.D., Boston University, 1955
1964-

PAUL HERMAN ACKERT
Associate Professor of Religion and Philosophy
B.A., Albright College, 1941; B.D., United Theological Seminary, 1944; M.Ed., University of Pittsburgh, 1950; Ph.D., University of Pittsburgh, 1957
1954-

CHESTER LUTHER ADDINGTON
Associate Professor of Education
B.S., Ball State Teachers College, 1952; M.A., Ball State Teachers College, 1954; Ed.D., Indiana University, 1961
1961-

ROBERT AGLER
Assistant Professor of Physical Education, Director of Athletics and Football Coach
B.A., Otterbein College, 1948; M.A., The Ohio State University, 1961
1953-

WILLIAM OLIVER AMY
Assistant Professor in Religion and Greek
B.A., University of Western Ontario, 1951; B.D., Evangelical Theological Seminary, 1954; S.T.M., Biblical Seminary, 1955
1962-

FREDERIC RICHARD BAMFORTH
Professor of Mathematics
B.A., Queen's University, 1921; M.A., Queen's University, 1922; Ph.D., The University of Chicago, 1927
1950-58, 1962-

PHILIP EVERETT BARNHART
Assistant Professor of Physics and Astronomy
B.A., Manchester College, 1952; M.A., Indiana University, 1955
1959-

CAROLE WRIGHT BOHN
Instructor in Chemistry
B.E., B.S., University of Toledo, 1963; M.S., University of Toledo, 1965
1965-

CHARLES WESLEY BOTTS
Associate Professor of Biology and Geology
B.S., Otterbein College, 1934; M.S., The Ohio State University, 1939
1940-1946; 1947-

ALAN L. BRADLEY
Assistant Professor of Music
B.A., Knox College, 1956; M.Mus., Indiana University, 1957
1960-

CHARLES BENJAMIN BUFFINGTON
Instructor in Foreign Languages
B.A., University of the Americas, 1961; M.A., University of the Americas, 1963
1964-

DONALD CARL BULTHAUP
Assistant Professor of Physics
B.S., Indiana Central College, 1952; M.S., Michigan State University, 1962
1963-

MRS. DOROTHY LOEW CAMERON
Assistant Professor of Physics
Instructor in Foreign Languages
B.A., Indiana University, 1954; M.A., The Ohio State University, 1961
1963-

JAMES EDWARD CARR
Assistant Professor of Foreign Languages
B.A., Emmanuel Missionary College, 1958; M.A., Kent State University, 1959
1965-

RICHARD HOLDEN CHAMBERLAIN
Associate Professor of Music
B.S. Mus., Houghton College, 1939; M.Mus., North Texas State College, 1941
1960-

NORMAN RICHARD CHANEY
Instructor in English
B.A., Indiana Central College, 1960; M.A., Indiana University, 1963; B.D., Yale University, 1964
1964-

MRS. HELEN MARIE CLYMER
Principal of the Laboratory School
B.A., Otterbein College, 1938
1953-

WILLIAM GEORGE COMSTOCK, MAJOR
Professor of Aerospace Studies
O.D., Southern College, 1948; B.S., Siena College, 1950; M.B.A., University of Pittsburgh, 1960
1962-

JOHN KNOX COULTER, JR.
Associate Professor of English
B.A., Transylvania College, 1952; Ph.D., Indiana University, 1965
1956-

LARRY EUGENE COX
Instructor in Psychology
B.A., Olivet Nazarene College, 1960
1965-

KEITH DEMPSTER CRANE
Associate Professor of Chemistry
B.S., Michigan State College, 1930; M.S., Michigan State College, 1936
1947-

RICHARD ARTHUR DANNENFELSER
Instructor in Religion
B.A., College of Wooster, Ohio, 1959; B.D., Yale University Divinity School, 1962
1965-

ROBERT GLEN DAUGHERTY
Instructor in Music
B.Mus., North Texas State, 1960; M.Mus., The University of Texas, 1962
1964-

MARILYN ELLEN DAY
Assistant Professor of Physical Education
B.A., Otterbein College, 1953; M.S., University of Colorado, 1957
1953-

DAVID LIVINGSTON DEEVER
Instructor in Mathematics
B.A., B.S., Otterbein College, 1961
1964-

