For Your Information Needs . . .

The Post Office address of Olivet Nazarene University is Kankakee, Illinois 60901. Mail to administrators, offices, faculty and students may be sent to this address.

The University is located in the village of Bourbonnais on the north side of Kankakee. The campus is one and a half miles southwest of Exit 315 on Interstate 57. It is at the junction of U.S. 45-52 and Illinois 102, 60 miles south of Chicago.

The telephone number of the university switchboard is 815-939-5011. Through the Centrex system our operator will redirect calls for any office or student. Calls may also be dialed directly to offices by using the numbers listed below. Administration offices are in Burke Hall or as noted below.

Inquiries to the University may be directed to:

**THE PRESIDENT 939-5221**
General Interests of the University

**THE VICE PRESIDENT FOR ACADEMIC AFFAIRS, ACADEMIC DEAN 939-5213**
Undergraduate curriculum, instructional programs and graduate programs

**THE ASSISTANT DEAN OF INSTRUCTION 939-5201**
Student academic problems, class schedules, orientation

**THE REGISTRAR 939-5201**
Registration for classes, graduation requirements, transcripts of records, grades

**THE DIRECTOR OF ADMISSIONS 939-5203**
Admission of freshmen and transfer students, requests for catalogs, applications for admission and other information

**THE DIRECTOR OF FINANCIAL AID 939-5249 Miller Hall**
Applications and information on grants, loans, scholarships

**STUDENT ACCOUNTS 939-5249 Miller Hall**
Payment and arrangements of university student accounts

**THE VICE PRESIDENT FOR FINANCE 939-5240 Miller Hall**
Business of the university, purchasing, employment, staff positions.

**THE DEAN OF STUDENTS 939-5333 Ludwig Center**
General welfare of students, campus policies, residence halls, room assignment information, policies

**THE DIRECTOR OF STUDENT ACTIVITIES 939-5230 Ludwig Center**
Campus activity calendar, Ludwig Center schedule

**THE VICE PRESIDENT FOR DEVELOPMENT 939-5115**
Requests for services of the university such as musical groups, guest speakers, etc. to churches, districts, organizations

**THE DIRECTOR OF PUBLICITY 939-5295**
News, publications, special events, *The Olivet Olivetian*

**THE LATEST WORD 939-5000**
Recorded news summary about campus events

**CAREER COUNSELING CENTER 939-5243**
Student employment and career planning

**LUDWIG CENTER INFORMATION DESK 939-5207**

**ALL OTHER OFFICES 939-5011 (24 hour service)**

Cover Photo: Decker Quadrangle and Benner Library
Title Page: Burke Administration Building
1987-1988 Catalog

• • • a descriptive bulletin
  with explanations
  of programs & courses

Olivet Nazarene University
Kankakee, Illinois 60901

Telephone 815-939-5011

LESLIE PARROTT, President
Finding your way in this catalog:

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2. *Design for Educational Excellence* in Chapter 2, page 13
   Degree programs, basic requirements, majors, accreditation

3. *Student Life* in Chapter 3, page 21
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4. *Admission Requirements and Procedures* in Chapter 4, page 28
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    Inside back cover
Leslie Parrott, President, 1975—

**We believe** Christian values and experiences change lives. A commitment to Jesus Christ as Savior and Lord will result in a changed person.

**Our perspective on living and learning begins** with a view of God as our Creator and Lord, rather than a view of man as the ultimate being of the universe.

This enables us to develop an approach to behavior based on sound principles. It results in creative and preventive social actions. We want people to become part of the solution, not part of the problems of life.

One of our goals is to develop individuals into leaders who will infiltrate all institutions of society with a Christian World View. To do this, we train students how to blend the liberal arts and professional training into the “Living Arts.”

“Liberal Arts” does not mean liberalism or humanism. It means a free study of all of life, combining a sense of understanding from all the branches of knowledge into a coherent view or philosophy of living.

We want students to become interested in expanding their understanding of the issues of life. We want to generate a rich environment that will enable students to express their unanswered questions and discuss them from a view of God which leads into the “Living Arts.”

As serious students heighten their appreciation for the past and prepare professionally for the future, we want them to be challenged to ask deepening questions within this rich Christian atmosphere, and to find answers based on a firm and reasonable faith in God.

Out of a world of mixed-up values, uncertain goals and distressed lives, Olivet takes students into a whole new world of “The Living Arts.”
Olivet provides a quality education based on Christian values. Our versatile career preparation in 60 majors equips students for a lifetime of effective service and living in an ever-changing scene.

An Olivet education blends professors and students who are concerned about each others’ success. This builds friendships strong enough to last a lifetime.

Our comprehensive academic programs give quality learning opportunities for nearly every student who wants and needs a college education. Courses are designed to prepare students for their choice of careers among thousands of possibilities.

Olivet’s education is affordable. Generous annual support from the Church of the Nazarene keeps tuition charges far below the average private college. Total costs for a year at Olivet are comparable to that of major state universities in our area, plus unmeasurable values of the spiritual dimension of the “Living Arts” involved in this special community of students and faculty.

Financial aid is readily available. About 80 percent of Olivet’s student benefit from aid in grants, loans and scholarships.

We hope you as a student will want to have this valuable experience of an “Education with a Christian Purpose.”

... Leslie Parrott,
President
Your Guide to Olivet

This catalog is your guide to the courses of study, activities and opportunities at Olivet Nazarene University.

If you will read through the Purposes of the University in Chapter 1 you will understand the reason for our course plans, majors offered, student life policies and regulations, and our personal interest in helping each student who comes to Olivet to achieve their maximum potential for Christian living. Olivet is supported by the Church of the Nazarene with close ties to the 840 congregations of Illinois, Indiana, Michigan and Wisconsin. At the same time we are ecumenical in spirit, open to serve all who wish to have an “Education with a Christian Purpose.”

This Catalog contains information about the undergraduate and graduate programs, and is intended to remain in force for the period for which it is issued. However, the university reserves the right to revise information, requirements or regulations at any time. Whenever changes occur, an effort will be made to notify persons who may be affected.

The material contained in this Catalog is for information only and does not constitute a contract between the student and the university. The university reserves the right to revise policies, amend rules, alter regulations, and change financial charges at any time in accordance with the best interest of the institution. The effective date for the policies, regulations and information of this Catalog is the beginning of the Fall Semester of the school year stated.

The university publishes special bulletins about semester course offerings, time of classes, faculty, and other matters, prior to each term or semester. The university reserves the right to determine the number of students in each class or section. If an insufficient number of students enroll for a course, the university reserves the right to cancel the course, to change the time, or to provide a different teacher of any course in a given semester’s class schedule. The university reserves the right to drop a major or minor field for lack of sufficient enrollment of students to guarantee a class size of ten or more in upper division classes.

Candidates for graduation are expected to meet the requirements for graduation of the catalog in force at the time of that graduation. In cases of hardship caused by curricular changes during a student’s successive years of enrollment at Olivet, an appeal may be made to the Academic Standards Committee.

A student handbook is published annually by the Dean of Students and Associated Student Government. This gives more detail about campus activities, regulations and personnel policies which are pertinent to the students enrolled that year.

Olivet admits qualified students without discrimination in regard to race, creed, handicap, sex, national and ethnic origin to all the rights, privileges and activities generally accorded or made available to students at the university. It does not discriminate on the basis of race, color, creed, handicap, sex, or national and ethnic origin in administration of its educational, admissions, financial aid policies, scholarship and loan programs, athletic and other university administered programs.
Olivet Nazarene University is in compliance with the Family Educational Rights and Privacy Act which is designed to protect the privacy of educational records. Details about the policy and procedures are available at the Office of the Registrar.

Olivet Nazarene University is alive with possibilities for you as a student because the people at Olivet are committed to lifting the quality of life for everyone on this campus.

Alive at Olivet means excellent academics plus spiritual dynamics. A versatile career preparation through liberal arts equips students for more than a narrowly defined trade which may soon be outdated. Our goal is to prepare students for a lifetime of effective service and career mobility.

Matching Olivet Courses and Career Plans

Some career choices, and college majors to prepare for them, have a large number of specific course requirements. Most programs move from general foundational studies to more difficult and technical levels of understanding. The usual advice to students is to take care of required courses as early as possible, conserving electives to be used later toward achieving personal goals for advanced study and career options.

Electives from a broad range of subject matter are available, even in the General Education Requirements, which is the foundation of "liberal arts" understanding.
The intention of the Olivet faculty is to design each major to meet career plans and interests of students. Through the Interdisciplinary or General Studies majors, a wide variety of courses may be combined to match an individual's career goal which goes beyond the usual departmental plans.

Faculty members are listed with the department in which they teach, along with their educational backgrounds. An alphabetical listing of faculty is also given in the Index chapter at the back of the catalog.

The courses of study in the university are organized in several divisions. Departments in each division are listed below and on the pages beginning each division.

All these departments offer majors except Fine Arts, Music Literature, Music Theory, Library Science, Political Science and Geography. A chart of majors, minors and concentrations appears in Chapter 2.

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Chapter 1

Education with a Christian Purpose

"Education With A Christian Purpose" can be viewed from two standpoints. The Church of the Nazarene has very definite purposes in continuing support of colleges. In turn, Olivet has clearly set forth its "Statement of Purposes and Objectives" as an institution of higher learning.

Consistent with these purposes the University aspires to promote the development of a Christian academic community which involves students, professors, administrators, trustees, and staff employees. All members of this special community should agree that religion has a place in the total process and that, in fact, it must function to unify the entire curriculum. This community proceeds on the premise that Jesus Christ is the Way, the Truth, and the Life; that He, as the Great Example, calls each individual to the development and dedication of his
talents in sacrificial service to his fellow man. It holds that all truth is God’s truth and, therefore, cannot be segmented into secular and non-secular departments. In order for the University to succeed it has a right to expect from all who seek membership in the university community a feeling of sympathy and common cause for this basic orientation.

“Education With A Christian Purpose” may also be viewed from the standpoint of the student and his objectives. Each student must find and identify a central core of values about which to organize his life and activities. Under the counsel and guidance of more mature members of this academic community, young people are assisted in the sifting and sorting of ideas and values of the past and present.

Statement of Faith

Olivet Nazarene University recognizes that there is a body of knowledge which is to be found in the humanities, the natural sciences, the social sciences, and theology, about the objective and subjective worlds. The data are available to Christian and non-Christian scholars alike through both the empirical and rationalistic methods. The University acknowledges a dualistic approach to knowledge as accommodating man’s finiteness. In no way does a method constitute the ultimate criterion of truth; thus appeal is made to scripture, experience, reason, and tradition.

Olivet endeavors to foster a discipline of scholarship based upon these methods of observing and interpreting the facts and experiences of life, culminating in an adequate understanding of God, man, and the world. Since Olivet is an evangelical liberal arts university, applied theology is the integrating factor in the educational experience.

Theologically, the University emphasizes the theistic view of God and man as interpreted in the Arminian-Wesleyan tradition. This view of man and the world acknowledges the presence of sin and depravity within human nature and its effect on his natural state and history.

As an indication of the commitment of Olivet Nazarene University to the historic Christian position, it affirms a statement of faith which defines its doctrinal convictions as follows:

1. That there is one God — the Father, Son, and Holy Spirit.
3. That man is born with a fallen nature and is, therefore, inclined to evil, and that continually.
4. That the finally impenitent are hopelessly and eternally lost.
5. That the atonement through Jesus Christ is for the whole human race; and that whosoever repents and believes in the Lord Jesus Christ is justified and regenerated and saved from the dominion of sin.
6. That believers are to be sanctified wholly, subsequent to regeneration, through faith in the Lord Jesus Christ.
7. That the Holy Spirit bears witness to the new birth, and also to the entire sanctification of believers.
8. That our Lord will return, the dead will be raised, and the final judgment will take place.
Statement of Objectives

Olivet Nazarene University is an institution of higher education, affiliated with the Church of the Nazarene, serving those who share her values and priorities. It seeks to communicate effectively the historical and cultural heritage and to provide opportunity for liberal arts education in a Christian academic community.

The University articulates its objectives in three distinct and clearly defined dimensions:

General Education Dimension

To provide general educational experiences with a view to developing:

A. A knowledge of the Bible, the revealed Word of God, as the foundation of the doctrines of the Christian faith, and the basis of moral and spiritual values by which one may discipline his life; and an acquaintance with the heritage of the Christian church;
B. Ideals of democracy and an understanding of the institutions of modern society;
C. Habits of constructive, critical thinking and effectiveness in oral and written communication;
D. An understanding of the nature of science and the arts and their relation to Christian philosophy;
E. Wholesome personal habits of living according to the laws of health and physical development, including a wise use of leisure time and active participation in a well-balanced recreational program.

Academic-Professional Dimension

To provide opportunity for concentration in chosen areas of learning, including:

A. An academic specialization equipping the individual for meaningful and productive living;
B. Opportunities for basic and advanced preparation in several areas on Christian ministry, lay leadership, and churchmanship;
C. Programs leading to further graduate or professional studies;
D. Professional education in selected areas on the undergraduate and graduate levels;
E. Appropriate two or three-year programs in specific areas.

Socio-Christian Dimension

To provide a Christian academic community atmosphere which is conducive to the implementation of the motto "An Education With A Christian Purpose" through:

A. The development of a Christ-centered character in preparation for excellence in service and citizenship;
B. An appreciation for the historical and theological heritage of the Christian church and the development of a sense of responsibility to the fulfillment of her mission;
C. A commitment to the ethical ideals and standards of the Bible and the Church of the Nazarene;
D. Active participation in social and political institutions of contemporary society;
E. The development of personal and social poise, firm convictions, and con-
sideration for the rights and feelings of others;
F. Learning how to relate the Christian faith to the problems of world concern.

History of the University

In 1907, a group of devout people in Georgetown, Illinois, who desired a distinctly Christian atmosphere for the education of their children, started an elementary school. A year later, the group purchased several acres of land three miles south of the original location, and enlarged the school to include a secondary level of education. This community became known as Olivet, Illinois, and was to later share its name with the school located there. In 1909, the school added a college of liberal arts and became known as Illinois Holiness University.

The trustees of the school soon realized the wisdom of affiliating with an established denominational group whose doctrines and standards were in agreement with the founders. In October 1912, the Church of the Nazarene accepted sponsorship of the institution. By 1915 the school was known as Olivet University, and in 1923 it was changed to Olivet College.

By 1939 the enrollment of the college and academy was about 300 students. The physical plant consisted of five brick structures and several frame buildings on a 14 acre campus. In November 1939, the administration building, which housed the classrooms, offices, chapel, laboratories practice rooms and library, was destroyed by fire.

After careful consideration of the expansion program necessary to the future development of the rapidly growing college, the trustees purchased the present campus in Bourbonnais, Illinois. The school was named Olivet Nazarene College at that time. The name was again changed in 1986 to Olivet Nazarene University to reflect the diversity of academic programs and graduate studies.

Campus and Facilities

The campus of 1940 included 40 acres of land and five principal buildings. The campus of 1987 includes 160 acres of contiguous land with 28 major buildings. The buildings are arranged in a park-like setting on 60 acres. The other 100 acres include athletic fields, parking, open space and areas for future expansion.

The older buildings on the campus are solid masonry construction and represent the architecture of their time. Burke Administration Building and Chapman (men's residence) Hall are of Bedford Limestone while Miller Business Center and Birchard Gymnasium are of brick, tile, and steel construction. The newer buildings, including Benner Library and Learning Resource Center, Chalfant Hall Auditorium, Williams, McClain, Nesbitt and Parrott Halls (women's residences), Hills Hall (men's residence), Reed Hall of Science, Ludwig Center, Brodien Power Plant, and Wisner Hall of Nursing are of steel, brick and stone construction with a modern functional design. The Larsen Fine Arts Center and Kresge Auditorium was opened in the fall of 1982. A new physical education center is being planned.
Benner Library and Learning Resource Center

The Benner Library and Learning Resource Center was constructed in 1974-75 at a cost of more than $2 million. It combines in one structure of 80,000 square feet on four floors both the new building and the Memorial Library which was completed in 1955.

The Library now houses over 140,000 volumes, plus some 60,000 other items (government documents, maps, audio-visual materials, records, sheet music, microfilm); receives 850 periodicals. Many back issues of periodicals and the New York Times are on microfilm. As a depository, the library receives U.S. Government Documents on a selective basis. Photocopying, a microfilm readerprinter, and typewriters are available for student use for nominal fees. Computer searches for resources are available at cost. The music room, with an excellent collection of records and musical scores, has listening facilities including cassette tape players and stereo headphones. An instructional media center, television studio and computer center are significant features of the Benner Library.

In addition to the conventional card catalog, a new computer system is now being developed by which students and faculty may use the on-line terminals for author, title and subject searches of the 140,000 volumes of the library.

Location and Transportation Facilities

Olivet Nazarene University is located in the village of Bourbonnais north of Kankakee, Illinois, sixty miles south of Chicago. The campus is situated on highways U.S. 45 & 52, Ill. 102, and near Ill. 50 and Interstate 57. Kankakee is served by Amtrak Rail Passenger Service, Greyhound and Trailways bus lines. Mail, telegraph, and telephone connections are made by way of Kankakee, Illinois.

The population of Kankakee County is 102,926, including 30,141 in Kankakee, 11,080 in Bradley and 13,290 in Bourbonnais.

The location gives the university many advantages. Students enrolling in Olivet Nazarene University have the opportunity of earning part of their expenses in the many factories and business places of Kankakee. The nearness of the school to Chicago lends the cultural advantages of the large city and classes make field excursions to the points of interest.
Chapter 2

Design for Educational Excellence

Olivet Nazarene University is committed to academic excellence. The University is accredited by the North Central Association of Colleges and Schools as a four-year bachelor’s degree-granting institution. It has also been given accreditation for its master’s degree programs.

It is accredited by the National Council for the Accreditation of Teacher Education and approved by the Illinois State Department of Education as a teacher training college.

The baccalaureate degree program in Nursing is approved by the National League for Nursing, and by the Committee of Nurse Examiners of the Department of Registration and Education of the State of Illinois.

The baccalaureate degree program in Dietetics is approved by the American Dietetic Association.

Olivet is an associate member of the National Association of Schools of Music.

Olivet is a member of the American Association of Colleges for Teacher Education, American Council on Education, Midwest Association of Graduate Schools, Associated Colleges of Illinois, the Federation of Independent Illinois Colleges and Universities, the Council for Advancement and Support of Education, the Council of Independent Colleges, and the Christian College Coalition. It is a member of the Associated Colleges of the Chicago Area, with the privilege of selective use of the Argonne National Laboratories for research and educational purposes.
Olivet carries on a continuous program of self-study in the belief that improvement is a continuous process. Its faculty is competent for the duties assigned. An effort is made to bring a genuine academic challenge to every student. This is done with the conviction that the impact of Christian lives can be increased by excellence of scholarship, logical thought and effectiveness in communication. The university seeks through its curriculum, co-curricular activities, and campus citizenship to assure the priority of academic discipline and achievement.

A genuine encounter with the traditional liberal arts is felt to be the best way to assure the development of the whole person and to give balance in making the judgments required in a world of rapid change. Accordingly, Olivet Nazarene University offers the student a variety of opportunities for growth according to his aptitude and interests. These opportunities are presented through curriculum, co-curricular activities, field experiences, and the library. Teachers and counselors are ready to assist the student in planning his program, but the student has primary responsibility for meeting requirements for graduation, licensing, certification, and graduate school admission.

Semester Calendar and Credit Hours

The university calendar is built on two semesters of 16 weeks. The semester hour is the unit of credit at Olivet. A semester hour is equivalent to one 50-minute class period per week for a semester. It is expected that the average student will spend two hours in preparation for each period in class. In laboratory courses a two-hour period is considered the equal of one-hour recitation or lecture period. A normal semester load is sixteen semester hours. One hundred twenty-eight semester hours are required for graduation with the Bachelor's degree. A minimum of sixty-four semester hours is the requirement for the Associate of Arts degree. All programs feature the dimension of breadth and also the dimension of depth.

General Education Basic Requirements

In order to provide the student with a broad base of experience and knowledge in the various fields of human activity, and to carry out the general aims of Christian education as outlined in the institutional objectives, special courses have been developed to meet the needs of students in all degree curricula. In certain fields of study the student is required to select from among several courses according to his interest or plans for future study.

Courses numbered in the 100's and 200's should normally be completed during the freshman or sophomore years. General Education courses numbered 300 or above will be normally completed during the last two years of study. See Classification, Chapter 6. Students planning a program of Teacher Education should consult special instructions related to general education, Catalog, Chapter 7, Teacher Education.
General Requirements for all Bachelor's Degree Programs

Group 1 — Spiritual Heritage and Insight

- Bib. Lit. 101—Old Testament ......................................................... 3
- Bib. Lit. 102—New Testament ......................................................... 3
- Theol. 201—Christian Doctrine ....................................................... 3
- Theol. 301—The Church and Christian Living ................................. 3

**Total hours ........................................................................................ 12**

Group 2 — Creative Expression

- F.A. 101—Introduction to Fine Arts ................................................... 3
- Literature from the Department of English ....................................... 4
- Philosophy, Speech Communication, Music Literature, Literature in a Foreign Language, or additional Literature .................. 2-3
- Composition: English 102 or 103, and 104 .................................... 6

*English competency must be established.

**Total hours ........................................................................................ 15-16**

Group 3 — The Natural Order

- Laboratory Science—Biological or Physical .................................... 4-5
- Mathematics, Computer Science or additional science ..................... 5

**Competency in Mathematics must be established.

**Total hours ........................................................................................ 9-10**

Group 4 — The Individual and Social Relations

- Electives from Economics, Cultural Geography, History, Political Science, Psychology or Sociology. *No more than 3 hours in any one discipline may apply to meet this requirement.*

**Total hours ........................................................................................ 9**

Group 5 — Intercultural Understanding****

- A. Foreign language through intermediate level .................................. 10
- or
- B. Courses in International Relations, Foreign Culture, and Ethnic or Multi-Cultural Interaction .................................................. 6

**Total hours ........................................................................................ 6-10**

Group 6 — Physical Health and Development

- Physical Education, Military Training or Health ............................. 2
  *One hour of the two must include physical activity.

**Total hours ........................................................................................ 2**

**Total hours of all Groups .................................................................... 53-59**

*Minimal competency levels have been established in the areas of English and Mathematics. It is strongly recommended that students seek to satisfy these requirements during the freshman year. Specific details in regard to determining competency are available in the Registrar's Office.

**All students planning to teach must take 3 semester hours of Mathematics and a course in U.S. History or American Government.*
A student continuing the study of a foreign language which he had studied in high school may accelerate toward the completion of the requirement, depending upon the high school record in that language and upon the results of a university placement examination. Students with demonstrable oral and written competence in a second language may be permitted to waive the language requirement for graduation upon petition.

Intercultural Understanding is an attempt on the part of the University to introduce students to other cultures, both domestic and international. This general education requirement is fulfilled either through a foreign language (leading to a B.A., B.S. or Th.B. degree) or courses designated as applicable to the cultural understanding area (leading to a B.S. or Th.B. degree).

The class schedule designates two types of cultural understanding courses: (1) those concentrating primarily on domestic multi-cultural relationships, and (2) those designed to provide students with an international exposure. Students are required to select at least one course with an international approach. Students completing a Bachelor of Science Teacher Education program must also select one course with a domestic intercultural approach. No more than one course may be chosen from the department of the student’s major or minor to apply to the Intercultural Understanding Requirement.

Associate of Arts Degree Requirements

Associate of Arts degree specializations are offered for Computer Science, Food Service Management, Office Administration (Secretarial Science), Practical Ministries,* Science Technology, Social Welfare and Teacher Aide. These programs can be completed in two years and the credits may apply toward the requirements for a four-year bachelor’s degree.

For the Associate of Arts degree the general education requirements are:

<table>
<thead>
<tr>
<th>Group</th>
<th>Requirement</th>
<th>Credit hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Spiritual Heritage and Insight</td>
<td>6</td>
</tr>
<tr>
<td>2</td>
<td>Creative Expression</td>
<td>11</td>
</tr>
<tr>
<td>3</td>
<td>The Natural Order</td>
<td>4-5</td>
</tr>
<tr>
<td>4</td>
<td>The Individual and Social Relations</td>
<td>6</td>
</tr>
<tr>
<td>5</td>
<td>Intercultural Understanding</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>Physical Health and Development</td>
<td>2</td>
</tr>
</tbody>
</table>

Total hours required .............................................. 29-30

For details of courses which meet the general education requirements, see the preceding section relating to bachelor’s degrees.

The Associate of Arts degree is awarded upon completion of the specific requirements of each curriculum and upon recommendation of the faculty. The following general requirements apply:

1. A minimum of 64 semester hours of credit;
2. A minimum grade point average of 2.0 ("C");
3. Completion of the General Education Requirements of 29-30 hours;
4. Completion of the specialization, including supporting courses as approved by the department.
5. The student must file an application for the degree with the registrar six months prior to the expected date of graduation.

*Offered only at Salvation Army Officers Training School in Chicago. See copy later in this chapter.
Requirements for Graduation — Bachelor’s Degree

Baccalaureate degrees offered by the University are awarded upon completion of the appropriate curriculum and upon recommendation of the faculty. The following general requirements apply to Bachelor of Arts, Bachelor of Science, and Bachelor of Theology degrees:

1. A minimum of 128 semester hours of credit;
2. A minimum grade point average of 2.0 ("C");
3. A minimum of 40 hours of credit in upper division courses (courses numbered 300 or above);
4. Completion of the General Education studies of 53-59 hours;
5. Completion of a major program of study as specified by the division or department in which the major is taken or the major in General Studies described above;
6. Completion of supporting courses as specified by the major department;
7. The student taking the Bachelor of Arts degree must offer foreign language under the Group V general education requirement. This requirement may be satisfied by earning credit in the intermediate level of the language.
8. Participation in the Senior Outcomes testing programs in General Education and as may be specified by the major department.
9. The student must file an application for the degree with the registrar six months prior to the expected date of graduation.
10. Students may participate in commencement as August graduates only if they are within 12 hours of graduation by the end of the spring semester, and have filed a plan of studies with the Registrar by April 1.

Preparation for Graduate Study and Pre-Professional Study Programs

Olivet has developed degree programs which adequately prepare students for graduate and professional study in a variety of fields. Preparation for these fields may be in majors related to the professional study. Detailed programs outlining these studies at Olivet may be obtained by writing to the Director of Admissions or to the Chairman of the appropriate department.

Fields for which Olivet offers pre-professional preparation include Engineering, Law, Medicine, Medical Technology, Ministry, Physical Therapy, Psychology and Social Work.

The student planning to pursue one of the pre-professional programs is advised to ask the Registrar for assignment to the appropriate pre-professional faculty adviser. He should also become acquainted with the requirements for admission to the professional school in which he plans to study after completing his work at Olivet.

A Pre-Health Science Committee has been established in the Division of Natural Sciences to guide students in pre-medicine, pre-dentistry, pre-pharmacy, pre-optometry, pre-osteopathy, pre-physicians assistant or pre-veterinary fields.

Faculty advisers for other professional programs involve the following departments: Medical Technology — Pre-Medical Technology adviser, Physical Therapy — Physical Education Department, Engineering — Physics Department; Social Work — Sociology Department; Psychology and Counseling — Psychology Department, Law — Social Science, Business or English Departments; Ministry — Religion Department; other Health Fields — Natural Science Division.
General Studies Interdisciplinary Major

Most students will find a concentration of work in the departmental or divisional major adequate to their needs at the undergraduate level. For some, the General Studies major will provide the opportunity to select from several departments courses that will contribute to their life goals.

This major is ideal for a student whose interests lie in related fields such as art, music and literature or psychology, physical education and Christian education. It also accommodates those preparing for law or medical schools. In effect it is a functional major.

This major will consist in not less than sixty semester hours of courses related to the student’s declared life objective selected from more than one division of the university. Normally, this declaration is made in connection with Application for Junior Standing at the end of the sophomore year. Application for candidacy for the degree in General Studies must be made to the Dean of the University at least two semesters before graduation. The applicant will present in writing a full statement of his vocational purpose and his reasons for believing that such a degree program will best meet his individual needs.

Upon receipt of the application the Dean shall appoint a committee whose function it will be to accept or reject the application, to develop a plan of studies, and to determine the degree to be awarded. Once the student has been accepted as a candidate for this major he must work very closely with his committee and may not register for, nor withdraw from, any course without prior advice and approval from the committee.

Specialization for Bachelor’s Degree Programs

Before admission to junior standing the student will choose an area of specialization as his major field of study. By this means the student will be enabled to examine more intensely a specific field of study and thus to gain depth and a degree of competence in using and communicating this knowledge.

The University reserves the right to drop a major or minor field for lack of sufficient enrollment to guarantee a class size of ten or more in upper division courses of that field.

There are certain instances where particular combinations of majors and minors, or requirements for certification for positions of employment for graduates, may require a student to complete more than 128 semester hours.

If a student begins one specialization or major, and then changes to another, the University cannot guarantee that he will graduate without exceeding the number of 128 hours or eight semesters of work stated as the minimum requirement for graduation.

The following chart indicates the fields in which Olivet offers programs of study. The degree or degrees to which each program leads is shown in the columns headed by degrees B.A., B.S., etc. An “x” in the minors columns indicates that a minor is offered in the field. Columns headed “Teaching” indicate which fields offer a teaching major or minor.

Majors are shown in CAPITAL LETTERS. Concentrations, options and minors are shown in lightface type.
## MAJORS, Fields of Study, Minors and Concentrations

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Cooperative Arrangement with Salvation Army School for Officers’ Training

A cooperative arrangement has been worked out between Olivet Nazarene University and the Salvation Army School for Officers’ Training in Chicago, Illinois, which permits recommended cadets to earn the Associate of Arts degree from Olivet.

The School for Officers’ Training cadets must meet the General Education Requirements for the Associate degree (described earlier in this chapter). Olivet faculty teach twenty-four hours of such course work at the School in Chicago.

The specialization for this program is “Practical Ministries.” The faculty of the School for Officers’ Training teach these courses which are, in turn, presented to Olivet in transfer. The total credits presented must equal the requirements of the Associate of Arts degree as described above.

All the faculty and cadets of the School for Officers’ Training are on the Olivet campus at least once per year to share in group activities, cultural events, and sessions designed to stimulate those with mutual interests. English composition classes visit the Olivet library. One graduate course per year is taught in Chicago, and other efforts are made to assist the School for Officers’ Training to upgrade curriculum, instruction and library holdings.

Ministerial Training for the Older Student

For those who have felt their call to the ministry later in life and who are not able to take the full degree program, Olivet Nazarene University offers the Ministerial Certificate Program.

This program is described in the Catalog under the Division of Religion and Philosophy.

Graduate Studies

The Division of Graduate Studies offers programs leading to master’s degrees. Studies include Education, Religion, Business, Church Management and Pastoral Counseling. These programs are described in Chapters 9 and 10 of this Catalog and in a separate bulletin of the Graduate Division.

Degrees offered include the Master of Arts, Master of Arts in Education, Master of Church Management, Master of Pastoral Counseling, and Master of Business Administration.
Chapter 3

Student Life

Under the direction of the Dean of Students, a concerted effort is made to encourage the development of the whole person. Through numerous organized activities, an extensive system of counseling and guidance, a supportive residence hall program, and a well developed system of student government, each student is encouraged to develop his full potential as a well integrated person.

Counseling Services

Olivet provides an effective counseling program which is designed to make capable and mature advisers available to students. Each entering freshman is assigned to a faculty member who serves as his academic adviser until he has chosen his major, at which time he will be assigned to his major academic adviser.

Besides the assigned adviser the student is encouraged to utilize all of the counseling services on the campus including the Dean of Students, Director of Student Activities, Registrar, Career Center Director, Director of Retention, counselors-at-large, resident directors, student resident assistants, the administrative personnel of the university, faculty, and all area pastors.
Orientation for New Students

Olivet Nazarene University seeks to assist in every way possible to orient its students to the academic, social and religious life of the university. The orientation program consists of a variety of activities including testing, student-parent orientation sessions, and other transitional activities especially designed to assist the student in launching a successful college career.

Special orientation programs for incoming students are sponsored by the university during the summer months prior to the opening of school. At this time each new student will visit the campus with his parents, participate in the advising program, register for the first semester of academic work, and make his housing selection. Special orientation sessions will be held with the parents to acquaint them with the university program.

The total orientation program is coordinated with the freshman advising program of the institution and is under the direction of the Assistant Dean of Instruction.

Resident Campus Philosophy

The administration of regulations regarding student conduct is one of the responsibilities of the Dean of Students. Resident students are immediately responsible to the Resident Directors of the various residence halls. These persons are responsible to the President of the university through the Dean of Students and his staff for personal guidance to all students. Non-resident students are urged to seek the advice and counsel of the counselors-at-large, the Dean of Students, and the Director of Student Activities.

Policies and practices of conduct are formulated with the development of spiritual and scholastic attainments in mind. The university reserves the right to request withdrawal on the part of any student who manifests an inability or disinclination to conform to the policies.

Students are expected to observe the policies of conduct and have agreed to do so by making initial application for admission as a student. Policies of the university are in effect as long as a student is enrolled, both on campus and off, and during vacation periods. Failure to keep this commitment may result in a variety of disciplinary actions, including suspension from the university. The policies of conduct are as follows:

1. All students are encouraged to be faithful in their attendance at the services of their church and are urged to support its total program.
2. Students must abstain from the use of coarse or obscene language, profanity, tobacco, alcoholic beverages, narcotics, all forms of hallucinogenic drugs, gambling, immoral conduct, including sexual promiscuity, as well as other forms of personal dishonesty.
3. Students must refrain from all forms of hazing and/or conduct which is destructive or disrupts the normal campus activities.
4. Students must refrain from attending the commercial motion picture theater, dances, secular rock concerts, discotheques, night clubs, taverns, and similar forms of entertainment.
5. The possession of firearms or the possession or use of explosives of any kind is forbidden.
6. Normally it is undesirable for students to be married during the academic school year. Under certain circumstances, permission may be granted by the Dean of Students for students to marry during the regular student vacation periods and between semesters. In such cases it is necessary for the student to secure the counsel of the Dean of Students of the college at least 30 days prior to the date of the marriage.

7. The following is a statement for guidance in the matters of dress: Olivet Nazarene University has traditionally sought Christian simplicity, modesty, and propriety in dress and appearance. (See Student Handbook.) This is in harmony with the Bible and the guidelines of numerous other evangelical denominations. All students are expected to comply with the spirit as well as the letter of the General Rules of the supporting denomination in these matters.

8. Non-married students under the age of 23 who are enrolled for seven hours or more per semester are required to live in university residence halls and participate in the board plan. Students enrolled for six or fewer hours or who are 23 years of age or older and who desire to live in university residence halls may do so subject to permission from the Dean of Students.

   Married and previously married students are not permitted to live in the residence halls.

9. All over-night or extended campus leaves are subject to the Dean of Students. Students are urged to limit their week-end passes to one per month.

10. Arrangements for single students living off the campus must be approved by the Dean of Students.

11. Students who room at private residences off campus are under the same policies as students who room in the residence halls.

12. Students are expected to observe all rules and regulations governing the various residence halls. (See Student Handbook.)

13. The school has the authority to formulate reasonable rules at any time in keeping with the standards and purposes of the institution.

14. The University is not liable for loss of students' personal property through theft, fire or other perils. Students are encouraged to inquire if their possessions are covered under their parents' homeowners insurance policy or other policies if desired.

15. The University does not provide personal health or accident, personal property or motor vehicle insurance for students. It is the responsibility of the student to secure such coverage. See the Insurance section of the Catalog, Chapter 4, on Financial Information.
Student Government and Organizations

The governing unit of the Associated Students of Olivet Nazarene University is the Student Council. This body is responsible, along with the university administrative officers, to foster wholesome social and religious activities on the campus. Under its jurisdiction the various academic and social clubs carry out these various activities. These clubs include: Business Club, Home Economics Club, Honor Society, Association of International Students, Music Educators, Pre-Med Club, Pre-Law Club, Philosophical Society, Psychology Club, Sigma Tau Delta (English Club), Nurses Christian Fellowship, Varsity Club, Association of Physics and Engineering Students, Kappa Delta Pi (National Education Honor Society), Phi Alpha Theta (History Club), Art Club, Secretarial Club, Drama Club, Circle K, Ministerial Fellowship, Ski Club, Fellowship of Christian Athletes, and Concerned Christians in Action.

Publications — The students at Olivet sponsor two publications: the Aurora, the university annual; and the Glimmerglass, the university newspaper. These publications provide a channel for literary and artistic expression and add greatly to the campus environment. In addition to these The Olivetian, a bi-monthly newspaper, is published by the university administration to communicate with students, parents, alumni, prospective students, and friends of the university.

Residence Associations — The Women's Residence and the Men's Residence Associations are designed to assist in meeting the various needs of students in residence. They endeavor to foster Christian fellowship, promote the fundamentals of etiquette, and carry on a continuous program of residence hall life improvement. Among some of the activities sponsored by these organizations are: parent weekends, coronation of homecoming queen, prayer meetings, open house, spiritual counseling, basketball tournaments, and various inter-residence hall activities. The W.R.A. and M.R.A. Councils consist of an elected president and representatives from each of the four academic classes. Membership is voluntary and open to all students living in residence halls.

Religious Organizations — The Spiritual Life Organization sponsors several religious programs and activities for the purpose of fostering a vital spiritual life on the campus and providing opportunities for Christian service.

The Spiritual Life Committee assumes responsibility for two on-campus programs, namely, Campus Ministries, which meets informally for Christian worship and fellowship; and Sunrise which is designed to maintain a missionary emphasis among the students and provide fellowship for students preparing for the mission field.

Under the direction of Campus Ministries, Prayer Band meets each Tuesday and Thursday evenings in the Kelley Prayer Chapel. These services provide a time for students to minister to students through the Word of God, song, and testimony.

Spiritual Life also directs three off-campus ministries which include: Life-Song Ministries, Disciples in Drama, and Evangels. These organizations are responsible for the off-campus ministries of the students involving services and witnessing programs in the churches on the educational region, and ministry in the local Kankakee area through service organizations and rest homes. Every student is invited to participate in Spiritual Life activities with on-campus or off-campus interests.