ROGER FRANK DEIBEL
Assistant Professor of Education
B.S., in Ed., Muskingum College, 1950; M.A., Western Reserve University, 1953
1965-

JESSE RAYMOND DERBY
Visiting Professor of English
B.A., Southwestern College, 1911; M.A., University of Kansas, 1912; Ph.D., Harvard University, 1929
1964-

CHARLES WARD DODRILL
Assistant Professor of Speech, Director of Theatre and Special Events
B.A., Glenville State College, 1954; M.A., University of Kansas, 1956
1958-

RICHARD DONALD ELLSWORTH
Instructor in Religion
B.S. in M.E., Case Institute of Technology, 1950; B.D., Evangelical Lutheran Seminary, 1960
1963-

MRS. JUSTINA EPP
Visiting Professor of Foreign Languages
Cert., The Sakhaneva Gymnasium for Women, 1918
1964-

JOHN RUSSELL EZZELL
Instructor in Economics and Business Administration
B.S., The Ohio State University, 1964
1965-

MRS. JANET SMYSER FENHOLT
Instructor in Music
B.M., Miami University, 1948
1965-

*LAWRENCE STROUP FRANK
Associate Professor of Music
B.A. and B.Mus., Oberlin College, 1931; Fellow of the American Guild of Organists, 1933; M.Mus., Eastman School of Music, 1934
1948-

**MRS. LILLIAN SPELMAN FRANK
Associate Professor of Art
B.A., Oberlin College, 1929; M.A., Oberlin College, 1942
1943-

PAUL LESLIE FRANK
Professor of Music
Diploma, Vienna Conservatory of Music, 1927; Doctor of Law, University of Vienna, 1928; M.A., University of Chicago, 1946; Ph.D., University of Chicago, 1950
1946-

MRS. CLEORA CHRISTOPHER FULLER
Assistant Professor of English
B.A., Otterbein College, 1953; M.A., Bread Loaf School of English, Middlebury College, 1958
1951-

MRS. CATHERINE BARNHART GERHARDT
Instructor in Music
B.Mus. Ed., Otterbein College, 1946; M.Mus., Eastman School of Music, 1949
1949-1950; 1958-

ALBERT KNUTE GERMANSON, JR.
Instructor in Art
B.F.A., The Ohio State University, 1956; M.A., The Ohio State University, 1963
1963-

**On Sabbatical leave second semester, 1965-66
*On Sabbatical leave first semester, 1965-66

MRS. MARGARET BURKLEY GILL
Instructor in Home Economics
B.Sc., The Ohio State University, 1939
1962-

ANTHONY FRANCIS GINTER
Assistant Professor of Music
B.Artist's, University of Toronto, 1954; B.A., University of Toronto Ext., 1963
1965-

JAMES ADAMS GRISSINGER
Professor of Speech
B.A., The Ohio State University, 1947; M.A., The Ohio State University, 1949; Ph.D., The Ohio State University, 1957
1950-

WILLIAM F. GRUBB, COLONEL
Professor of Aerospace Studies
B.S., Carson-Newman College, 1937
1963-

JAMES EDWARD HAMER
Assistant Professor of Aerospace Studies
B.A., Ohio University, 1956
1964-

*HAROLD BELL HANCOCK
Professor of History and Government
B.A., Wesleyan (Connecticut) University, 1936; M.A., Harvard University, 1938; Ph.D., The Ohio State University, 1955
1944-

STANLEY PHILIP HART
Assistant Professor of Economics and Business Administration
B.S., Cornell University, 1951; M.Sc., The Ohio State University, 1959; Ph.D., The Ohio State University, 1961
1963-

EARL CHESTER HASSENPFLUG
Assistant Professor in Art
B.A., The Ohio State University, 1949; M.A., The Ohio State University, 1963
1955-

MICHAEL SAUL HERSCHLER
Assistant Professor of Biology
B.S., Cornell University, 1958; M.Sc., The Ohio State University, 1961; Ph.D., The Ohio State University, 1964
1964-

URSULA HOLTERMANN
Associate Professor of History and Government
B.Sc., London School of Economics and Political Science, University of London, 1948; M.A., University of Chicago, 1951; Ph.D., University of Chicago, 1955
1955-