Musical Organizations — The Department of Music provides students with various opportunities for musical expression through its choral and instrumental
organizations. Those groups are: Brass Consort, Choral Union, University Orchestra, Concert Band, Stage Band, Concert Singers, Handbell Choir, Orpheus Choir, Treble Clef Choir and Viking Male Chorus. These ensembles, together with University-sponsored quartets and trios, provide vitally important performance experience and represent Olivet locally and on the educational region.

**Intercollegiate Athletics** — Olivet is a member of the National Association of Intercollegiate Athletics, The National Christian College Athletic Association, and participates in intercollegiate athletic competition in the Chicagoland Athletic Conference. Intercollegiate sports for men include baseball, basketball, football, golf, soccer, tennis, track and wrestling. Intercollegiate sports for women include basketball, softball, tennis and volleyball.

Intercollegiate athletics are considered an integral part of the total educational program of the university. Students who participate must be registered for a minimum of 12 hours and must meet all the eligibility requirements set forth by the university and the N.A.I.A. Through Christian athletics the students find unique opportunities for witnessing for Christ.

**Intramural Athletics** — Olivet Nazarene University sponsors a well balanced program of intramural athletics for men and women. The intramural program is under the direction of the Department of Physical Education.

The purpose of the intramural program is to provide a variety of activities for men, women and co-ed competition. All students, faculty and staff members will have opportunity to fill their leisure time with wholesome fun in individual and group activities. Active participation in intramurals can fulfill the need for exercise and social development.

Participation in intramural activities contributes to the physical, mental, social and spiritual health of the individual. Bodily exercise, making decisions through thinking, group participation, and using good sportsmanship are building blocks for good health.

Birchard Field House includes basketball and volleyball courts, swimming pool, weight-lifting room and indoor track. Snowbarger Athletic Park has 30 acres of outdoor fields for football, soccer, baseball, softball, one mile jogging track, ice rink, track and field facilities, and tennis courts.

A new physical education center is being planned. It will be located between Birchard Field House and Chalfant Auditorium, and connected to those buildings. A construction start is anticipated in the spring of 1988, with completion in the fall of 1989.

**Chapel/Convocation**

The Chapel/Convocation at Olivet is a major factor in the development of a strong sense of community and common cause among students, faculty and administrators on the campus. This activity is the occasion for the Olivet community to develop and clarify values and priorities, to share in musical and dramatic performances, and to find guidance relating to the crucial choices to be made in the college years.

For a Christian university, the shared moral values and devotional themes are very effective in achieving the above purposes and in confirming the ethical teachings learned by most of the students in their homes.

Chapel/Convocation programs are normally held Wednesday and Thursday mornings in Chalfant Auditorium from 9:35 to 10:15. During revival time and
other special occasions, convocation chapel may also be held on Monday, Tuesday and Friday, and lasts about one hour.

A. Resident Student Attendance Requirements: All resident students are required to attend all chapel/convocation services with the exception of three per semester. The absences are for personal convenience (illness, car trouble, doctors’ appointments, personal problems, travel, job interviews, etc.) and must be used wisely. Only after a student exceeds this number of absences permitted will excuses for illness or other extreme circumstances be considered by the Chapel Attendance Director.

B. Non-Resident Student Attendance Requirements: Attendance by non-resident students in chapel/convocation programs is subject to the following regulations: (a) full-time students (those carrying 12 or more hours) are required to attend all chapel services; (b) attendance of part-time students may be adjusted in proportion to the academic load.

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<td>12 or more hours</td>
<td>2 days a week plus convocations</td>
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<td>6-11 hours</td>
<td>1 day a week plus convocations</td>
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<td>Optional attendance</td>
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For all non-resident students who are taking more than five semester hours of classes, the number of absences a semester will be set as the number of weekly required chapels plus one. For example, a student who attends one day a week plus convocations would be allowed two absences a semester.

C. Students with conflicts affecting Chapel/Convocation program attendance may petition to be exempt. Petitions for exemption from Chapel/Convocation attendance may be made in the Chapel Office in Chalfant Hall at the beginning of each semester. Exemptions may be granted for field trips, required field experiences, and similar cultural and educational activities related to course requirements. Conflicts with employment and other hardship situations will be considered upon receipt of a petition. Persons with bona fide creedal differences shall be eligible for exemption. All petitions are acted on by the Chapel/Convocation Committee.

D. A student registered for more than five hours a semester will not be excused for all Chapel/Convocation programs for more than two consecutive semesters.

E. Attendance is checked daily. Absences beyond the provisions of above regulations will be subject to serious disciplinary action. Three tardinesses for a student shall count as one absence.

F. A student must present a copy of his or her Request for Change in Registration (Drop and Add form) to the Chapel Attendance Director within 72 hours after it is signed officially in the Registrar’s office, if it changes the student’s attendance requirements and responsibilities.

G. Additional policies on Chapel/Convocations are published in the Student Handbook and bulletins distributed by the chapel office at the beginning of each semester.

Artist, Lecture and Culture Series

Olivet has many distinguished guest speakers and groups throughout the school year sponsored by several lecture series and the Artist/Lecture Series. These programs are open to students, faculty and staff and the community.

The Artist/Lecture Series is funded in part through student activity fees and in part by admission fees. These programs have included eminent speakers like Dr. E. Stanley Jones, Dr. Wernher Von Braun, Coach John Wooden; Anthony
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Campolo, musical groups including the United States Navy Band, the Walden String Quartet, the Roger Wagner Chorale, Chicago Symphony Orchestra String Players, Nordic Choir from Luther College, D. Paul and Janet Thomas, Salvation Army Chicago Staff Band, Robert Hale and Dean Wilder, plus other programs of discussion, films, music and drama.

The Staley Distinguished Christian Scholar Series has been given by Dr. Carl F.H. Henry, Dr. Oswald Hoffman, Dr. Ponder Gilliland, Dr. John Allan Knight, Dr. Stanley D. Walters and Dr. Myron Augsburger. It is sponsored by the Staley Foundation.

The Dickerson Chapel Series is sponsored each year by Rev. and Mrs. Harry W. Dickerson. Speakers have included Dr. Earl Lee, Mr. Bob Benson, Dr. Leslie Parrott, and Rev. Reuben Welch.

Motor Vehicles

All motor vehicles owned or operated by students must display an official university vehicle permit. All students must register their vehicles with the Traffic and Security Department at the time of registration or within 48 hours after securing a vehicle. Failure to register a vehicle according to these regulations may result in a fine and denial of permit for the remainder of the semester. Single students living under university supervision, either in a university residence or in university-approved private homes, are encouraged not to maintain vehicles for personal use while enrolled at Olivet.

It is within the discretion of the university administration to disqualify any applicant or revoke a permit by reason of any one or all four of the following: (1) academic deficiency, being interpreted as falling below a grade point average of 1.75 in any grade period; (2) financial incapacity, or the inability to satisfactorily discharge financial obligations while enrolled as a student; (3) social infractions, particularly those involving the use of vehicles; and (4) excessive traffic violations. A vehicle permit may be revoked at any time by the Traffic and Security Department if it is considered that the student is misusing his vehicle privilege. A copy of Olivet’s vehicle traffic and parking regulations is available to each student from the Traffic and Security office. Olivet Nazarene University is not responsible for any damage, fire, theft, vandalism, etc. to any student’s vehicle.

Vehicles used for student transportation shall be fully covered by liability and property damage insurance at all times.
Freshman orientation is a family affair with students, parents and faculty counselors. The Apple family from Oakland, Indiana, has brought nine children through Olivet.

Chapter 4

Admissions Policies and Procedures

Olivet Nazarene University desires to enroll students who are genuinely interested in an “Education with a Christian Purpose.” We believe that Jesus Christ should be the foundation and center of every individual’s life. A life can never be complete unless it finds fulfillment in Jesus Christ, neither is knowledge complete unless it is related to eternal values. The influence at Olivet is intended to be profitable as well as conducive to the highest standards of living.

Admission is based on the composite picture afforded by the student’s transcripts, test scores, personal recommendations and the student’s statement of interests. The Admissions Board is responsible for final action on each application.

Admission to the University does not constitute admission to any or all programs of specialization. Reasonable specific requirements are indicated under the program listing.

Olivet admits qualified students without discrimination in regard to race, creed, handicap, sex, national and ethnic origin to all the rights, privileges and activities generally accorded or made available to students at the university. It does not discriminate on the basis of race, color, creed, handicap, sex, or national and ethnic origin in administration of its educational, admissions, financial aid policies, scholarship and loan programs, athletic and other university administered programs.
Interviews And Campus Visits

Students who are considering Olivet Nazarene University are encouraged to visit the campus to meet admissions counselors, faculty and students. While a personal interview is not required, it may be very helpful in creating a university program and career plan for the student.

Visits to the campus are especially valuable on days when classes are in session. Special days are held for larger group tours and conferences.

Individuals, families and church groups who desire a special visit to the college are invited to write or phone the Admissions Office for advance arrangements and appointments.

Counselors from the Admissions Office are available for assistance in campus visits, church services, informational programs in churches, personal correspondence and phone consultation about admission to Olivet.

Two Aspects of Admission To Olivet

Admission to Olivet Nazarene University involves both academic achievement and a commitment to a lifestyle consistent with the objectives and values of Olivet.

In signing the application for admission, a person agrees to abide by the ethical and moral principles of the university as well as to apply himself to the task of learning and mental development.

Personal Preparation for Admission

Olivet Nazarene University is concerned about the development of the whole person. The atmosphere prevalent on the campus is conducive for Christian growth and maturity.

It should be considered a privilege to become an “Olivetian.” All students are expected to reflect a lifestyle that is exemplary of Olivet ideals.

As a community of students, teachers and administrators, the personnel of the university are interdependent for successful intellectual, social and spiritual growth.

The person who is accepted as a student at Olivet understands the purpose and philosophies of the university, and agrees to adhere to the rules of conduct in signing the application for admission. Policies and practices of conduct are outlined in Chapter 3 of this catalog, in the application for admission, and the Student Handbook.

High School Preparation

The student expecting to enroll at Olivet should concentrate on a college preparatory program in high school. A student with a good background in English and literature, mathematics, natural science and social science should be able to learn effectively and succeed in college studies.

The student must have a minimum of fifteen units of academic work at an accredited high school in grades nine through twelve, with a grade average of “C” or above in college preparatory subjects. The student must rank in the upper three-fourths of the graduating class.

The high school work shall include a major (three units) in English, an additional major and one minor in fields of Foreign Language, Mathematics, Natural Science, or Social Science. A major is three units of work, a minor is two units.
In certain cases where the applicant ranks in the upper half of the high school graduating class, specific major and minor requirements may be waived. Subjects acceptable in these fields include:

**English:** history and appreciation of literature, composition and grammar, oral composition when given as part of a basic English course.

**Foreign Language:** a major is three units, two of which must be in the same language; a minor is two units in the same language.

**Mathematics:** algebra, plane, solid and spherical geometry; trigonometry; and advanced mathematics (calculus). General mathematics may be accepted if the content of the course is essentially the same as algebra and geometry.

**Natural Science:** biology, botany, zoology, chemistry, physics, general science, physiology, astronomy and geology. The major must include at least two units chosen from biology, botany, zoology, chemistry or physics. The minor must have at least one unit from the same subjects.

**Social Science:** history, civics, economics, commercial or economic geography, sociology. The major must have at least one unit of history.

A student with academic deficiencies may be required to take remedial courses in reading and English. The Essentials of Learning program or the General Educational Developmental examination (GED) offer alternative methods of admission to college.

### Admission Tests

The American College Test (ACT) is required of all students before final admission as freshmen. It is recommended that the test be taken in the senior year or the last semester of the junior year in high school. Information about testing locations and dates may be obtained from the high school guidance office. Olivet's ACT code number is 1112. When the test is taken, request should be made that the scores be sent to Olivet Nazarene University.

If the test was taken previously, and the scores were not sent to Olivet, write ACT in Iowa City, Iowa with the request for scores to be sent to Olivet. Notation of the scores on the high school transcript is not sufficient. The ACT is also given at Olivet during the summer during freshman orientations for students unable to take the test in their home area.

If a student has a low grade average in high school, then the ACT results are used to consider the chance of success in college.

### General Educational Development Examination (GED)

Mature persons above high school age (19 and over) who have not completed high school but who have had other opportunities to develop educationally may be academically qualified for admission to Olivet by the successful completion of the General Educational Developmental examination. Information on testing locations and dates may be obtained from the Admissions office and most high schools.
Essentials of Learning Program

Some applicants who completed high school, but whose prior academic achievement is poor, may be admitted provisionally through the Essentials of Learning Program if other information in recommendations and personal statements indicate serious purpose and a desire to succeed.

Students with less than a "C" average in the college preparatory subjects whose deficiencies are confirmed by a weak score on the ACT (American College Test) are required to participate in the Essentials of Learning program before even provisional admission is granted.

This program begins prior to the beginning of the fall semester. By the improvement of study skills, thorough orientation to college, and special counseling, the student is given assistance to remove the deficiencies and to correct the patterns of previous attempts at academic work.

Judgments as to the quality of the work in this program are made by the Director and the faculty of that program on each student. Campus citizenship and character will be judged by the Dean of Students.

Upon full participation and successful completion of this program, the student is admitted to college. Two semester hours of credit for GS 101 will not be entered on the transcript of the student until the successful completion of other courses in the fall semester.

Doubtful cases will be decided by the Admissions Board. If the student does not complete this course satisfactorily, admission to the university will be denied.

Admissions Procedures for Freshmen

1. Complete the Application for Admission secured from the Admissions Office. Detailed instructions are included on the form. This may be filed in the senior year, or in the last semester of the junior year.

2. Request that the high school send a transcript of at least six semesters of work to Olivet Nazarene University, along with a recommendation from the guidance office or principal. A form is included in the admissions packet to be given to the high school. Request must also be made that the high school send the final transcript after the student has graduated from high school.

3. The student should request that the two certificates of recommendation be sent by those who fill them out directly to the Admissions Office at Olivet.

4. Arrange with the high school guidance office to take the American College Test (ACT) when convenient. This is usually taken in the spring of the junior year or during the senior year. ACT has at least five national testing dates at regional centers.

Scores from the Scholastic Aptitude Test (SAT) may be considered toward your admission, but the ACT must be taken at some time before enrollment.

5. Send the housing deposit of $30.00 with the application for admission if the student will be living in university residence halls. See Chapter 3 on Student Life for residence hall living requirements. Campus housing cannot be assigned until this deposit is submitted and the student is accepted for admission. The deposit is refundable up to 30 days prior to the start of a semester in case the student does not enroll. Rooms are assigned by the Associate Dean of Students.
6. Apply for financial aid, if needed, as early as possible in the year of enrolling in college. The Financial Aid Form (FAF) is generally available in November or December for the following school year. See the chapter on Finances and Financial Aid for more details.

7. Upon receipt of the completed application, transcripts, and recommendation forms, action will be taken by the Admissions Office. Notification of acceptance, contingent upon actual graduation from high school and receipt of the final transcript, will be sent to the student by mail as soon as possible.

8. With notification of admission, a health questionnaire will be sent for completion. This must be filed with the university before registering for classes. It is kept in the college health office for reference by the university nurse and physician if needed.

9. A small personal photograph will be needed for the admissions file. The usual high school senior portraits (wallet size) are commonly sent.

10. New students and their parents are invited to the campus for a brief orientation period during the summer preceding the first enrollment in Olivet, or at the beginning of the spring semester. These sessions provide a more extensive introduction to the university, and opportunity to select courses and housing. Invitations will be sent by the Admissions Office to accepted students who have completed all the above steps in the admissions process. The earliest accepted students are invited to the first orientation. The orientation includes some additional diagnostic testing. Freshmen are admitted to classes only after completing the freshman testing and orientation program.

11. The final date for filing an application for admission and transcript is: August 1 for the Fall Semester, January 1 for the Spring Semester, and June 1 for the Summer Session.

**Admissions Process for Transfer Students**

The same basic steps are involved for transfer students as for new freshmen, except that the high school transcript need not be sent. Transcripts of all other college work must be sent to Olivet for evaluation of transfer credit. Scores of the American College Test are desirable, but not required of transfer students.

**Transfer Students Admission**

Students with previous college work in other accredited colleges or universities may seek admission to advanced standing at Olivet. The regular admissions process is to be completed. Attendance at all other post-secondary institutions must be reported, and official transcripts of all this previous college work attempted must be sent, on the request of the student, directly from the college or university to Olivet.

Advanced standing will be determined from these credentials, subject to these conditions:

1. An endorsement of good standing from the institution last attended. Students on either academic or disciplinary probation are not accepted at Olivet Nazarene University.

2. The cumulative grade point average will be considered in determining admission. Students must show a grade average of "C" or above. Students with a cumulative GPA below "C" may be denied admission or admitted
under probationary status as defined under "Academic Regulations." Any course with a grade of D or F will not be accepted as transfer credit, but will be calculated in the grade point average for determining admission, financial aid and athletic eligibility.

3. A maximum of 68 semester hours will be accepted from two-year colleges as transfer credit at Olivet.

4. Courses accepted for transfer must be comparable to those taught at Olivet in meeting requirements for General Education, majors and minors, and course prerequisites.


Unclassified Students

Guest students admitted to a degree program in another institution may enroll in Olivet Nazarene University by presenting a letter of authorization from the Dean or Registrar of the other college, along with an application for admission. Special students may enroll in courses not leading to degrees at Olivet Nazarene University by showing evidence of their ability to profit from the course. Guest and Special Students must indicate their acceptance of the ideals of the university in signing the application for admission. See the section on "Unclassified Students" in the chapter on Academic Regulations.

Readmission

A student whose enrollment has been interrupted for one regular semester or more at Olivet Nazarene University must be approved for readmission before registering for courses again. An Application for Readmission form may be obtained from the Admissions Office and filed there with the requested recommendations.

If the student has registered at another college since attending Olivet, a transcript for that work must be sent from that institution to the Admissions Office. Not enrolling in a summer term or January term is not considered an interruption of studies which necessitates readmission.

Orientation for New Students

Olivet Nazarene University seeks to assist in every way possible to orient its students to the academic, social and religious life of the university. The orientation program consists of a variety of activities including testing, student-parent orientation sessions, and other transitional activities especially designed to assist the student in launching a successful college career.

Special orientation programs for incoming students are sponsored by the university during the summer months prior to the opening of school. At this time each new student will visit the campus with his parents, participate in the advising program, register for the first semester of academic work, and make his housing selection. Special orientation sessions will be held with the parents to acquaint them with the university program.

The total orientation program is coordinated with the freshman advising program of the institution and is under the direction of the Assistant Dean of Instruction.
Waivers and Advanced Placement by Examination

The College Level Examination Program (CLEP) may be used to establish credit and advanced standing for students who have attended nonaccredited colleges or institutes. It may be used to establish up to 21 hours of General Education credit. Incoming freshmen ranking in the upper ten percent of their graduating class and in the upper decile on their ACT composite score may take the CLEP and Olivet English test to establish advanced standing and credit up to 24 hours. (See Chapter 5 for fees for CLEP tests and credit.)

Credit will be granted only on scores at or above the 50th percentile. Credit validated by use of the CLEP does not apply toward a major or minor unless so specified by that department. The student will be charged a $30 fee per hour for such credit. In all cases, full academic credit for such work will not be granted until the student has completed successfully at least one semester of work at Olivet Nazarene University. Waiver of required freshman courses will allow the student who has done superior work in high school to take more elective courses.

Students accepting credit in any of the CLEP tests should not take equivalent courses at Olivet or elsewhere, since credit cannot be given twice for the same courses.

The CLEP tests can be used to substitute for these equivalent courses at Olivet:

<table>
<thead>
<tr>
<th>CLEP</th>
<th>Credits</th>
<th>ONU Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biological</td>
<td>3 hours</td>
<td>Biology 101</td>
</tr>
<tr>
<td>Physical</td>
<td>3 hours</td>
<td>Natural Science 102</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 hours</td>
<td>Mathematics 101</td>
</tr>
<tr>
<td>Humanities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3 hours</td>
<td>Fine Arts 101</td>
</tr>
<tr>
<td>Literature</td>
<td>3 hours</td>
<td>English 109, 110, or 111</td>
</tr>
<tr>
<td>Social Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Science</td>
<td>3 hours</td>
<td>Sociology 121</td>
</tr>
<tr>
<td>History</td>
<td>3 hours</td>
<td>History 101</td>
</tr>
</tbody>
</table>

A student must receive credit in both biological and physical science in order for Olivet’s “laboratory science” requirement to be satisfied.

CLEP credit does not apply toward the intercultural understanding General Education Requirement.

Nursing, mathematics or science majors may be required to actually take the science and mathematics courses rather than accept CLEP credit. If you have questions, consult with the registrar before taking the CLEP tests.

Three hours of English Composition credit (English 103) will be granted to students who pass an institutionally administered writing sample. This writing sample will be used instead of the English CLEP test.
The central campus includes 28 major buildings in a park-like setting. More buildings and recreational areas are to the right beyond this photo. Complete map of campus — page 192.

**Chapter 5**

**Financial Information**

The education costs for Olivet are among the lowest for Midwestern colleges, and are made possible by generous support from the Nazarene districts which comprise Olivet's educational region.

Olivet's business office, financial aid and admissions counselors are prepared to aid students and parents in planning to meet the cost of their educational experience. Several plans or "packages" of financial aid are available to fit individual needs through a combination of payment plans, scholarships, grants, loans and employment.
Financing the University

Olivet Nazarene University is an independent liberal arts university related to the Church of the Nazarene. The 840 congregations in Illinois, Indiana, Michigan and Wisconsin have individual educational budgets which are paid annually to the university. Last year, funds received from these churches came to more than $2 million.

Gifts from many alumni, friends, businesses, and foundations along with the church support enable the university to offer its high quality education at a tuition charge well below other independent liberal arts colleges in the area. A large number of corporate and foundation gifts are received each year, both in direct gifts and through matching gift programs with company employees.

Tuition, room, board, and fees from students make up a large portion of the operating budget of the university, unlike the state universities and community colleges which receive the major portion of operating funds from tax revenues.

Current Cash Gifts and Securities

Many friends of the university make cash gifts to the university throughout the year. Some gifts are for specific purposes, while others are for general needs. Gifts of securities and properties which have significantly increased in value are not only an asset to the university, but may also be beneficial for the donor in consideration of capital gains and income tax obligations.

All gifts to Olivet Nazarene University are eligible for consideration as income tax deductions.

Scholarship Gifts

Gifts for student scholarships may be made in two ways. 1. Gifts for scholarships may be used directly for student aid during the school year. 2. A capital fund is maintained through the Olivet Foundation, invested so that only the earnings of the gifts are awarded in scholarships each year. Gifts of $2,000 or more may be designated as a scholarship fund named in honor or memory of the donor or a selected individual.

Recipients of these scholarships are determined by the university Scholarship and Financial Aid Committee.

ONU Fellows Program

The ONU Fellows program was begun in 1977 to help provide money for the unfunded honor scholarships. An ONU Fellow is a person who has made a commitment of $1,000 to the college. There is an annual dinner for the ONU Fellows, and a newsletter from the president. The counsel and help of these persons is esteemed highly.

Bequests, Gift Annuities and Life Income Agreements

The ONU Foundation has a number of programs designed to assist people who wish to invest a portion of their life savings in education at Olivet. The Director of Development, Director of the Foundation, or Business Manager of the University is prepared to give suggestions and counsel, together with a donor’s attorney.
General Expenses

The following is an itemized estimate of the cost of a regular course for one semester:

1. Registration Fee ................................................................. $10.00
2. General Fee ......................................................................... $55.00
   (Required of all students enrolled for seven hours or more, includes student activity,*
   student services, and mail handling fees)
3. Tuition charges for 12 to 18 hours ................................. $2,156.00
   For a student taking a full load of 18 hours, this is equivalent to a tuition charge of $120.00
   per hour. For more than 18 hours, the charge is $128.00 per additional hour. For
   students taking a part-time load of less than 12 hours in the fall or spring semester, the
   tuition charge is $192.00 per hour.

   Applied Music Tuition Additional
   Private (piano, voice, organ and orchestral
   instruments for one lesson per week
   per semester) ........................................... $100.00
   Class (piano, voice, and orchestral instru­
   ments per course) .............................. $50.00
4. Room and Board (Board cafeteria style) average cost*** ...... $1,312.00

Total Tuition, Fees, Room and Board (Semester) ................ $3,684.00

Total Tuition, Fees, Room and Board for
a school year (two semesters) ........................................... $7,368.00

* The Student Body, acting on the recommendation of the Student Council, establishes a
general student activities fee from year to year. This fee takes care of the Aurora (the univer­
sity yearbook), the student newspaper, artist series, and absorbs the ordinary class dues. The
assessment voted by the student body is $40.00 per semester. Occasionally the student body
will vote a small fee for a special project. The above is intended to be a general guide and not
an exact statement.

** Every student living in university housing will be assessed a $100 security deposit against
vandalism in the residence halls. This will be added to the school bill when the student enrolls.
The deposit is to cover the cost of any vandalism in public or general areas of the residence
halls during the entire school year. Damage in a residence hall for which responsibility cannot
be determined will be charged on a pro rata basis to all residents during that semester. The
deposit will be refunded after the student vacates university housing, following all provisions
of proper checkout procedures, except that it may be offset against any indebtedness to the
university. Persons known to be responsible for vandalism will be charged the full amount
personally. Such amounts will not then be charged to the general security fund. Damage in a
student’s room is chargeable to the residents of that room, or to the person(s) known to have
caused the damage.
Laboratory and Special Fees

Automobile Registration and parking per school year
- Resident student (campus residence halls) ...................................................... 30.00
- Non-resident student ............................................................................................ 15.00

Change in registration after the first week ........................................................ 5.00

Graduation Fee ......................................................................................................... 30.00

ID Card replacement charge ................................................................................... 10.00

Key Deposit for Room ........................................................................................... 5.00

Laboratory Fee, per course, per semester
- (Science, Nursing, Computer, Home Economics, Physical Education, Business, Art, Music, etc.) ............................................................. 30.00

Late Registration (one day late) ............................................................................. 10.00

Second day and after, per day additional ...................................................... 2.00

Liability Insurance for Nurses, per year ............................................................... 20.00

Lockers, per semester ........................................................................................... 5.00

Returned Check Fee ................................................................................................ 10.00

Room Deposit ........................................................................................................... 30.00

Security/Vandalism Deposit for Residence Hall Students ........................... 100.00

Student Teaching, per semester hour ................................................................. 11.00

Tests and Examinations (ACT, CLEP, NLN, Proficiency) per test ............ 20.00

Credit per hour resulting from Audit, CLEP, Proficiency .............................. 30.00

Methods of Payment

1. All charges are due and payable at the time of Registration at the beginning of each semester or term. Checks should be made payable to Olivet Nazarene University. It is helpful if the student ID number is on the check. An itemized statement will be sent to the student's campus mailbox, or to the parent's address as specified at registration.

2. Acceptable methods of payment are as follows:
   A. Payment in full.
   B. 50% down at registration, 25% within 30 days and the balance within 60 days following registration. Interest will be charged according to the statements below.
   C. 30% down at registration, 30% within 30 days and the balance within 60 days following registration. Interest will be charged according to the statements below.
   D. For students and parents desiring to pay educational expenses in monthly installments, a low cost deferred payment plan is available through Educational Funds, Inc., or Academic Management Services. Both plans call for 10 monthly payments beginning July 1. For information write EFI, 2700 Sanders Road, Prospect Heights, IL 60070, or AMS, 1110 Central Avenue, Pawtucket, RI 02861.
   E. We accept Visa and MasterCard.

Where financial aid has been awarded, the percentage of down payment and payment of balance is calculated after deducting such awards.

3. Any financial arrangements between the University and its students will be binding only if such agreement is in printed or written form. Any arrangements concerning finances should be made with the Bursar only.
4. A 1.5% interest charge is added each billing period (usually monthly) to the balance at the beginning of the billing period, less any payments during the month. The cut-off for each billing period is usually around the 23rd of the month but may vary. To avoid an interest charge for a given billing period, payments should be received by the 23rd of the month. Interest on the unpaid balance will be charged from the day of registration. (If the balance is to be paid by a federal or state grant, interest will be reversed when the federal or state grant check is received at Olivet.)

No degree will be conferred or credits transferred until all accounts are paid in full. When clearing a student account for graduation or to receive a transcript, payment must be made by cashier's check, certified check, or personal money order if immediate clearance is needed. If payment is made by personal check, a waiting period of 45 days is necessary for the check to clear the bank.

Any student who has become delinquent through failure to make payment or proper arrangements may be disenrolled until such matters are satisfactorily taken care of with the Bursar.

5. Books and supplies must be paid for at the bookstore. We accept Visa and MasterCard. Books and supplies may not be charged to the student account unless the student account has a credit balance.

6. For further information concerning payment of student accounts, contact the Student Accounts Office in Miller Business Center, (815) 939-5161.

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**Room and Board**

All students living in the residence halls are required to participate in the board plan. In case of withdrawal from the school the board will be refunded on a pro rata basis.

1. Rooms are rented for full semesters only. Students vacating a room during the first half of a semester will be charged a minimum of one-half the semester rate. No refunds will be made for withdrawal during the second half.

2. A student is required to pay a room deposit of $30.00 when applying for admission. This room deposit is held until the student vacates university housing, and will be refunded provided proper check-out procedure is followed and the premises are left in satisfactory condition. The deposit will be refunded if the application for admission is not approved, or if a refund is requested before August 1, or no later than one month before the beginning of the semester for which the reservation was made.

Students who have been enrolled at the university and are leaving may request refund of the room deposit through their resident director. The refund will be mailed within 30 days if the student’s account is clear.

3. A deposit of $5.00 will be required for each room key.

4. The University is not responsible for personal property in case of theft, damage or loss by fire. In many cases a family homeowner’s insurance policy will provide some coverage for a student’s property “away from home.”

5. Students are required to pay for any damage, other than ordinary usage, to room, furniture or fixtures, including telephone equipment, during their occupancy of the room.

6. Every student living in university housing will be assessed a $100 security deposit against vandalism in the residence halls. This will be added to the school bill when the student enrolls. The deposit is to cover the cost of any vandalism in public or general areas of the residence halls during the entire school year. Damage in a residence hall for which responsibility cannot be determined will be charged on a
pro rata basis to all residents during the semester. The deposit will be refunded after
the student vacates university housing, following all provisions of proper checkout
procedures, except that it may be offset against any indebtedness to the university.
Persons known to be responsible for vandalism will be charged the full amount per-
sonally. Such amounts will not then be charged to the general security fund.
Damage in a student’s room is chargeable to the residents of that room, or to the
person(s) known to have caused the damage.

Student Insurance Coverage

Individual needs for insurance coverage are so varied that Olivet Nazarene
University does not carry any personal health, accident or property insurance for
students.

It is the responsibility of each student to provide their own personal insurance for
medical, accident, property and vehicles. In many instances, benefits of family
medical and homeowners insurance policies extend to cover students while enrolled
in college.

Students should check their own insurance agents or companies to be certain of
coverage. Students must have a health and accident insurance program in effect
while enrolled as a student at Olivet.

Vehicles used for student transportation must be fully covered by liability and
property damage insurance at all times.

Withdrawals and Course Drops

If a student officially withdraws from school or drops courses, the following
financial adjustments may apply:

1. Registration, General, Lab and other Special Fees: no refund.
2. Room: minimum refund of one-half if withdrawal is completed in the first
   half of the semester. No refund will be made during the second half.
3. Board: pro rata adjustment/refund on the unused portion as of the end of
   the week in which the student completes withdrawal at the Bursar’s Office
   and surrenders his meal pass.
4. If a student drops his course load below 12 hours during the semester,
   Tuition refund will be: 1st week — 90%; 2nd week — 80%; 3rd week —
   60%; 4th week — 40%; 5th week — 20%; 6th week — none.

The effective date of any withdrawal or course drop will be the date such with-
drawal or drop is officially requested. The official withdrawal date is the date
established by the student with the Assistant Dean of Instruction. The official
course drop date is the date the drop form is returned to the Registrar. Please
refer also to Chapter 6 on Academic Regulations: Change of Registration,
Withdrawal from School, and Class Attendance Requirements.

Adjustments are computed as of the end of the week in which the student
makes official withdrawal. Protracted absence from class does not constitute a
withdrawal, and will be treated as a failure.

No refund will be made in the case of students who are asked to leave school
because of violation of rules, or as a result of disciplinary action taken by the Stu-
dent Personnel Committee, except board, which would be as outlined above.
At Olivet Nazarene University we believe that every qualified student should have an opportunity for a college education in a congenial Christian atmosphere. Our financial aid program is designed to help students achieve these goals.

The purpose of financial aid has been interpreted variously through the years. Financial aid has been used to (1) aid needy students, (2) attract those with demonstrated academic achievement or athletic skills, and (3) strengthen the mission of the institution.

The comprehensive financial aid program includes scholarships, grants, loans and employment opportunities.

Need-based student aid is designed to provide monetary assistance to students who, without financial aid, would be unable to pursue a college degree. Educational institutions do not have unlimited funds to provide access and choice, and to ensure retention and academic success for all students facing economic barriers to post-secondary education. Because of the limitation of funds, and given the social value of awarding aid based on need, the demonstrated financial need has become the primary criterion in the awarding of financial aid.

Need-based financial aid is dependent on an equitable and consistent system of measuring need. Although the U.S. Department of Education has approved various need analysis systems for awarding federal financial aid, all of them are based on common assumptions.

The need analysis process is designed to provide objective measurements of a family’s ability to pay for higher education costs and related student expenses.

Key Assumptions Underlying Need-based Student Aid

1. Parents have the primary obligation to finance the education of their dependent children. The responsibility shifts to society only after the family’s resources have been determined to be insufficient to meet the costs of education.

2. A measurement of a family’s financial strength must take into account that family’s income and assets, as well as its expenses and liabilities. Other factors, such as extraordinary expenses or the size of the family, may affect a family’s ability to pay, and therefore must be considered.

3. To be consistent and equitable, the need analysis system must be an objective measurement of the family’s present financial strength. It does not evaluate what the family used to be or what it may be in the future. It does not make value judgments about the spending patterns of families. It can only assess, as consistently as possible, the objective data of “what is.”

4. The student also has a responsibility to help finance a university education. The student is the direct beneficiary of the education, and should normally share in the responsibility to pay for it. Student contributions are derived from expected summer savings, earnings during the academic year, and other assets.

The Financial Aid Director has offices in the Miller Business Center. These financial aid counselors and the admissions office counselors are readily prepared to advise students and parents concerning application for financial aids. Correspondence regarding financial aid should be addressed to the Director of Financial Aid, Olivet Nazarene University, Kankakee, Illinois 60901.
How To Apply For Financial Aid

It is the responsibility of the student and parents to complete all the necessary application forms and procedures.

All students seeking financial assistance by way of loans and grants must first have the parents or guardians complete the Financial Aid Form. A student's qualification for assistance rests largely on the basis of a satisfactory grade point average together with an analysis of the financial need.

A student's eligibility for financial aid is affected by his/her academic standing. Refer to Chapter 6 on Academic Regulations for additional information on Retention, Eligibility, and Satisfactory Progress for Financial Aid.

The College Scholarship Service is utilized to determine the financial need from the Financial Aid Form.

When it is determined the student qualifies for a grant, the grant is awarded on a non-repayable basis. Loans are awarded on the basis of repayment, usually after graduation or termination of studies.

The application to Olivet for financial aid and the Financial Aid Form should be filed in the year the student plans to enroll, and annually thereafter for continuing financial aid. Since the Financial Aid Form requires IRS information from the immediate past year, the form should be filed not earlier than January 1, and preferably before March 1, since the earlier applicants will receive priority consideration. Applications for aid for a new freshman would normally be filed in the spring of the senior year in high school, anticipating enrollment at Olivet in the fall semester.

Applications for financial aid will be accepted at any time after the above dates, and processed as soon as possible, as long as funds for awards are available.

Awards of financial aid, including university-based loan, grant and scholarship funds, will be made only to students who have been accepted for admission to the University by the Admissions Office.

The Financial Aid Form may be secured from the high school principal or guidance counselor, or from the Director of Financial Aid, Olivet Nazarene University, Kankakee, Illinois 60901. After completion of this form, send it to the College Scholarship Service. On the Financial Aid Form, request that the Financial Need Analysis Report be sent to Olivet.

Scholarships

Scholarships are awards offered on the basis of academic ability, special talents, or the personal interest of donors. These awards carry no obligation for repayment.

A number of scholarship awards are made available each year by Olivet Nazarene University. The scholarships at Olivet can never exceed the direct cost or generate a credit balance. This policy does not exclude additional scholarships or assistance from other sources.
Olivet Scholar Award. A student who graduates from an accredited high school (public or private) with a perfect Grade Point Average (that is, all A's or 4.0), has an ACT composite score of 30-36, or is Valedictorian of the high school class, may qualify for the Olivet Scholar Award.

A limited number of these scholarships will be awarded by the Scholarship Committee. The amount of this scholarship is up to one-half of the tuition charge, and may be applied to direct student cost provided the student is carrying a full-time load of courses. Consideration will be given to the student's scores on achievement tests such as the American College Test or the Scholastic Aptitude Test.

The scholarship may be continued for up to four years of undergraduate work provided the student maintains a grade point average of 3.6 or better each year.

Honor Scholarships: The Olivet University Honor Scholarship is a conditional award of up to $2,000 for students admitted to the University who rank in the top 5% of their high school graduating class or the top 5% of national ACT composite scores (28 or 29). No formal application is needed for incoming freshmen, as the award is made on the basis of the high school transcript and/or ACT score. The high school transcript must show the rank in class.

For full time students, credit on student account up to $500 will be awarded for the first year, half each semester, and each succeeding year for a maximum of four years, providing the student maintains a grade average of B+ or better (3.35).

The Olivet Nazarene University President's Scholarship is a conditional award of up to $1,000 for students admitted to the University who rank in the top 10% of their high school graduating class or in the top 10% of national ACT composite scores (26-27). No formal application is needed for incoming freshmen, as the award is made on the basis of the high school transcript and/or ACT score. The high school transcript must show the rank in class.