*On Sabbatical leave second semester, 1965-66

ROBERT DONALD HOWELL
Instructor in Foreign Languages
B.A., Wheaton College, 1959; M.A., Northwestern University, 1964
1964-

JUDITH LEE JENSEN
Assistant Professor of Physical Education
B.A., Earlham College, 1957; M.S., Ohio University, 1959
1959-

MRS. JAN JONES
Instructor in Art
1965-

MRS. MABEL COMBS JOYCE
Assistant Professor of Home Economics
B.S., The Ohio State University, 1930; M.A., The Ohio State University, 1936
1950-1954; 1955-

MRS. JOYCE ELIZABETH KARSKO
Instructor in Psychology
B.A., Western Michigan University, 1959; M.A., The Ohio State University, 1961
1965-

THOMAS JEFFERSON KERR IV
Assistant Professor of History
B.S., Cornell University, 1956; M.A., University of Buffalo, 1959
1963-

YOUNG WHE KOO
Assistant Professor of Economics and Business Administration
B.B.A., University of Georgia, 1958; M.S. in Econ., University of Alabama, 1960; Ph.D., The Ohio State University, 1963
1963-

JOHN HERBERT LAUBACH
Associate Professor of History and Government
B.A., Pennsylvania State University, 1953; Ph.D., Harvard University, 1958
1958-

ELIZABETH BOARDMAN LEE
Assistant Professor of English
B.A., West Virginia University, 1940; M.A., Columbia University, 1949; M.A., University of Illinois, 1961
1964-

ARNOLD DAVID LEONARD
Assistant Professor of Geography and Geology
B.S., Pennsylvania State University, 1948; M.S., Pennsylvania State University, 1953
1964-

MARVIN JACOB LEVINE
Visiting Assistant Professor in Economics and Business Administration
B.A., University of Wisconsin, 1952; LL.B., Wisconsin Law School, 1954; M.A., University of Wisconsin, 1959; Ph.D., University of Wisconsin, 1963
1965-

LARRY LEE LINTNER
Instructor in Physical Education
B.S., Otterbein College, 1958
1964-

MRS. PAULETTE ROUSSEAUX LOOP
Instructor in Foreign Languages
B.A., Oterbein College, 1960
1964-

ALBERT EDWIN LOVEJOY
Associate Professor of Sociology
B.A., University of North Carolina, 1947; M.A., University of North Carolina, 1949; Ph.D., University of North Carolina, 1957
1957-

JOSEPH PAUL MILES
Instructor in Business Administration
B.S., Indiana Central College, 1951; M.A., Ball State Teachers College, 1955
1960-

DONALD WILCOX MOLYNEUX
Instructor in Physics
B.A., Houghton College, 1934; M.A., University of Buffalo, 1939
1960-

STEPHEN DANA MORTON
Assistant Professor of Chemistry
B.S., University of Wisconsin, 1954; Ph.D., University of Wisconsin, 1962
1962-

ARTHUR MOTYCKA
Assistant Professor of Music
B.F.A., Carnegie Institute of Technology, 1957; M.S., University of Illinois, 1959; Ed.D., University of Illinois, 1965
1964-

*ROGER HARVEY NEFF
Assistant Professor of Foreign Languages
B.A., The Ohio State University, 1956; M.A., The Ohio State University, 1960
1961-

THOMAS SCHAUB NOONAN
Assistant Professor of History and Government
B.A., Dartmouth College, 1959; M.A., Indiana University, 1962
1965-

*In Residence, University of Strasbourg 1965-66

MRS. ELIZABETH DOERSCHUK O'BEAR
Associate Professor of Foreign Languages
B.A., Oberlin College, 1931; M.A., Oberlin College, 1932; Ph.D., The Ohio State University, 1953
1960-

VELMA ALTHEA OGG
Assistant Professor of English
B.A., University of Illinois, 1927; M.A., University of Illinois, 1940
1964-

P. REXFORD OGLE
Assistant Professor of Chemistry
B.S., Capital University, 1950; M.S., The Ohio State University, 1952; Ph.D., Michigan State University, 1955
1964-

MRS. NELL HOLTMAN PAGEAN
Professor of Education
B.S. in Ed., University of Kansas, 1926; M.A., University of Iowa, 1932; Ph.D., The Ohio State University, 1944
1948-