For full time students, credit on student account up to $250 will be awarded for the first year, half each semester, and each succeeding year to a maximum of four years, providing the student maintains a grade average of B (3.00).

Transfer students will be considered for the Honor and President's scholarships on the same basis as continuing Olivet students. Application forms may be secured from the Director of Admissions.

Students who are awarded the Olivet Scholar Award, Honor or President's Scholarship at Olivet who do not maintain the required grade point average for a school year to repeat that scholarship award in a subsequent year may be offered the next lower level of scholarship for which the student qualifies according to the grade point average earned.

Divisional Scholarships: A number of $100 scholarships are available to freshmen who show a very high proficiency in a particular field of study. In the Division of Fine Arts (Music Department), interested students should send an audition tape or plan a live audition on campus. In other divisions of the university, especially high scores on tests or other evidences of superior standing will be considered. Application forms may be secured from the Director of Admissions.
District Scholarships: The Nazarene Youth International organizations of eleven districts of the Central Education Region, Church of the Nazarene, offer several scholarships each to students from their district who attend Olivet Nazarene University. Conditions under which these scholarships are granted may be obtained by corresponding with the District N.Y.I. presidents. The current number and size of the scholarships offered are as follows:

Chicago Central: district quiz team members receive $100; an additional $500 is divided among those who have a perfect score at Regional Celebrate Life competition. Illinois: four awards of $250 each. Northwestern Illinois: Two awards for Bible Quizzing: $150 and $100. Indianapolis: Two awards of $200 each. Northeastern Indiana: Three awards of $500, and one award of $200 for quizzing. Northwest Indiana: $200 to the top quizzer; two awards of $200 each to graduating high school seniors; one award of $200 to a current ONU student. NWMS also awards a $200 scholarship to a Christian Service student at ONU. Southwest Indiana: one award of $400 to the top quizzer. Eastern Michigan: $400 general award, $400 ministerial award and $200 quizzing award. Michigan: two awards of $150, one award of $150 to the top quizzer. Wisconsin: one award of $100 quizzing.

The Olivet Nazarene University Prize for Bible Knowledge (Bible Quizzing): Olivet Nazarene University awards an annual prize of $100 in tuition credit to the Nazarene high school student on each of the districts of the Central Educational Zone who best demonstrates his knowledge of an assigned portion of the Bible as the top Bible quizzer, provided the District will add an equal or greater amount to the prize. Some District Scholarships above are designated by the districts to match this award. The student is nominated by the district N.Y.I. Council.

Church Sponsored Scholarships: Many congregations of the Church of the Nazarene encourage young persons from their congregation to enroll in Olivet Nazarene University by offering general aid to all who enroll. Since the amount and terms of these awards vary, the conditions should be investigated with the pastor of the local church.

The following scholarships are awarded to continuing full-time upperclass students at Olivet, and are awarded in a special ceremony in chapel in the spring. Applications for these scholarships may be filed by Olivet students about the middle of the spring semester. The dollar amount listed at the end of each scholarship is the capital fund. Scholarships are awarded from the earnings of this fund.

Adamson, Dorothy Lewis Scholarship: for worthy and needy students. $6,300.

Associated Students Scholarship: established by the students of Olivet to assist their fellow students and is awarded to a worthy and needy student serving on the A.S.G. Council. $3,875.

Barnhart, Wilma, Scholarship: for worthy and needy students. $2,000.

Basham, Rev. and Mrs. H.I., Scholarship: Provided by Dr. Milton P. and Catherine E. Kale for incoming freshmen who intend to major in Communication and have at least a B average in High School. $2,000.

Bean, Calvin and Lenore, Scholarship: for sophomores, juniors, and seniors preparing for the ministry. $2,000.
Bearinger, Clayton and Ada, Scholarship: for worthy and needy students. $10,000.

Beck, Earl, Scholarship: for worthy and needy students with a business major. $4,000.

Beckman, Arthur, Scholarship: unrestricted and available to help worthy and needy students. $4,000.

Benner, Merl M. and Elma, Scholarship: available to a graduate student in the Department of Religion. The award is on the basis of scholarship and need. $5,000.

Berry, Marion Messenger, Scholarship: for worthy and needy music students. $2,000.

Biedenharn, Joe H., Scholarship: established by Joe H. Biedenharn in 1978 to grant $200 annually to a deserving student majoring in art. $2,000.

Bon, David and Carol, Scholarship: for worthy and needy students. $4,800.

Brandenberg, William, Scholarship: established through the will of Mr. Brandenberg to give aid to nursing students. $175,000.

Business/Economic Scholarship: Provided by business graduates and friends for students majoring in business. $2,000.

Campbell, D. Ray, Scholarship: provided by the will of D. Ray Campbell for ministerial or business majors. $13,000.

Carmichael, Mayme, Scholarship: made available by Mrs. Mayme Carmichael. Any Olivet student who is a music major is eligible. Selection is made by the music faculty, and is based on musical proficiency and need. $3,000.

Carmichael, Vernal, Scholarship: established in memory of Dr. Vernal Carmichael. The award will be granted each year to an outstanding student of junior standing majoring in business administration. $4,500.

Cassells, Marilyn, Scholarship: for a worthy student majoring in music. (Recipient to be recommended by Fine Arts Chairman.) $3,500.

Chenoweth, Robert R. and Arlene J., Scholarship: for full-time worthy and needy students. $10,000.

Churchill, James and Verda, Scholarship: for worthy and needy students. $2,000.

Clark, Blanche S., Scholarship: provided by the will of Blanche S. Clark, for worthy and needy students. $4,800.

Class of 1961 Scholarship: for worthy and needy students. $2,300.

Class of 1984 Scholarship: provided by the Seniors of the Class of 1984, is to be awarded on the basis of need to a student who will be a senior during the year he/she receives this scholarship. Preference will be given to an heir of the Class of 1984. $4,100.

Cole, John and Esther Scholarship: established through the will of Rev. and Mrs. Cole for a "religion major",—needy student or students. $2,000.
Colling, Debora Anne, Scholarship: Established and supported by the family and friends of Deborah Anne Colling and by alumni and friends of Olivet Nazarene University's Biology Department. This award is based upon scholarship and potential for a successful career in the biological, biochemical, or biomedical sciences. $5,000.

Crawford, James H. and Maggie (Sloan) Crawford Memorial Fund: provided by the family of these pioneer ministers of the Nazarene Church to be used as per agreement. $80,000

Culp Family Scholarship: the earnings of this fund are to be used to help worthy and needy students. $8,000.

Demaray, Dr. Coral and Harriet, Scholarship: given by Dr. and Mrs. Demaray and is to be awarded to worthy and needy students majoring in Biblical Literature. $3,100.

Deming, Harley Fred, Scholarship: provided by the will of Mr. Deming and is for worthy and needy students. $2,600.

Farmer, Howard and Adda, Scholarship: established in 1975 for worthy and needy students. $50,000.

Frost, Emma Scholarship: Provided in the will of Mrs. Frost for worthy and needy students. $2,750.

Fry, Marion, Scholarship: established in honor of Marion Fry and is for worthy and needy students. $11,500.

Gibson, Don, Scholarship: for worthy and needy students preparing for full-time ministry. $2,500.

Green, William and Mabel, Scholarship: given in memory of Mr. and Mrs. Green and is to be awarded to worthy and needy students. $15,000.

Grimsley, Nellie L., Scholarship: to be used for students in preparation for definite overseas missionary service. $2,600.

Gustin, Lester and Susan, Scholarship: provided by the estate of the Gustin's for worthy and needy students. $19,000.

Hale-Wilder Scholarship: provided by Robert Hale, New York City Opera Co., and Dean Wilder, Director of Vocal Instruction, William Jewell College. It is available to voice majors by audition before the voice faculty and the chairman of the Department of Music. $4,500.

Harper, A.K. and Beatrice, Scholarship: established in 1959 by A. K. Harper because of his concern for needy students who are preparing for the ministry. $15,700.

Harshman, Boyd and Libby, Family Memorial Scholarship: Provided in the will of Mrs. Libby Harshman. Annual interest earned is to be divided and given to five juniors in the Division of Fine Arts that are majoring in music -with scholarship and need a consideration. $25,000.

Helm, Elmira M., Scholarship: made available through the will of Elmira M. Helm. Income is available each year to worthy Nazarene students from Huntington County, Indiana, administered by trustees residing in Huntington, Indiana, and applications are made through Huntington First Church of the Nazarene. $7,500.
Hilgendorf, Penny L., Scholarship: given by family and friends as a memorial for Penny, a student at Olivet a few months in the fall of 1981. It is for worthy and needy students. $2,500.

Hinkle, Elsie, Scholarship: available to help worthy and needy students in the Education Department. $23,500.

Hollingsworth, Art and Bea, Scholarship: available to a low or middle income ministerial student, male or female, beginning with the sophomore year and continuing through graduation (not to exceed three years with the same student). $10,000.

Hopkins, Russel G., Scholarship: established by Mrs. Russel G. Hopkins and Dr. Harlow Hopkins for music students who major on an orchestral instrument. $5,000.

Howe, Katherine Ruth, Scholarship: established by Miss Kathryn Ruth Howe because of her concern for needy students who are preparing for teaching on the elementary school level. $2,500.

Huffman, Larry K. and Dana T., Scholarship: provided by the Huffman's to help worthy and needy students. $2,500.

Hyde, Florence, Scholarship: For worthy and needy students. $5,000.

Indianapolis, Indiana, First Nazarene Scholarship: provided by Indianapolis First Church to give scholarship assistance to students from the church. $5,000.

Jacobs, Stan, Scholarship: established in 1975 to be used for worthy students with special need. $3,000.

Johnson, Alfred and Kathleen, Scholarship: established by Mr. and Mrs. Johnson for a worthy and needy male student in a medical related area (other than nursing). $3,000.

Johnson, Oscar, Scholarship: for worthy and needy students. $2,000.

Jones, Ira, Scholarship: given by Mr. Jones to be awarded to worthy and needy students. $2,700.

Julius, Clarene E. and Ruth Maxine, Scholarship: established through the will of William L. Julius in honor of his deceased wife and daughter. Scholarships are awarded on the basis of scholarship and need. $7,000.

Kale, William H. Jr. and Naomi Ruth, Scholarship: provided in honor of Mr. and Mrs. Kale by their children. $11,000.

Kariolich, Margaret J., Scholarship: Provided in the will of Mrs. Kariolich for worthy and needy students. $5,000.

Kelley, Brad and Karen, Scholarship: Provided by the Kelley's for students who are planning careers in music arranging. $2,000.

Kelley, Selden Dee, Scholarship: given by a fellow minister and friends and is to be awarded to worthy and needy students. $5,000.

Keys, Gerald L. Sr. and Celesta F., Scholarship: Provided in their wills for worthy and needy students. $52,000.

Kleinert, Fritz and Olivera, Scholarship: The earnings of this fund are to be used to help worthy and needy students. $12,600.
Kotval, John D. Jr. and Kay, Scholarship: for ministerial students. $4,000.

Kranich, Wanda Mae, Scholarship: given by her husband for students majoring in a keyboard instrument. Not more than three-fourths of the earnings are to be used as scholarship grants annually during the first twenty-five years. (2009) $4,000.

Langdon — Wooten, Scholarship: Provided by Mrs. Bernadine Dunfee for worthy and needy students. $2,000.

Larsen, Naomi, Scholarship: established by friends of Mrs. Larsen in recognition of her distinguished service to Olivet. Any music student who is a music major is eligible. Selection is made by the music faculty, and is based on musical proficiency and need. $3,600.

Latimer, Anna, Scholarship: given by the family of Mrs. Latimer and is awarded to worthy and needy students. $10,900.

MacDonald, Robert, Scholarship: established by Robert MacDonald to provide scholarship funds for needy ministerial students. $43,500.

Martin, Dr. E.W., Scholarship: established by family and friends of Dr. Martin. This scholarship is available to worthy students preparing for the ministry or missionary service. $6,000.

Martinson, Milton and Myrna, Scholarship: established through the wills of Milton and Myrna Martinson. Awards are on the basis of scholarship and need. $3,500.

Mason, Michigan, First Nazarene Scholarship: provided by Mason First Church to give scholarship assistance to students from the church. $5,000.

McClain, Dr. Carl S., Scholarship: Provided from the proceeds of his book and by family and friends for worthy and needy students. $4,000.

McCoy, Kenneth and Doris (Sparrow), Scholarship: Given in memory of Russel J. Durienx (friend and member of the class of 1937) for worthy and needy students in medically related areas. $10,000.

McCreary, Glen, Scholarship: for worthy and needy students. $3,000.

Meyer, Robert Paul, Scholarship: Provided by Mr. Meyer for a person (or persons) with a physical handicap. $4,000.

Minor, Malvin and Christine, Scholarship: established by Albin and Marian Ludas in memory of her parents for worthy and needy students. $3,000.

Mitten, Dr. Lloyd G. and Thelma A., Scholarship: available to qualified juniors and seniors who need help in order to complete their programs in business and economics. $15,000.

Moore, Clarence T. and Jennie K., Scholarship: to be granted to full-time worthy and needy students. $15,000.

Moore, Robert and Dottie, Scholarship: for worthy and needy students. $2,000.

Mueller, Ethel, Scholarship: left by Mrs. Mueller in a trust and has been set up in perpetuity, a similar amount of funds available annually, to be used for aid and assistance in furthering the education of such protestant student or students as the managing officials of Olivet Nazarene University deem most worthy and needful of such aid and assistance. These funds shall be used to further advance
education or training to students that are not only needful of such help, but have also shown by their character, ability and accomplishment the possibility of outstanding advancements in their particular field of endeavor. $25,000.

Myers, Delbert H., Scholarship: established as a living memorial by the family and friends of Delbert Myers to assist young men and women who are studying to enter the ministry (first preference) or other worthy students. $24,000.

Nutt, Selden and Mozelle, Scholarship: Provided by Rev. and Mrs. Nutt for worthy and needy students: $2,000.

Peffer, Paul E. and Ruth O., Scholarship: The fund provided by Mr. and Mrs. Peffer is for worthy and needy students majoring in business. $3,000.

Perry, Dr. Ralph E., Scholarship: Given by family and friends for worthy and needy students. $5,000.

Phillips, Marjorie L. McCoy and Harold E., Scholarship: given in memory of W.D. and Grace McCoy for worthy and needy students. $10,000.

Plummer, Chester, Scholarship: for ministerial students, with preference for those planning to be evangelists. $2,000.

Reader, Paul H. and Delores A., Scholarship: For worthy and needy students. $2,500.

Reed Scholarship: Established by alumni, faculty and staff in honor of Dr. and Mrs. Harold W. Reed to provide scholarship funds for needy ministerial students. $41,000.

Reed Graduate Scholarship: established by Dr. and Mrs. Harold W. Reed to support a scholarship for graduating seniors in religion who pursue graduate work in religion at Olivet. $8,000.

Reeves, Emily, Scholarship: provided by family and friends for worthy and needy students. $3,000.

Reynolds, Phil, Scholarship: for worthy and needy students. $2,500.

Sommer, Steven C., Scholarship: available to help worthy and needy students involved in social or community service. $5,400.

Steinke, Lester L., Scholarship: given by Mrs. Lois Thomas in memory of her brother. The award is to be given to a student who does not qualify for any other scholarship and who has an intense desire to receive an education. He or she may be a freshman or upper class person, with preference being given to the freshman. Ambition, rather than scholastic achievement, is to be the criteria. $2,000.

Stevenson Scholarship Fund: provided by L. Stevenson for worthy students in nursing, male or female. $10,000.

Stewart, Virgie, Scholarship: established by the faculty and staff ladies of Olivet in memory of Mrs. Virgie Stewart. An award will be made each year to a student of junior standing with a major in modern languages. $3,500.

Strickler, Dr. Dwight and Esther, Scholarship: To be awarded to worthy and needy students majoring in science. $3,000.

Thornton, Clarence and Georgia, Scholarship: for ministerial students from Wisconsin, with preference to a married student. $2,000.
Watseka Friends Church Scholarship: provided by Clara Honeywell Canady and her brother Howard Herbert Honeywell, members of the Watseka Friends Church 1921-1981, and is for worthy and needy students. $2,000.

White, Dr. S.S., Scholarship: established by family and friends to provide scholarship funds for upper class students majoring in theology. $3,500.

Whittredge, Fern, Scholarship: unrestricted and available to help worthy and needy students. $2,900.

Williams, Lulu, Scholarship: Provided in the will of Mrs. Williams for worthy and needy students. $22,400.

Williams, Mike and Dee, Scholarship: provided by Mr. and Mrs. Williams is available to all worthy and needy students from Wisconsin. $9,500.

Wisner, Gerett, Scholarship: made possible by Mr. and Mrs. Gerett Wisner for the purpose of assisting juniors and seniors in the Division of Nursing Education. $20,000.

Zimmerman, Iris Eileen, Scholarship: provided in the will of Mrs. Zimmerman for worthy and needy students. $3,500.

Three scholarship funds are available through the Department of Education Services, Church of the Nazarene:

The Howard H. Hamlin, M.D. Scholarship: awarded on the basis of need to students attending Nazarene institutions. The student must be studying for the ministry and maintain satisfactory academic standing. Application is made through the Olivet Financial Aid Office to Education Services.

The International Students Scholarship Fund: is made available by Widmeyer, Yeats. It is awarded on the basis of need to students from mission fields. Application is made through the Olivet Financial Aid Office to Education Services. Funds are applied to tuition only.

The General Superintendent Scholarship Fund makes $500 scholarship awards to students upon recommendation of the president. Based on financial need. The student must be enrolled full time. Priority is given to students preparing for full-time ministry. Application is made to the president of the university.
Grants-In-Aid

**Pell Grants** are provided by the Department of Education of the U.S. Government to all students who qualify on the basis of need. The Financial Aid Form application for the Basic Grant may be secured from Olivet Nazarene University or from any high school. The awards in 1987-88 will probably range from $150 to $2,300.

**Supplemental Educational Opportunity Grant (SEOG)** may be given to students with exceptionally high need above the amount they receive through the Pell Grant. The SEOG is awarded through the university from funds allocated to the school by the federal government. Each award is based on the analysis report of the Financial Aid Form in addition to the Pell Grant application. The maximum award is $4,000 per year.

**Illinois State Scholarship Commission Monetary Award: (ISSC)** The State of Illinois provides financial assistance to all residents of the state who show a need for college assistance on an annual application. This grant may cover *tuition and fees to a maximum of $3,100 a year*. The application (Financial Aid Form) is available at Olivet or any Illinois high school. The award amounts are contingent upon legislative action each year.

**Other State Grants:** Residents outside the State of Illinois should inquire into the availability of state grants for college education which may be applied toward their education at Olivet.

**College Work Study: (CWSP)** Campus work through the College Work-Study Program is available to students who qualify by way of the Financial Aid Form. An eligible student could earn up to a maximum of $1,500 per academic year. This would require an average of 15 hours of work per week.

**Family Grant:** When two or more unmarried, dependent students from the same immediate family, or husband and wife, or parent and dependent(s) are enrolled as full-time undergraduate students at Olivet, a discount grant of 15 percent of tuition (only) for each student will be given, and will extend through the period of concurrent enrollment.

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**Loan Funds**

**Perkins Loans (formerly National Direct Student Loans — (NDSL):** Olivet Nazarene University participates in the student loan program sponsored by the U.S. Department of Education. A maximum of $9,000 in 4 years of undergraduate study may be awarded in these loans. A Financial Aid Form must be submitted annually for evaluation of need by the College Scholarship Service. Forms and instructions are available through the university.

**Guaranteed Student Loans**

All students who wish to borrow through Guaranteed Student Loans or the United Student Aid Funds must first complete each year the Financial Aid Form for a needs analysis, or apply on any alternate approved federal forms.
Guaranteed Student Loans (GSL): Most states have either a Guaranteed Loan Program of a Federal Insured Loan Program. Either program offers loans with a maximum of $17,250 during the time required to achieve an undergraduate degree.

Loans during the first and second years of college study are limited to $2,625 a year. Loans in the third, fourth and fifth years may be up to $4,000 a year. Graduate students may borrow up to $7,500 per academic year.

United Student Aid Funds: Bank loans are available to qualified students for a combined total of up to $17,250 for undergraduate studies. Students may borrow up to $2,625 in each of the first and/or second years, and up to $4,000 a year in the third, fourth and fifth years of college work.

Repayment of United States Student Aid and Perkins Loans: Repayment of these loans begins after a student has completed studies. In recent years, repayments begin the first day of the 7th month after termination or completion of undergraduate studies (whichever is first). The Federal Government assumes interest obligations during the time of school attendance plus six months succeeding termination or graduation (whichever is sooner). At the end of this six-month period, the borrower assumes interest responsibility at a low rate on any outstanding balance. These policies are subject to annual approval of the federal government.

Student Employment

The university career center office serves students and potential employers with referrals and job requests for both campus and community employment. Our students have earned a high reputation for reliable service in the Kankakee business community.

Part-time employment is available primarily for those who need to earn expense money for personal needs. Types of jobs include secretaries, office workers, janitors, food service, typists, paper graders, receptionists, chapel checkers, store clerks, cashiers, and other miscellaneous types of work. In most cases, campus jobs require at least two successive hours free from classes on a daily basis.

Although a large number of students work during the regular school year, the university does not recommend that freshmen endeavor to work during the first semester.

Approximately 700 students have employment in campus jobs during the school year. Priority for campus employment is given to those who qualify for College Work Study aid.

Any on-campus student employment is considered financial aid. Students with the highest estimated financial need as determined by the College Scholarship Service from the Financial Aid Form will be given first opportunity for any available positions. This includes both College Work Study and non-College Work Study positions.

Financial Assistance for Veterans

To assist students who qualify for benefits from the Veteran’s Administration, Olivet has a counselor in the Registrar’s Office who specializes in these programs.
Science faculty members and students presented programs to 14,000 people last year in the Strickler Planetarium. Programs included Hailey's Comet and the Star of Bethlehem.

Chapter 6

Academic Regulations

Olivet’s academic regulations constitute a readable map for student, counselor, professor and general reader. Each member of the academic community should familiarize himself with the directions for it is the official guide to each of the educational destinations offered by the University.

The liberal arts program offers every student, whatever his particular interest or vocational intention, an education built on a steadying foundation of studies in a variety of subjects. This leads to a mature level of lifelong learning which surpasses limited training for a narrowly defined vocational field that may become obsolete in a few years.

Career planning is strongly encouraged through counseling with faculty members and the professional staff of the Career Counseling Center.

The General Education Requirements provide a foundation of study in all the divisions of the university which may be helpful to a student selecting or confirming a career decision.
Registration

All students eligible to register (students enrolled in the preceding regular session and new or re-entering students who have completed application and have been accepted) will be supplied by the Registrar with directions for registration. Students are advised by members of the faculty and must file properly approved study lists with the Registrar during the registration period. Pre-registration service is provided by the Registrar's Office. Registrations not completed by the close of the listed registration days (see calendar) will require a fee of $10.00 to cover the additional expenses of late registration procedure. An additional late fee of $2.00 per day will be charged beginning the second day after registration day.

A student will not be permitted to register for any course including directed study and special topics after the first two weeks of the semester without the written approval of the Academic Dean. A faculty member may determine an earlier closing date for a particular course.

No student will be permitted to register for any course if, in the judgment of the instructor in charge, he lacks sufficient preparation to undertake the work. An instructor may, with the approval of the Academic Dean, drop from a class any student who shows marked delinquency in attendance, who neglects his work, or who proves incompetent to pursue the work of the course.

The normal student load is sixteen hours of class work in a week. No student will be permitted to register for more than eighteen hours, inclusive of physical education, without the special permission of the Committee on Academic Standards. An extra charge is made for each hour or fraction of an hour taken in excess of the eighteen-hour maximum load.

Outside Employment: Students carrying a considerable load of outside work must reduce their school program accordingly. The following schedule is a guide to counselors and students:

<table>
<thead>
<tr>
<th>Effective hours of outside employment</th>
<th>On Retention</th>
<th>Up to 2.5</th>
<th>Up to 3.0</th>
<th>3.0 or over</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 15 hours</td>
<td>14</td>
<td>Normal</td>
<td>Normal</td>
<td>Normal</td>
</tr>
<tr>
<td>15-20 hours</td>
<td>12</td>
<td>Normal</td>
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<td>Normal</td>
</tr>
<tr>
<td>21-25 hours</td>
<td>10</td>
<td>14</td>
<td>Normal</td>
<td>Normal</td>
</tr>
<tr>
<td>26-30 hours</td>
<td>8</td>
<td>12</td>
<td>14</td>
<td>Normal</td>
</tr>
<tr>
<td>31-35 hours</td>
<td>6</td>
<td>10</td>
<td>12</td>
<td>Normal</td>
</tr>
<tr>
<td>35-45 hours</td>
<td>1 course</td>
<td>8</td>
<td>10</td>
<td>Normal</td>
</tr>
</tbody>
</table>

Change of Registration: A student may drop a course or change his program during the first calendar week of a semester without charge. After that there will be a charge of $5.00 for each schedule change processed. All changes in registration are made through the Registrar's office, with approval by the Academic Dean, the student's adviser and the faculty members whose classes are involved.

A student may withdraw from a full-semester course on or before the second Friday following the distribution of mid-term grades. Refer to the University Calendar in this catalog for the final dates to drop "Block" classes. Tuition refunds are made only in accordance with the policies stated in Chapter 5 on Financial Information.

Exceptions for the final date for dropping classes may be granted in cases of serious illness or other extenuating circumstances which, in the opinion of the Academic Dean, warrant leniency. Failure to attend classes does not constitute withdrawal from the course.
Withdrawal from College: If a student desires to withdraw from all of his courses he should start the withdrawal process at the office of the Director of Retention. This process is the reverse of registration and is necessary to clear the academic and financial records. See Chapter 5 on Financial Information for policies on refunds of tuition and fees.

Classification of Students

Students are classified according to the total number of hours for which they have credit and the number of honor points they have earned. A student's honor points must at least equal twice the credit hours to meet classification requirements.

The requirements for classification as a candidate for a degree on the basis of hours and honor points are as follows:

Freshman standing — Must have met all entrance requirements and be registered as a candidate for a degree.

Sophomore standing — 25 hours and at least 50 honor points.

Junior standing — 58 hours and at least 116 honor points; completion of freshman general education courses as follows: English, 6 hours; social science, 6 hours; mathematics and/or science, 6 hours; Biblical literature, 6 hours; physical education, 2 hours.

Senior standing — 93 hours or above and 186 honor points and a reasonable assurance of being able to meet all graduation requirements within the year or by the end of the next summer session; completion of sophomore general education courses as follows: fine arts, 3 hours; Bible and religion, 9 hours; language, 5 hours.

Students are classified at the beginning of the school year and the minimum requirements for the respective classes must be met at that time. Class activities and listing in university or student publications will be carried out in accordance with the above classification.

Unclassified Students — Special or part time students who meet all entrance requirements but who are carrying fewer than eight semester hours, and mature and otherwise qualified students who are not pursuing the regular course of study may, with the approval of the Academic Dean and the consent of the department concerned, be admitted to the University as unclassified students to take such courses as are open to them without respect to candidacy for a degree. Such work is limited to 30 semester hours.

Admission to Junior Standing

During the semester in which he expects to complete 50 or more hours of university work, the student should secure from the Registrar an "Application for Admission to Junior Standing." This will normally take place during the spring of the sophomore year. The completed application must be filed in the Registrar's Office and will be approved only when the following conditions have been met:

1. The required number of hours, including specific courses and areas as listed above, are completed.
2. Signature of major adviser.
3. A complete tentative program of courses for the junior and senior years, incorporating all requirements in the curriculum for the degree sought, with the proper signatures of approval. A student will not be permitted to register as a junior until the Application for Junior Standing is completed.

**Class Attendance Policy**

Admission to Olivet Nazarene University is a privilege which represents an investment by the supporters of the University as well as the student. The opportunities provided by the University are open only to those who are willing to devote themselves to the serious business of education.

Students are expected to attend all class meetings for which they are registered except in cases of prearranged field trips, official assignments by the University, participation in scheduled intercollegiate athletic events or official music ensemble tours as may be considered excusable by the Academic Dean. With the approval of the Academic Dean, a faculty member may stipulate a limit on the number of excused absences permitted in a course.

Attendance requirements in each course are determined by the professor, and will be clearly stated in the course syllabus filed with the Academic Dean and distributed in class during the first week of the semester.

The student is personally responsible for all class work assigned in a course, even during his absence. In case of absence the student should inquire about the possibility of making up work missed. The student may be penalized for work missed, even though the reason for the absence is legitimate, if he fails to explain the reason for his absence and meet the requirements of the instructor in making up the work. If the explanation of the absence is acceptable to the instructor, the student will be permitted, to the extent possible, to make up work missed.

When absences not covered by educational leniency are not acceptable to the instructor, the student may be refused the privilege of making up the work, and may be assessed a consequent grade penalty. Those who do not expect to attend a class regularly should not enroll in the class. Those who find it impossible to attend class regularly should withdraw from the University before their record is marred by irregular attendance.

Protracted absence does not constitute a withdrawal, and will be treated as a failure in the course. For the procedure to be followed in changing or dropping a course, see the section on Registration in this chapter of the catalog.

**Scholarship Requirements**

**Grading:** A record of attendance and scholarship is kept for each student. A report of the student's class standing is given at the close of the semester.

The alphabetical system of grading, with ± added at the discretion of the instructor, is used, i.e., A for superior; B for above average; C for average; D for below average, but passing; F for failure; H for audit; S for satisfactory work (credit toward graduation); U for unsatisfactory work (no credit toward graduation); X for work in progress; W for withdrawn before quality of work can be determined and I for incomplete. A student may be marked incomplete only in case of serious illness or other unavoidable causes of delay. All incompletes must be removed within one month after the grade period ends or the record will be marked "failure."
Honor Points: In order to graduate, the student must have earned twice as many honor or grade points as he has semester hours of work attempted. Honor points are based on quality of work performed, and are determined as follows:

- A = 4 points per credit hour, A- = 3.7, B+ = 3.3, B = 3.0, B- = 2.7,
- C+ = 2.3, C = 2.0, C- = 1.7, D+ = 1.3, D = 1.0, D- = .70, F = 0.

The grades of H, S, U, X and W are neutral. A minimum grade point average of "C" (2.0) is required for graduation.

The plus/minus system of grading was adopted by the faculty in the 1983-84 school year, to appear on grade reports and transcripts starting in the 1984-85 school year. Whole numbers and simple letter grades were used prior to that.

Policy on Repeating Courses:

1. In case a course is retaken subsequent to the student's receiving a course grade of F, only the last grade is counted in determining his cumulative grade point average.
2. With the consent of the Chairman of the department in which the course is offered, a student is permitted to retake once a course in which he has earned a grade of C-, D+, D, or D-, with the higher of the two grades to count in determining his cumulative grade point average.

These privileges apply only to courses repeated at Olivet.

Pass-Fail (S or U) is used for student teaching, field experiences and certain other courses. In these courses the alphabetical system of grading is never used.

In addition, an individual student who has declared his major by filing an Application for Junior Standing may also be permitted, upon his request, to enroll in one elective course per semester in the last four semesters on the basis of pass-fail grading. Specifically excluded from this provision are courses in the major field, minor field, required supporting courses, and courses offered to fulfill general education requirements. A passing grade means "C" quality or better.

The intention to take a course on the basis of pass-fail grading must be indicated at the Office of the Registrar on or before the final day to drop a course. If this request is approved, a student may change to the alphabetical system of grading only if he files a written request to do so at the Office of the Registrar prior to the final day to drop a course.

Auditing a course: To audit a course means to take it for neither grade nor credit. An audit, satisfactorily completed, is recorded as such on the transcript. No record is made if the audit is not satisfactorily completed.

Normally the only requirements in an audited course are attendance requirements, which are set by the instructor.

Audit should be indicated at the time of registration, or a course may be changed from credit to audit any time prior to the deadline for dropping a course. A course may be changed from audit to credit prior to this deadline only with the approval of the instructor, and payment of appropriate tuition adjustments.

A full-time student, paying the normal tuition fee, is not charged a tuition fee for an audited course, provided his total load, including the audited course, does not exceed 18 hours. If the total load exceeds 18 hours, a tuition fee of $30 per hour is charged for the excess hours which are audited. Part-time students are charged a tuition fee of $30 per hour for an audited course. Any additional fees (such as laboratory fee) in an audited course are charged to the student.

Arrangements to audit a course may be completed only if there is space available in the class.
Academic Retention or Probation: Failure in one-third or more of semester hours or achievement of 1.0 or lower in any given semester may be considered justifiable reason for dismissal.

An instructor may, with the approval of the Academic Dean, drop from a class any student who shows marked delinquency in attendance, who neglects his work, or who proves incompetent to pursue the work of the course.

A student who fails to maintain a grade average of "C" (2.0) is considered to be doing unsatisfactory work. When his cumulative grade point average falls below that indicated in the table below, he will be placed on academic retention, and thus will not be in good academic standing.

<table>
<thead>
<tr>
<th>Semester Hours Attempted</th>
<th>Minimum G.P.A. for Good Standing</th>
<th>Level of Retention</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-17</td>
<td>1.60</td>
<td>100 level courses</td>
</tr>
<tr>
<td>18-32</td>
<td>1.75</td>
<td>100 and 200 level courses</td>
</tr>
<tr>
<td>33-48</td>
<td>1.90</td>
<td></td>
</tr>
<tr>
<td>49 or more</td>
<td>2.00</td>
<td></td>
</tr>
</tbody>
</table>

Retention means that unless satisfactory work is shown in the next semester, the student will be discouraged from continuing his college work as a degree candidate. Students removed from degree candidacy because of low academic achievement will not be permitted to take courses at a level higher than those available to him under his last classification.

Removal from retention and return to good academic standing is accomplished by achieving a cumulative grade point average equal to the minimum required for good academic standing. Students on retention will not be admitted to Junior Standing.

Retention is determined by cumulative grade point average. The instructor will report to the student his approximate grade at mid-semester, and will submit to the Academic Dean a list of students doing unsatisfactory or failing work in each of his classes.

Retention and Eligibility: A student on retention is also ineligible — i.e., for all practical purposes retention and ineligibility are synonymous. Ineligibility means that the student cannot participate in any public program or service away from the campus as a member of an ensemble group. Ineligibility excludes a student from participation in any varsity intercollegiate athletic contest.

The eligibility of students transferring to Olivet Nazarene University is determined by the standards for eligibility applying to non-transfer students. The cumulative Grade Point Average, including grades for courses that were not accepted for transfer credit, will be used in determining eligibility.

Satisfactory Progress Requirement for Financial Aid: In order to maintain eligibility for financial aid, a student must meet the satisfactory progress requirement as stated in the following table.

<table>
<thead>
<tr>
<th>Hours Attempted</th>
<th>Minimum Cumulative Grade Point Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-24</td>
<td>1.5</td>
</tr>
<tr>
<td>25-40</td>
<td>1.7</td>
</tr>
<tr>
<td>41-57</td>
<td>1.85</td>
</tr>
<tr>
<td>58 or more</td>
<td>2.00</td>
</tr>
</tbody>
</table>

In addition, financial aid eligibility is immediately terminated for students whose cumulative grade point average falls below .7 (D-).
Students who have attempted less than 58 hours of credit and whose cumulative grade point average falls below the minimum levels stated above must, in the following semester, either earn a 2.0 average or raise the cumulative GPA to the minimum level in order to maintain financial aid eligibility in subsequent semesters.

Once a student has attempted 58 hours, a cumulative grade point average of 2.000 is necessary in order to maintain eligibility for financial aid.

When a student has lost eligibility for financial aid as a result of failure to make satisfactory progress there are five ways to regain eligibility:

1. Raising the cumulative grade point average to the minimum requirements stated above;
2. Registering for a full load and attaining a 2.0 average on the mid-semester grade report, in which case aid can be reinstated for the semester in progress;
3. Registering for a full load, completing at least 9 hours, and attaining a 2.0 final average for the semester, in which case aid can be reinstated for the following semester;
4. Remaining out of college for at least one semester, in which case aid can be reinstated on a semester-by-semester basis, depending on the student’s level of achievement in the semester in which he/she returns to Olivet (This option may only be utilized once);
5. Attending another college and attaining a “C” average (2.0) with a minimum of 6 hours of transferable credits.

In the event that extenuating circumstances are experienced, appeals for exceptions to the above requirements will be considered by the Financial Aid Committee.

A student’s eligibility for campus-based financial aid programs, i.e., CWSP, NDSL, SEOG, is limited to eight semesters of attendance in which the student enrolls as a full-time undergraduate student.

If a student receiving financial aid withdraws during a semester in which he was below the minimum GPA level required to maintain financial aid, he is not considered to be making satisfactory progress, and thus becomes ineligible for aid in the subsequent semester.

The cumulative Grade Point Average, including grades for courses that were not accepted for transfer credit, will be used in determining eligibility for financial aid for students who have transferred to Olivet from other colleges.

The Learning Development Center

Students from all levels of achievement and experience can learn better ways of learning, and can learn additional information in various fields. These opportunities are given so every student can work to increase their potential.

The Learning Development Center attempts to help students through the Math Lab, English Lab, Supplemental Course Instruction, and Microcomputer Lab. The labs can help students through learning problems which may occur. The Math and English labs have both peer tutoring and faculty tutoring.

Many computer programs are available for general use. Some of the programs include word processing, practice programs in use of grammar, tutoring in algebra, and learning games in general chemistry.

Several introductory courses in various departments have Supplemental Course Instruction (SCI). SCI involves an exemplary student conducting study sessions each week which anyone enrolled in the course may attend. The session leader
helps fellow students with material from the course, and also demonstrates how to study.

The aim of people associated with the Learning Development Center is to give all students the chance for increased success in academics. The focus is to move the individual as far as possible into solving problems.