GEORGE JAY PHINNEY
Assistant Professor of Biology
B.Sc., The Ohio State University, 1953; M.Sc., The Ohio State University, 1956
1962-

KENNETH HOLT POHLY
Instructor in Religion
B.A., North Central College, 1945; B.D., Evangelical Theological Seminary, 1947
1964-

ROBERT PRICE
Professor of English
B.Ph., Denison University, 1928; M.A., The Ohio State University, 1930; Ph.D., The Ohio State University, 1943
1945-

JOHN STEVENS RAMSEY
Instructor in English
B.A., Calvin College, 1959; M.A., University of Maryland, 1963
1963-

JAMES KENDALL RAY
Associate Professor of English
B.A., Ohio University, 1927; M.A., University of Michigan, 1933
1948-

*JAMES BYRON RECOB
Instructor in Religion and Philosophy
B.A., Otterbein College, 1950; B.D., United Theological Seminary, 1953
1959-

LARRY LYNN RHOADES
Visiting Instructor in Music
B.M., College-Conservatory of Music of Cincinnati, 1961; M.M., College-Conservatory of Music of Cincinnati, 1963
1965-

E. LAVELLE ROSSELOT
Professor of Foreign Languages
B.A., Otterbein College, 1933; M.A., The Ohio State University, 1934; Ph.D., Universite Laval, Quebec, Canada, 1955
1946-

MRS. EULA P. SABOCK
Instructor in Physical Education
B.A., Muskingum College, 1949
1964-

MRS. BARBARA HALLIDAY SETTLES
Assistant Professor of Home Economics and Sociology
B.Sc., The Ohio State University, 1959; M.Sc., The Ohio State University, 1962; Ph.D., The Ohio State University, 1964
1964-

CHARLES EDWARD SKINNER
Visiting Professor of Psychology
B.S., Ohio University 1914; M.A., University of Chicago, 1916; Ph.D., New York University, 1923
1965-

MRS. ERICKA ELISABETH SMIT-VANROTTE
Instructor in Music
B.A., Dalton Lyceum, The Hague, 1949; Final Degree, Royal Conservatory, Teachers College Haagsch Genootschap, The Hague, 1951; M.A., The Ohio State University, 1962
1962-

GEORGE DANIEL SPENCE, CAPTAIN
Assistant Professor of Aerospace Studies
B.A., Ohio Wesleyan University, 1957
1964-

MRS. MILDRED LOUISE STAUFFER
Assistant Professor of Education
B.E., San Jose State College, 1955; M.A., San Jose State College, 1957
1964-

L. JOEL SWABB, JR.
Instructor in Speech
B.A., Muskingum College, 1963; M.A., The Ohio State University, 1964
1964-

*On leave of Absence 1965-66

THOMAS RICHARD TEGENKAMP
Assistant Professor of Biology
B.Sc., The Ohio State University, 1952; M.Sc., Ph.D., The Ohio State University, 1961
1962-

FRED JAMES THAYER
Assistant Professor of Speech
B.S. in Ed., Bowling Green State University, 1951; M.A., Bowling Green State University, 1957
1960-

CURTIS WHITFIELD TONG
Assistant Professor of Physical Education and Basketball Coach
B.A., Otterbein College, 1956; M.A., The Ohio State University, 1961
1963-

ROGER JAMES TREMAINE
Instructor in Mathematics
B.S., Kent State University, 1961; M.A., Arizona State University, 1964
1964-

WILLIAM ANDREW TROTH
Instructor in Education
B.A., Wittenberg University, 1959; M.E., Wittenberg University, 1961
1964-

*ROY H. TURLEY, JR.
Associate Professor of Chemistry
B.S., Indiana Central College, 1952; Ph.D., University of Missouri, 1958
1959-

JO ANN LOUISE TYLER
Assistant Professor in Physical Education
B.S., Mississippi State College for Women, 1956; M.A., The Ohio State University, 1961
1962-

MRS. SYLVIA PHILLIPS VANCE
Instructor in Foreign Languages
B.A., Otterbein College, 1947; M.A., The Ohio State University, 1948
1961-

JOANNE FRANCES VANSANT
Associate Professor of Physical Education
B.A., Denison University, 1946; M.A., The Ohio State University, 1952
1948-