The purposes of the LDC are: A. To provide supplemental instruction in content areas. B. To provide the means for gaining study skills. C. To help students who are underprepared in English and/or Mathematics. D. To help students who need tutoring in specific courses in Mathematics and English. E. To provide instruction in basic skills such as fractions and sentence structure. F. To service a content area relevant to basic skills and problem solving. G. To provide a central facility for training in tutoring.

Privileges Open to Superior Students

A superior student is urged to make the most of his scholastic opportunities and to advance in accordance with his abilities. To give greater flexibility in the schedule and to provide for specialized studies, a student with a 3.0 grade point average and who has ranked in the upper quartile of his sophomore class according to the objective test in the field of his interest, may apply for directed study or for graduation with departmental honor.

Special Topics of Study in the sophomore, junior or senior year are open to superior students in most departments offering majors. In order to engage in study of "special topics" a student must apply to his instructor for permission to pursue a subject of particular interest not already treated extensively in a regular course. On written approval of the instructor and the Academic Dean the student may register for from one to six hours of credit. The name of the applicant together with the plan of the course to be pursued, must be recommended by the head of the department in which the work is to be done to the Academic Dean for approval not later than the second Friday after the opening of the semester. Credit for special topics will be indicated on the transcript by use of the department name and the number 499.

Graduation with Departmental Honors is granted to a senior who shows independent and creative work of high quality in his major field. The study may cover material of individual courses, cut across course lines, or include subject matter and procedures not offered in the usual courses of the department. When recommended by the head of the department in which the student wishes to do honors work, a plan of the work to be pursued shall be forwarded, with the recommendation, for the approval of the Committee on Academic Standards. To be eligible for consideration for honors work, a student should have a 3.4 grade point average in his major field. If his work is of high quality, he will be granted four hours of credit toward graduation. If he passes a comprehensive examination in his major field with special emphasis on his honors project, he will be graduated with departmental honors, this to be indicated on the commencement program. The student must apply to the head of the department by October 15 in the academic year of graduation. Honors course work will be indicated by the department name and the number 500.
Assistantships

A limited number of assistantships are available to high scholarship students of advanced standing. These assistantships are open to those who have spent two or more semesters at Olivet Nazarene University. They are awarded on the basis of scholarship, character, leadership ability, educational promise, and need.

Holders of these appointments will assist in reading papers, laboratory service, or other work required in the department to which they are assigned.

Assistantships are valued from $500-$800 for the year. All appointments are for one semester, and are conditioned on satisfactory service. Appointments are made by the Academic Dean on the recommendation of the Chairman of the Department and Chairman of the Division. Application should be made to the Academic Dean by March 1 preceding the school year in which the appointment is to become effective.

Honors

Honor Society and Dean's List: Sophomores who have a cumulative scholastic average of 3.35 and Juniors and Seniors who have cumulative averages of 3.2 and above are eligible for membership in the college honor society. An average of 3.35 for the preceding semester is required for inclusion in The Dean's List.

An average of B is required for recommendation to a graduate school for graduate work.

Phi Delta Lambda: Olivet Nazarene University has a chapter of the National Nazarene Honor Society, Phi Delta Lambda, in which high ranking graduates are eligible to membership upon election by the faculty.

Departmental Honor Societies for Alumni: Several academic departments have established chapters of national honors societies for honor graduates. These include Education, English, Home Economics and Nursing. Others are being considered.

Graduation Honors: Graduation with highest honors (summa cum laude) requires a grade point average of 3.85.

Graduation with high honors (magna cum laude) requires a grade point average of 3.6.

Graduation with honors (cum laude) requires a grade point average of 3.35.

Graduation honors will be based on the grades of the entire college course.

In case a student has taken part of his college work at another institution or institutions, his grade point average will be calculated on the basis of the total work taken toward the degree; and on the basis of work done at Olivet Nazarene University. Whichever average is lower will be used as the basis for honors. In any case, the last 60 hours of work must be taken at Olivet if one is to qualify for honors.

Commencement Marshals. Each year the young man and the young lady in the junior class having the highest cumulative grade point averages are designated as Commencement Marshals and lead the commencement procession.

Senior Citizenship Award: Each year one man and one woman from among the graduating seniors are selected by majority vote of the faculty to receive the Senior Citizenship Award. The selection is based on campus citizenship, scholarship, leadership and general achievement of the student in college activities. Letters certifying the award are presented to the students selected on Commencement Day and the names of those honored are engraved on a plaque in the Benner Library.
**General Requirements for Graduation**

**Student Responsibility:** Every candidate for a degree is personally responsible for meeting all requirements for graduation. The University, through its counselors and the credit summaries provided for the University by the Registrar, will assist the student in every way possible in avoiding difficulties.

Prospective teachers are also personally responsible for meeting the certification requirements of the state in which they expect to teach. Information about certification laws may be obtained from the Department of Education or from the Registrar.

Candidates for degrees are required to file their intention to graduate on forms provided by the Registrar’s office at least 6 months prior to the expected date of graduation.

*Candidates for graduation are expected to meet the requirements for graduation of the catalog in force at the time of that graduation.* In cases of hardship caused by curricular changes during a student’s successive years of enrollment at Olivet, an appeal may be made to the Academic Standards Committee.

**Residence Requirements:** A candidate for a bachelor’s degree must take, either the last year (30 semester hours) at Olivet Nazarene University, or, he must take 15 of the last 30 semester hours in residence and offer no less than 45 semester hours of residence credit from Olivet Nazarene University. Included in the hours offered to satisfy the residence requirement must be at least one-half of the major and/or sufficient hours to complete a major satisfactory to the chairman of the major department and the Registrar.

The residence requirement for the associate degree is either (a) the last 15 hours at Olivet, or (b) a total of 22 hours in residence at Olivet with at least 8 of the last 15 hours in residence at Olivet.

**Transfer Credit Limitations:** Any course with a grade of D or F will not be accepted as transfer credit, but will be calculated in the grade average for considering admission, financial aid and athletic eligibility. A maximum of 68 hours will be accepted from two-year colleges as transfer credit at Olivet.

**Second Bachelor’s Degree:** Some students desire to take a second bachelor’s degree. It is often possible to complete the requirement for the second degree in one additional year. To receive a second degree, the student must complete at least 36 hours of work in addition to the 128 hours required for the first degree and must meet all of the requirements set forth in the curriculum for the second degree including general education requirements. In no case will more than one degree be conferred upon a candidate at any one commencement. At least 30 hours of these must be taken in residence at Olivet.

**Correspondence Courses:** Credit for correspondence courses taken at fully accredited colleges may be allowed to count toward degree requirements at Olivet Nazarene University only when prior approval is granted by the Registrar. A maximum of 15 hours of correspondence work may be applied at Olivet.

**Cross-Listed Courses:** In cases where students take cross-listed courses, up to two courses or seven hours may be applied to the requirements of two majors, a major and a minor, or two minors. However, in teacher education programs, courses may apply only in one major or minor.
**Proficiency Examinations**

Students may be permitted to establish credit for courses listed in this catalog by departmental proficiency examination. The grade in proficiency examinations is "credit" or "failure," but no student is given "credit" unless he had made at least "C" in the examination. No official record is made of failures in these examinations.

Proficiency examinations are given under the following restrictions: (1) They may be taken only by persons who are in residence, or who are candidates for degrees at Olivet; (2) They may not be taken by students who have received credit for more than one semester of work in the subject in advance of the course in which the examination is requested; (3) They may not be taken to raise grades or to establish credit in a course in which the student has received a failing grade. (4) The privilege of establishing credit by this method is not to be used to accelerate one's program, but to make possible the recognition of work already done, or an achievement already attained for which no academic credit has been established; (5) Not more than 10 semester hours credit can be earned by departmental proficiency examinations for any degree; (6) Applications for the examination must be approved in advance by the Academic Dean; (7) All such examinations shall be conducted by a committee of three, which shall be appointed by the Academic Dean. The signatures of all three examiners are required. Academic credit for such work will not be granted until the student has completed successfully at least one semester of work at Olivet Nazarene University. See also Waivers and Advanced Placement, Chapter 4.

**Summer School**

Olivet offers three summer sessions, each offering full college credit, operating on an accelerated schedule of classes. In a three-week session, three semester hours can be earned. In a five-week session, five or six semester credit hours can be earned. Dates of the summer sessions are listed in the University Calendar. All new students apply through the Director of Admissions by the deadline indicated. Registration for Summer School may be completed prior to or immediately following the first meeting of the class.

**Transcripts**

Students wishing to transfer to another institution, or who otherwise desire a transcript of their college work, must present a written request to the Registrar, giving notice of at least one week. Near the beginning or end of a semester the period required to process a transcript request may be somewhat longer.

Transcripts are generally furnished each student without charge. However, any funds received by the registrar with transcript requests will be donated to the Olivet Alumni Scholarship Fund. A service charge of $5.00 will be made if the transcript is to be issued on the same day as the request. A transcript will not be issued to or for a student who is indebted to the University.
Computer terminals are beginning to replace the familiar card-catalog in the Benner Library, enabling students to search for subjects, titles and authors from nearly 150,000 volumes.

Chapter 7

Teacher Education

Teacher education at Olivet Nazarene University makes use of the total educational resources of the university, is the concern of the entire faculty, and is under the direction of the faculty. Accordingly, teacher education is coordinated through designated officers, the Teacher Education Executive Committee, Teacher Education Faculty and other policy making bodies of the University. The program is designed to bring the resources of the University to bear most effectively in the education of teachers.
Objectives of Teacher Education

Students admitted to, and retained in, the teacher education program are expected to demonstrate suitable growth in the habits, attitudes, skills, and personal qualities specified in the institutional objectives. They constitute the general objectives of teacher education.

Within the framework of the general objectives of the college, the faculty has formulated specific objectives of teacher education. These objectives specify qualities considered essential for teachers. The faculty expects that the teacher education graduate will be a person who:

1. Possesses competency in the area(s) of specialization in which he expects to teach;
2. Understands the school as a social institution and teaching as a profession, and is able to interpret the school and its function to the public;
3. Has a professional attitude that insures quality service and continued growth in the profession;
4. Understands human development, behavior, adjustment, learning process, and individual differences;
5. Knows instructional materials, methods, techniques, and evaluation procedures, is skilled in their use, and understands their bases in principles of development, learning, and individual differences;
6. Appreciates the opportunities for Christian service in the teaching profession;
7. Organizes and presents learning experiences effectively;
8. Is aware of the teacher’s relationships to students, professional colleagues, and the public, and possesses the knowledge and skills implied by these relationships;
9. Integrates in a personally effective way the qualities of stability, patience, sympathy, and creative imagination;
10. Accepts the child as a person worthy of respect and has faith in his improvement through the medium of organized education;
11. Makes educational decisions that are coherent with a growing personal philosophy of education;
12. Makes use of basic knowledge of himself and of the profession in determining his anticipated role in the profession of education;
13. Makes accurate appraisal of the requirements of teaching positions and of his qualifications relative to them;
14. Accepts professional employment and maintains professional relationships in harmony with recognized ethical principles.

Programs of Teacher Education

General Education for Teachers

Students preparing to teach in elementary school and those preparing to teach in the subject matter fields of biology, business, home economics, music, physical education and physical science may elect to receive a Bachelor of Science degree rather than a Bachelor of Arts degree. If they do this, they must select courses in Intercultural Understanding in the General Education program rather than courses in foreign language. Students planning to teach in high school other than in the subjects specified above will normally complete requirements for the Bachelor of Arts degree.
The general education for teachers is the same as that of other students in the college except that certain choices within the program must be made and the hours slightly increased to include the following:

a. Mathematics (grades of C- or above): 6 hours for elementary, 3 for secondary.
b. A three-hour course in American History or Government.*
c. Psychology 101, 211 (Elementary), or 212 (Secondary).
d. Four semester hours in Health and Physical Education.
e. One course in domestic multicultural understanding and one course in global intercultural understanding to satisfy the International Understanding General Education Requirement (Group V) for students seeking a Bachelor of Science degree.

*In Illinois, Hist. 131 or Pol. Sci. 123 meet the state-mandated requirement for U.S. Constitutional study.

Secondary School Program

Professional Education. The required professional education sequence for prospective secondary teachers follows. A grade of C- or above is required for courses in the Professional Education Sequence for student teaching and graduation.

Educ. 101 — Education in American Society .................. 2 hours
Educ. 249 — Educational and Developmental Psychology .......... 3 hours
Educ. 351 — General Methods for the Secondary School .......... 3 hours
A Special Methods course in the Teaching Field ................. 3 hours
Educ. 376 — Survey of the Exceptional Child .................. 3 hours
(Phys. Ed. majors will take P.E. 370 — Adaptive Physical Education — in place of Educ. 376.)
Educ. 486 — Supervised Student Teaching in the Secondary School ..................... 12 hours
Educ. 494 — Senior Seminar ........................................ 1 hour
Educ. 498 — Audio-Visual Lab ..................................... 1 hour

Subject Matter Specialization

Students planning to teach in secondary schools must be prepared for certification in one teaching field, and must, in addition, complete one of the following options:

Option A. Teaching Major with a Teaching Minor

The major teaching field must consist of at least 32 semester hours or the number of hours specified for the department or teaching area concerned. The second teaching area must include 20 to 25 semester hours.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Major</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>33 hours</td>
<td>24 hours</td>
</tr>
<tr>
<td>Biological Science</td>
<td>32 or 40</td>
<td>24</td>
</tr>
<tr>
<td>Business Education</td>
<td>37</td>
<td>25</td>
</tr>
<tr>
<td>Chemistry</td>
<td>32</td>
<td>24</td>
</tr>
<tr>
<td>English</td>
<td>35</td>
<td>24</td>
</tr>
<tr>
<td>History</td>
<td>32</td>
<td>24</td>
</tr>
<tr>
<td>Home Economics</td>
<td>40</td>
<td>24</td>
</tr>
<tr>
<td>Mathematics</td>
<td>33</td>
<td>20*</td>
</tr>
<tr>
<td>Physical Education</td>
<td>33</td>
<td>24</td>
</tr>
</tbody>
</table>
Minor concentrations (second fields only) which Olivet offers and the required number of hours for each are:
Earth and Space Sciences — 24; French — 20; General Science — 24; German — 20; Health Education — 21; Journalism — 25; Music — 24; Psychology — 20; Spanish — 20; Speech Communication — 24.

See departmental listing for specific requirements.

*In Illinois, 25 hours of mathematics, including 3 hours of methods, are required.

Option B. Teaching Major with Special Emphasis

Selection of this option involves submitting a statement of and an acceptable rationale for the substitution of a Special Emphasis for the teaching minor. This must be submitted to and approved by the major department, the Secondary Education Coordinator in the Department of Education, and the Director of Teacher Education. The selection of Option B might not meet requirements for certification in some states. In addition, approval of the Teacher Education Executive Committee is required for any Option B requiring 15 hours or less.

Elementary School Program

Professional Education Sequence

The professional education sequence required for prospective elementary teachers follows. A grade of C- or above is required for courses in the Professional Education Sequence for student teaching and graduation.

Educ. 101 — Education in American Society ........................................... 2 hours
Educ. 249 — Educational and Developmental Psychology .................. 3 hours
Educ. 353 — Elementary School Social Studies Curriculum ............... 2 hours
Educ. 354 — Foundations of Language Arts Curriculum ..................... 2 hours
(One hour of 353 and 354 count toward General Education Requirements.)
Educ. 356 — Elementary School Mathematics Instruction ................ 3 hours
Educ. 357 — Foundations of Reading ..................................................... 5 hours
Educ. 363 — Elementary School Science Curriculum ........................... 3 hours
(2 hours of 363 counts toward General Education Requirement.)
Educ. 376 — Survey of the Exceptional Child ....................................... 3 hours
Educ. 425 — Diagnosis in Reading ......................................................... 3 hours
Educ. 484 — Supervised Student Teaching in the Elementary School ......................................................... 12 hours
Educ. 487 — Elementary School Curriculum and Management ........ 2 hours
Educ. 494 — Senior Seminar ................................................................. 1 hour
Educ. 496 — Audio Visual Media .......................................................... 1 hour
Educ. 498 — Audio Visual Lab ............................................................... 1 hour
Subject Matter Specialization

Students planning to teach in elementary schools must complete at least 78 hours of General Education, including one of the following options:

Option A: Single Specialization Program

1. Language Arts, including speech, children’s literature, composition, literature, and one hour of Educ. 354 .... 16 hours
2. Social Science, including 3 hours U.S. History or Amer. Govt., and one hour of Educ. 353 .... 13 hours
3. Natural Science, both biological and physical, and 2 hours of Educ. 363 .... 10 hours
4. Fine and Applied Arts. At least 3 hours in Music and 3 hours in Art .... 8 hours
5. Mathematics, 111 and 112 recommended .... 6 hours
6. Health and/or Physical Education (Personal and Community Health, or First Aid recommended) .... 4 hours
7. Additional hours to provide one of the following specializations:
   Language Arts 24, Social Studies 24, Natural Science 24,
   Art 16, Music 16, Foreign Language 15, Physical Education 16, Mathematics 12 .... 6-14 hours
8. Other courses to meet General Education Requirements:
   Psychology 3, Religion 12 .... 15 hours

Option B. Two Specializations

Same as Option A for Single Specialization except for 10 hours Social Science instead of 13, and two specializations in Item 7, one of 20 hours and one of 18 hours, instead of one specialization. Consult with the Chairman of the Education Department for further explanation.

Option C. Elementary Education and Day Care

1. Language Arts, including one hour of speech, children’s literature, composition, literature and one hour of Educ. 354 .... 16 hours
2. Social Science, including 3 hours U.S. History or American Government and one hour of Educ. 353 .... 10 hours
3. Natural Science, both biological and physical, and 2 hours of Educ. 363 .... 10 hours
4. Fine and Applied Arts. At least 3 hours in Music and 3 hours in Art .... 8 hours
5. Mathematics. 111 and 112 are recommended .... 6 hours
6. Health and/or Physical Education. Personal and Community Health or First Aid courses recommended .... 4 hours
7. Specialization: Marriage and Family, Child Development Psychology, Introduction to Nutrition, Christian Education of Children, Instructional Methods of Early Childhood, Practicum Pre-School .... 15 hours
8. Religion courses and Psychology 101 .... 15 hours
Option D. Elementary Education/Christian Education

1. Language Arts, including speech, children’s literature, composition, literature and one hour of Educ. 354 ................................................................. 16 hours
2. Social Science, including 3 hours U.S. History or American Government and one hour of Educ. 353 ................................................................. 10 hours
3. Natural Science, both natural and physical, and 2 hours of Educ. 363 .......................................................................................... 10 hours
4. Fine and Applied Arts. At least 3 hours in Music and 3 hours in Art ......................................................................................... 8 hours
5. Mathematics: 111 and 112 recommended ........................................................................ 6 hours
6. Health and/or Physical Education: Personal and Community Health, or First Aid are recommended ...... 4 hours
7. Specialization: Christian Education, Church School Administration, Supervised Field Work, History and Philosophy of Christian Education, History and Polity of the Church of the Nazarene, Problems in Christian Education, Instructional Methods for Early Childhood, Community Recreation or Elementary Education Physical Education Methods ............................................. 22 hours
8. Psychology 101 and 211, Religion 12 hours .......................................................... 18 hours

Option E. Special Education and Elementary Education

This dual certification program is the result of a cooperative arrangement between Northern Illinois University and Olivet Nazarene University. This permits a student to complete two teaching majors. The Special Education program is for Educable Mentally Handicapped and Learning Disabilities (EMH & LD).