MRS. LUCIA VILLALON
Instructor in Foreign Languages
B.A., Instituto Pre-Universitario de Santiago de Cuba, 1946; Doctorate in Philosophy and Letters, University of Havana, Cuba, 1951
1964-

*On Sabbatical leave, 1965-66

FRANCIS MYRON WHITAKER
Instructor in History
B.A., University of Massachusetts, 1951; M.A., The Ohio State University, 1959
1964-

ROGER WILEY
Assistant Professor of Mathematics
B.S., Otterbein College, 1952; M.S., The Ohio State University, 1959
1955-

MRS. JEANNE ELEANOR WILLIS
Professor of Biology and Geology
B.S., Ohio University, 1949; M.S., Ohio University, 1950; Ph.D., University of Illinois, 1954
1955-

ELSLEY KEITH WITT
Assistant Professor of Education
B.A., Otterbein College, 1949; M.Ed., University of Pittsburgh, 1954
1964-

ELMER WILLIAM YOEST
Assistant Professor of Physical Education and Track Coach
B.S. in Ed., Otterbein College, 1953; M.A., The Ohio State University, 1962
1956-

FRANKLIN MCKINNON YOUNG
Assistant Professor of Education
B.S., Otterbein College, 1926; M.A., The Ohio State University, 1931
1963-

TODD ROLF ZEISS
Assistant Professor of English
B.A., Lawrence University, 1958; M.A. University of Virginia, 1960
1965-

HONORARY FACULTY

HORACE WILLIAM TROOP
Professor of Economics and Business Administration
B.A., Otterbein College, 1923; M.A., The Ohio State University, 1926; LL.B., The Ohio State University, 1934
1924-1952

GRADUATE ASSISTANTS

MRS. JOYCE JONES
Graduate Assistant in English
B.A., University of Texas, 1955
1964-

DEPARTMENTAL ASSISTANTS

FRANCOISE-JANINE GRISARD
Departmental Assistant in Foreign Languages
1965-

SANDRA URTEAGA
Departmental Assistant in Foreign Languages
1965-

DIVISIONAL ORGANIZATION

LANGUAGE AND LITERATURE
JAMES ADAMS GRISSINGER, *Acting Chairman*
SCIENCE AND MATHEMATICS
CHARLES WESLEY BOTTS, *Acting Chairman*
SOCIAL STUDIES HAROLD BELL HANCOCK, *Chairman*
FINE ARTS RICHARD HOLDEN CHAMBERLAIN, *Acting Chairman*
PROFESSIONAL STUDIES CHESTER LUTHER ADDINGTON, *Chairman*

ADMINISTRATIVE OFFICERS

Lynn Warren Turner, Ph.D., LL.D., 1958	*President*
James Vince Miller, Ph.D., 1964	*Academic Dean*
Wade Sellers Miller, B.D., D.D., 1942	*Vice President in Charge of Development*
Woodrow W. Macke, B.A. Sc., 1965	*Business Manager*
Joanne Frances VanSant, M.A., 1948	*Dean of Students*
Virgil LeRoy Raver, M.A., 1958	*Registrar, Director of Placement*
Albert Vernon Horn, B.A., 1952	*Treasurer*
John Hayes Taylor, M.A., 1964	*Associate Dean of Students*
John Henry Becker, M.S., 1954	*Librarian*
Michael Kish, M.S., 1958	*Director of Admissions*
Elsley Keith Witt, M.Ed., 1960	*Director of Testing and Institutional Research*
Craig Gifford, B.A., 1962	*Director of College Information and College Printing*
Kenneth Holt Pohly, B.D., 1964	*Director of Religious Activities*
Mabel Irene Hershberger, M.A., 1959	*Catalog Librarian*
Sanders Admiral Frye, B.C.E., 1947	*Consultant on College Construction*

ADMINISTRATIVE STAFF

Staff Assistants

Baker, Peter Brumbaugh, Jr., B.A., 1950	*Assistant to the Registrar*
Bale, Evelyn Edwards, B.A., 1961	*Assistant to the Vice President in Charge of Development*
Cromer, Roy Franklin, M.A., 1961	*Master Sergeant, Air Force ROTC*
Dudley, Raymond E., B.A., 1962	*Assistant Treasurer*
Earnest, Barbara Jane, B.A., 1964	*Assistant Circulation and Periodical Librarian*
Fawley, Robert Bradford, 1965	*Director of Campus Services*
Jacobs, Esther, B.A., 1955	*Dining Hall Manager*
Kullmann, Louis W., 1965	*Book Store Manager*
Miller, Jennie Shoop, B.A., 1947	*Assistant in the Library*
Moore, Helen E., B.A., 1950	*Assistant to the Dean of Students*

Moreland, Forest Reed, 1947 — *Assistant in Office of College Printing*
Norris, Nancy Myers, M.A., 1962 — *Special Writer, College Information*
Page, Arnold, 1960 — *Staff Sergeant, Air Force ROTC*
Pieper, Tennie E., B.A., 1961 — *Assistant to the Director of Church and Alumni Relations*
Queer, Don Scott, B.S. in Ed., 1965 — *Admissions Counselor*
Sanders, Albert M., 1947 — *Superintendent of Buildings and Grounds*
Shepherd, James Robert, B.A., 1964 — *Assistant to the Treasurer*
Skaates, William H. B., B.A., 1965 — *Assistant Director of College Information*
Vegiard, Robert Charles, B.D., 1964 — *Audio-Visual Director*

Residence Staff

Bigham, Clara J., 1959 — *Head Resident, Clements Hall*
Hajek, Brian Keith, 1965 — *Head Resident, Freshman Quadrangle*
Richard Markle, 1965 — *Dormitory Counselor, Davis Hall*
Rider, Melissa E., 1963 — *Head Resident, Cochran Hall*
Larry Rupp, 1965 — *Head Resident, Davis Hall*
George Seyfarth, 1965 — *Director of Men's Residence Halls*
Stoughton, Marian Mae, 1960 — *Head Resident, Hanby Hall*
Thomas, Eileen, 1965 — *Head Resident, Mayne Hall*
Weber, Marian, 1962 — *Head Resident, King Hall*

Health Center Staff

Botts, Ruth Carolyn, 1960 — *Secretary*
Crane, Mildred Leona, R.N., 1948 — *Head Nurse*
Gilliam, Dorsey L., M.D., 1964 — *College Physician*
Jennings, Raymond Leach, M.D., 1949 — *College Physician*
Kintigh, Rose Latta, R.N., 1960 — *Nurse*
Maneval, Jacqueline F., R.N., 1965 — *Nurse*
Newland, Harry O., M.D., 1956 — *College Physician*
Pryfogle, Ann Elizabeth, R.N., 1964 — *Nurse*
Stout, Walter Marshall, M.D., 1964 — *College Physician*
Wood, Betty F., R.N., 1965 — *Nurse*

Office Staff

Aumiller, Carol M., 1964 — *Clerk, Library*
Bagley, Marguerite, 1965 — *Switchboard Operator*
Becker, Marian Havens, B.A., 1963 — *Records Clerk, Alumni and Development Offices*
Benton, Edith May, 1961 — *Typist, Registrar's Office*
Bonham, Dorothy J., 1964 — *Bookkeeper, Treasurer's Office*
Chaney, Linda, 1965 — *Secretary to Director of Religious Activities*
Coffee, Cora L., 1959 — *Secretary to Fine Arts Division*
Crane, Minamarie Marlene, 1960 — *Secretary to Academic Dean*
Cupps, Florence Rachel, 1962 — *Typist, Department of Education*

Davis, Millicent Annabelle, 1948	*Secretary in Office of Business Manager*
Deamer, Zena M., 1955	*Secretary to Registrar and the Faculty*
Freeman, Dorothy Whitney, 1961	*Library Order Clerk*
Fulton, Beverly, 1965	*Clerk-Typist, College Printing Dept.*
Gorsuch, Rita Zimmerman, B.A., 1963	*Secretary-Receptionist, Campus Center*
Heimlich, Mary Alice, 1963	*Typist, Student Personnel Office*
Heitzwebel, Doris Hill, 1964	*Typist, Registrar's Office*
Hockaden, Helen Lynn, B.A., 1965	*Secretary to Academic Dean*
Howard, Patricia, 1961	*Clerk Typist, President's Office*
Liming, Colleen, 1963	*Vari-Type Operator, College Information*
Myers, Agnes Clymer, 1956	*Secretary to Director of Admissions*
Perry, Beatrice Helen, 1960	*Bookkeeper, Treasurer's Office*
Pohly, Marjorie Ann, B.Mus. Ed., 1964	*Secretary to Director of College Information*
Priest, Hazel Miles, B.C.S.	*Secretary to Director of Teacher Placement*
Ringold, Rebecca, 1964	*Secretary in Faculty Suite*
Rockhold, Joan, 1964	*Secretary to Director of Athletics*
Rumbaugh, Marcia Winans, B.A., 1962	*Secretary to Vice President in Charge of Development*
Schear, Marian, 1964	*Secretary-Receptionist, Campus Center*
Skaates, Josephine G., 1954	*Secretary to the President*
Shaw, Margie, 1965	*Typist, College Information*
Walker, Betty Benadum, 1962	*Clerk-Typist, Development Office*

Otterbein College

Correspondence Directory

For information on	*Write to*
Summer School or Evening Division	Virgil Raver Registrar
Admissions	Michael Kish Director of Admissions
Placement Service	Virgil Raver Director of Placement
Financial Matters	Albert Horn Treasurer
Registration and Academic Records	Virgil Raver Registrar
Alumni and Church Relations	Director of Alumni and Church Relations
Scholarship and Financial Aid	Elsley K. Witt Director of Institutional Research and Testing
Publicity, Printing, and Publications	Craig Gifford Director of College Information
Concert, Lecture Series, Other Cultural Events	Charles Dodrill Director of College Theatre and Special Events
Gifts or Bequests	Dr. Wade S. Miller Vice President in Charge of Development
Buildings and Grounds	Woodrow W. Macke Business Manager
Dormitory Accommodations	Joanne VanSant Dean of Students
All may be addressed c/o	Otterbein College Westerville, Ohio

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Otterbein College welcomes visitors and prospective students, but urges those planning to visit the campus to make arrangements in advance with the Admissions Office.

During the school year, the office is open weekdays from 8 a.m. until 12 noon and from 1 p.m. until 5 p.m. During the summer months, the Admissions Office is open weekdays from 9 a.m. until 12 noon and from 1 p.m. until 4 p.m. Saturday tours must be arranged for in advance.

The city of Westerville operates on Eastern Standard Time throughout the year.

For complete information about admission to Otterbein, prospective students should write to the Admissions Office, Otterbein College, Westerville, Ohio.

College Calendar

1965

Sept.	10	Friday	Faculty Conference
	11	Saturday	1:00 p.m. — Freshman Period Begins
	15	Wednesday	8:00 a.m. — 5:00 p.m. — Registration for 1st Semester
	16	Tuesday	7:45 a.m. — 1st Semester Classes Begin
Oct.	9	Saturday	Parents' Day
	23	Saturday	Homecoming
Nov.	10	Wednesday	Mid-Semester
	17	Wednesday	Mid-semester Grades due in Registrar's Office
	24	Wednesday	12:15 p.m. — Thanksgiving Recess Begins
	29	Monday	7:45 a.m. — Classes Reconvene
Dec.	13-16	Monday through Thursday	8:30 a.m. — 4:00 p.m. Registration for 2nd Semester
	17	Friday	12:15 p.m. — Christmas Recess Begins

1966

Jan.	3	Monday	7:45 a.m. — Classes Reconvene
	24-27	Monday through Thursday	1st Semester Examinations
	29	Saturday	12:00 noon — 1st Semester Grades due in Registrar's office
Feb.	3	Thursday	7:45 a.m. — 2nd Semester Classes begin
	5	Saturday	Winter Homecoming
March	25	Friday	Mid-semester
April	1	Friday	12:00 noon — Mid-semester Grades due in Registrar's Office
	1	Friday	12:15 p.m. — Spring Vacation Begins
	10	Sunday	Easter
	11	Monday	7:45 a.m. — Classes Reconvene
	26	Tuesday	Founders' Day
May	14	Saturday	May Day
	21	Saturday	8:00 a.m. — 12:00 noon — Registration for Students not enrolled for the 1966 Summer School
	24	Tuesday	Senior Recognition Day
May	26	June 1	Thursday to Wednesday — 2nd Semester Examinations
	30	Monday	Memorial Day
June	5	Sunday	Baccalaureate and One Hundred and Tenth Annual Commencement, Concluding the 119th Year.
	8	Wednesday	2nd Semester Grades due in Registrar's Office