Professional Education Sequence for Special Education:

Same as Professional Education Sequence for Elementary school except Educ. 358 — Teaching Reading in Secondary Schools is taken in place of Educ. 425 — Diagnosis in Reading.

Subject Matter Specialization

Students planning to teach in special education/elementary education must complete at least 78 hours of General Education, including:

1. Language Arts, including speech, children’s literature, composition, literature, language development, and one hour of Educ. 354 ...................................................... 21-24 hours
2. Social Science, including 3 hours U.S. History or American Government, and one hour of Educ. 353 ................................................................. 14 hours
3. Natural Science, both biological and physical and two hours of Educ. 363 .................................................................................. 10 hours
4. Fine and Applied Arts. At least 3 hours in Music and 3 hours in Art ......................................................................................... 8 hours
5. Mathematics: 111 and 112 are recommended .................................................. 6 hours
6. Health and/or Physical Education. One hour of activity and Phys. Ed. 367 ........................................ 4 hours
7. Other General Education required courses
   Psychology 6 hours, Religion 9 hours ........................................ 15 hours

Special Education Component to be taken at Northern Illinois University.
Preceding this work, the NIU Basic Skills Test must be passed.

LDSE 280 — Systematic Observation of Exceptional Learners ...... 2 hours
  434 — Psychological-Educational Measurement of
         Exceptional Learners .................................................. 3 hours
  441 — Characteristics of Mental Retardation .......................... 3 hours
  445 — Characteristics of Learning Disabilities ........................ 3 hours
  447 — Behavior Modification for Handicapped .......................... 3 hours
  459 — Instructional Systems for EMH/LD Elementary Learners ...... 3 hours
  460 — Instructional Systems for EMH/LD Secondary Learners ........ 3 hours
  462 — Instructional Systems for Exceptional Learners ............... 3 hours
  477 — Guidance for Exceptional Learners ............................... 3 hours
  478 — School Interaction/Parents of Exceptional Learners .......... 3 hours
  482 — Field Experience in Special Education .......................... 3 hours
  485A — Student Teaching in Special Education — Elementary ......... 6 hours
  486A — Student Teaching in Special Education — Secondary ......... 6 hours

43 hours at NIU

Option F. Middle School Program
Students desiring to qualify for Middle School teaching must see the Director
of Teacher Education for requirements.

Music Teaching Program

Professional Education
The required Professional Education Sequence for music education follows. A
grade of C- or above is required for courses in the Professional Education
Sequence for student teaching and graduation.

Educ. 101 — Education in American Society .......................... 2 hours
Educ. 249 — Educational and Developmental Psychology ............. 3 hours
Educ. 375 — Instrumental Music and Conducting ....................... 4 hours
Educ. 376 — Survey of the Exceptional Child .......................... 3 hours
Educ. 378 — Choral Methods and Conducting .......................... 4 hours
Educ. 460 — General Music Methods .................................... 4 hours
Music 485 — Supervised Student Teaching — all grades ............. 12 hours
Educ. 494 — Senior Seminar ............................................. 1 hour
Educ. 498 — Audio-Visual Lab ........................................... 1 hour

Subject Matter Specialization
See Department of Music.
Assisted of Arts Degree for Teacher Aides

See Department of Education for description of this two-year course of study.

Admission to Teacher Education

Admission to the Teacher Education Program of the University is necessary for admission to special methods courses in education and to student teaching. Normally the student will apply for such admission by the end of the sophomore year and immediately after, or while taking, the first course in the professional sequence. Otherwise, progress through the professional sequence of courses may be delayed. Application blanks may be secured at the Education Office. Applications for the Teacher Education program will initially be screened by the Director of Teacher Education, and the report acted upon by the Teacher Education Executive Committee, and reported to the Teacher Education Faculty. Factors which are weighed in considering applications are personality, emotional stability, character, scholarship, competence in communication, physical health, and professional interest. The following requirements must be met for admission:

1. 2.30 grade point average.
2. Clearance by the office of the Dean of Students.
3. Grades of C- or above in 6 hours of English Composition.
4. Satisfactory recommendations from two out of three faculty members, and a good character reference from a person approved by the Director of Teacher Education.
5. Demonstrate 80% competency on the following basic skills tests to be given in the course Educ. 101 — Education in American Society: Nelson Denny Reading Test, Writing Proficiency Test by Bossone. This does not guarantee the passing of any state's basic skills test.

In submitting references, students should be sure to include the names of faculty advisers. The evidence of professional interest may be considered questionable for students who have not availed themselves of opportunities for work with youth groups, in church school teaching, or of other opportunities for assisting children and youth to grow.

Pre-Student Teaching Laboratory Experiences

Pre-student teaching laboratory experiences, including the use of films (vicarious experiences) and school observation and participation, are required in some of the education courses taken prior to student teaching. The minimum number of pre-student teaching hours for secondary education and music education majors is 110 clock hours. Elementary education majors must complete a minimum of 117 pre-student teaching clock hours. Secondary education students meet this requirement through Educ. 249, 351 and a special methods course. Music education students do so in Educ. 249, Music 460 and either Educ. 376 or 378. Elementary education majors complete practicum experiences in Educ. 249, 356, 357, 363 and 425.

Students are to keep records of pre-student teaching laboratory experiences, together with signatures of supervising personnel, on forms provided for this purpose by the Olivet Education Department. These records are kept in the student’s folder in the Education Office, and are considered in connection with admission to the Teacher Education Program and in placement for Student Teaching.
Admission to Student Teaching

Students should submit applications for student teaching by December 15 of the semester prior to the school year in which they expect to do student teaching. Transfer of student teaching credit earned at another college must have prior approval of the department chairman, the director of teacher education, and the registrar before student teaching placement is assigned.

Prerequisites to student teaching involve previous admission to the Teacher Education Program of the University, and at least two methods courses. In addition each candidate for student teaching must be approved by the Teacher Education Executive Committee before he can be registered and assigned. The approval of the candidate’s major department, an overall grade point average of 2.30 or better, a grade point average of 2.50 or better in the major field for secondary students, or a grade point average of 2.50 or better in the Professional Education Sequence for elementary school teachers, are required.

Student Teaching and Employment

As a general practice, the college discourages students from employment on or off campus during student teaching. Supervising teachers in the schools view student teaching as an internship which should demand the total involvement of the beginning teacher. Thus the student teacher should be free from other responsibilities which might detract or drain energy from teaching.

Exceptionality Requirements

All teacher education graduates except those in Physical Education will fulfill the State of Illinois mandated exceptionality requirement through Educ. 376—Survey of the Exceptional Child. Physical Education majors will complete the course PE 370 — Adaptive Physical Education — instead of Educ. 376.

Student Teaching and the Professional Semester

The requirement of credit hours in student teaching is 12. The semester which involves mostly student teaching and corresponding professional courses is known as the Senior Professional Semester. Students and advisers must plan ahead and reserve designated professional courses and other courses arranged to facilitate student teaching for that semester.

Changes in Student Teaching Placement

When a student teaching placement is cancelled by the student so late that the supervising teacher cannot take another student teacher for the given school year, the student’s account will be charged for the payment of the honorarium to the supervising teacher.

If a request for placement in another setting is initiated by the student teacher, a full honorarium will be paid the supervising teacher according to how close the change is made to the student teaching period. If such change is initiated by a conference of the teacher, principal, university supervisor and/or the student, no additional fees will be charged unless the student teaching period is extended.
Securing a Teaching Credential

Each public school teacher is required by law to hold a valid certificate issued by the state in which he teaches.

To obtain Illinois certification, by entitlement, an Olivet graduate must have completed one of Olivet’s state-approved teacher education programs, all of which meet the minimum Illinois requirements. Upon completion of the academic program, the student should obtain and complete the appropriate certification forms in the Registrar’s office. After the application form is signed by the Certification Officer, who is the Director of Teacher Education, and the Certification Officer has indicated that graduation requirements have been satisfied, the applicant must submit the certification forms and appropriate fees to the superintendent of schools in the Illinois region in which the applicant resides or plans to teach. Anyone who has been convicted of a felony for a sex and/or narcotics crime may not be certified for teaching in Illinois.

Applications and information about certification in other states are available in the Registrar’s Office. For a specific state’s certification requirements and procedures, see the Registrar or Director of Teacher Education. These applications are usually completed during the final semester of the student’s senior year.

Placement of Teacher Candidates

The University maintains a Career Planning and Placement Office to assist graduates in securing positions in which they are interested and for which they are qualified. Teacher candidates register with the office for placement service in the senior year as directed by the office.

The Placement Office receives and files notices of teaching position vacancies and makes this information available to students, at the student’s request supplies copies of his credential folder to prospective employers, arranges interviews on campus between students and school officials, counsels candidates with respect to teaching opportunities in areas for which the office has no current listings, and maintains the student’s credential file after he graduates. The placement service of the University is free to the graduating senior and registered alumni. The student should register with this office at the indicated time even though he may have secured a position for teaching prior to registering.

The Curriculum Materials Center

A Curriculum Materials Center is maintained on the ground floor of the Library. The Curriculum Materials Center houses school textbooks, trade books, curriculum guides, professional pamphlets, resource units, and other instructional materials selected especially as resources for students planning to become teachers. These materials are available for examination and use by students, faculty and off-campus supervisory teachers. The Director of the Center is available for consultation concerning instructional materials.

The Teacher Education Office

While teacher education is a function of the total university, represented by the Teacher Education Faculty, the various administrative details connected with the program are coordinated through the office of the Department of Education. Here students may pick up various forms to be filled out and return them for filing; various reference forms and rating scales are sent out from and returned to this office; and in general it serves as a center for teacher education activities.
The Kelley Prayer Chapel is the site of faculty prayer meetings each month, as well as Student Prayer Band each Tuesday and Thursday evening.

Chapter 8

Courses of Instruction

Olivet designs and offers academic programs that support its general objectives, and that appear to meet important needs of its students and constituency. The following listing of programs of instruction include some developed recently as well as traditional programs of the University.

Course and Department Numbering System

The number of the course designates the level or classification a student must have to take the course.

000 — Not available for degree credit
100 — Introductory or basic Freshman level courses
200 — Sophomores and specially qualified Freshman
300 — Juniors and specially qualified Sophomores
400 — Seniors and qualified Juniors
500 — Graduates, qualified Seniors
600 — Graduates only
The courses of study in the University are grouped in nine divisions. Departments in each division are listed below and at the page beginning each division.

All these departments offer majors except Fine Arts, Library Science, Music Literature, Music Theory, Political Science and Geography. A chart of majors and minors appears in Chapter 2.

The first instructor named under each department is the chairman of that department; others are listed alphabetically in the department.

The Divisions, Departments and Disciplines offered are:

10 — General Studies & ROTC (Army), p. 76

1. Division of Education and Psychology p. 78
   11 — Education 79
   12 — Library Science 83
   13 — Psychology 83
   14 — Physical Education 86

2. Division of Nursing — 15, p. 91

3. Division of Fine Arts p. 96
   21 — Fine Arts 97
   22 — Art 97
   23 — Applied Music 103
   24 — Church Music 107
   25 — Music Education 107
   26 — Music Literature 108
   27 — Music Theory 109

4. Division of Languages, Literature and Communication p. 110
   32 — English Language and Literature 111
   33 — Foreign Languages 114
   34 — Speech Communication 117

5. Division of Natural Sciences p. 120
   41 — Natural Sciences 126
   42 — Biological Sciences 126
   43 — Chemistry 131
   44 — Geological Sciences 134
   45 — Mathematics and Computer Science 136
   46 — Physics 141

6. Division of Religion and Philosophy, p. 144
   51 — Biblical Literature 146
   52 — Philosophy 148
   53 — Christian Education 149
   54 — Theology 152

7. Division of Social Sciences, p. 154
   61 — Social Sciences 155
   62 — Business Administration 156
   63 — Accounting 161
   64 — Economics 162
   65 — History and Political Science 163
   66 — Political Science 167
   67 — Home Economics 168
   68 — Sociology and Anthropology 173
   69 — Geography 175

8. Division of Graduate Studies p. 178

9. Division of Continuing Education p. 183
General Studies

The following courses are offered without reference to any department:

GS100 — Introduction to College Studies, 1 hour.
A credit course required for freshman designed to facilitate successful adjustment to college. The summer orientation program and weekly discussion sessions in the fall with one's academic advisers make up the two major parts of this course. Required of all freshman. Pass/Fail grading.

GS101 — Essentials of Learning. 2 hours.
A course of basic instructional guidance designed for students who do not meet regular admissions criteria. Study and life-coping skills, time management, and notetaking are the focus of the sessions together. Counseling is offered to assure a chance of success in college. Credit for this course will not be entered on the transcript until the successful completion of other courses in the fall semester is recorded.

GS102 — Introduction to Career Options. 2 hours.
An introduction and biblical approach to the areas of career, calling and occupation. Intended to provide understanding of work, value systems, aptitudes, skill identification and tools helpful in career direction exploration through participation in self-assessment, value clarification and theory examples. Helpful in selection of academic major, and utilization of educational choices. Open to students of all class levels. Seniors are provided opportunity for personal document development, usable in job campaign strategy. Persons interested in assisting others in career choices and information will be introduced to the rudiments of that process.

GS300 — Academic Advising Assistantship. 1 hour.
A credit course for upper division students selected by the Academic Dean to assist as an adviser in the freshmen advising program. Responsibilities consist of participation in an in-service workshop, one summer freshman orientation, and assistance in weekly freshman advising sessions. Pass/Fail grading.
Reserve Officers Training Corps (Army ROTC)

Olivet Nazarene University has developed a working relationship with Wheaton College for the Army ROTC program. Five courses are taught at Olivet at the present time for freshmen and sophomores. Upper division students continue the ROTC program through cross-enrollment with Wheaton College. Substantial scholarships may be earned by those who qualify through the initial courses. Courses 10-132 and 10-133 may also be used for Physical Education activity course credit in General Education Requirements.

Courses

10-130 — The Army Today. ½ hour. An introductory course on the U.S. defense establishment and the U.S. Army, ROTC orientation and history, Christian perspectives on military service, orientation on Army life and opportunities, fundamentals of soldiering, individual tactical training.

10-132 — Orienteering and Mountaineering. ½ hour. Basic fundamentals in map reading and land navigation. Introduction to principles and techniques of orienteering and mountaineering, with practical exercises in mountain climbing, rappelling and orienteering. Applies toward Physical Education activity course requirement.

10-133 — Rifle Marksmanship. ½ hour. Introduction to rifle marksmanship, including live fire of .22 calibre rifle, M16A1 rifle, and pistol; familiarization with individual and crew served weapons to include nomenclature, characteristics, principles of operation and maintenance. Applies toward Physical Education activity course requirement.

10-231 — Leadership and Management. 1 hour. Study and application of the principles and techniques of leadership and management at small unit or organization levels. Decision making, human behavior, and motivating performance are emphasized.

10-235 — Small Unit Leadership. 1 hour. Fundamentals and principles of squad tactics and leadership; appreciation of the junior leader’s qualities, role and responsibilities; fundamentals of first aid and advanced map reading and land navigation to include practical exercises. Prerequisite: 10-130 or equivalent.
Students have access to more than 100 computer terminals and microcomputers for writing and research, as well as learning computer science. An additional 120 terminals are used in administrative and faculty offices to conduct school operations.

**Division of Education and Psychology**

**Education — 11**
**Library Science — 12**
**Psychology — 13**
**Physical Education — 14**

*Stephen M. Pusey, Chairman*

The Division includes the Departments of Education, Psychology, and Physical Education. Service courses in Library Science are also available.

The Division attempts to help achieve the aims of the college by: (a) giving the student an understanding of human behavior, emphasizing good mental and physical health through theory and practice; (b) helping the student make vocational preparation in the fields represented in the Division; and (c) helping the student see the practical application of Christianity in these fields of service.
Major, B.A. or B.S. A Professional Education Sequence of courses, plus specialization in subject matter. These approved Teacher Education programs are described in Chapter 7 of this Catalog:

1. Elementary Education Options:
   A. Single Specialization
   B. Two specializations
   C. Elementary and Day Care
   D. Elementary and Christian Education
   E. Special and Elementary Education
   F. Middle School Program

2. Professional Education Sequence for Secondary Teachers

3. Music Teaching Program

Associate of Arts Degree Program for Teacher Aides

Required: 14-19 hours

Educ. 129 — Teacher Aide Field Work (1-2 hours)
249 — Educational and Developmental Psychology
357 — Foundations of Reading
P.E. 200 — Introduction to Health Education
367 — Methods and Materials in Physical Education — Elementary School
   or Art 105 — Crafts
   or P.E. 301 — Health Education for Elementary School
Bus. 113 — Typewriting or 1 year of high school typing

Recommended:
Lib. Sci. 201 — Use of Libraries and Information Sources

Candidates for the Associate of Arts degree for Teacher Aides must complete the General Education Requirements (Catalog, Chapter 2) including Introduction to Psychology 101 or Psych. 211 (for elementary aides) or Psych. 212 (for secondary aides), and a course in Mathematics. The total program is subject to the approval of the department chairman.

The Master of Arts in Education Degree is offered for both Elementary and Secondary teachers. These programs are described in the chapter of this catalog devoted to graduate studies and in a separate Graduate Bulletin.
Typical Program of Courses for a Student Majoring in Education

Freshman Year
Freshman Composition
Introduction to Fine Arts
U.S. History or American Government
Old and New Testament Survey
Introduction to Psychology
Life Science — Biology or Botany
Physical Education
Mathematics
Education in American Society

Sophomore Year
Speech Communication
Fiction, Poetry or Drama
Social Science
Physical Science
Education and Developmental Psychology
Art or Crafts for Teachers
Christian Doctrine
Physical Science or Geology

Courses

11-101 — Education in American Society. 2 hours. An introduction to the history, philosophy, organization, development and critical issues of American education. Included is an examination of the school, the teacher, the curriculum, the outside influences that affect schooling, and the fundamentals of teaching as a profession. The course is designed for students interested in exploring the field of education generally or for those seeking assistance in choosing elementary or secondary teaching as a vocation. As a part of the course, students will become familiar with the teacher education program at Olivet.

11-105 — Crafts for Elementary Teachers. 2 hours. (Same as Art 105.)

11-129 — Teacher Aide Field Work. 1-2 hours. Each student will need to clear two mornings or two afternoons per week for assignments in the schools. One week (6 hours of class meetings) will be spent in orientation and study of para-professional duties and responsibilities. A student will spend 40 or more hours in a public school setting per credit hour.

11-211 — Child Growth and Development. 3 hours. Same as Psychology 211. Elementary education majors who have had a course in psychology in high school should take this course in place of 13-101 — Introduction to Psychology.

11-249 — Educational and Developmental Psychology. 3 hours. This course introduces students to educational psychology and child development. It is a competency-based course wherein students achieve criterion on one unit study guide and test before proceeding to another. Students are assigned approximately 13 90-minute field experiences from which they report, based on textbook material, by identifying a concept from their textbook and applying the concepts to their practicum experience. Ten field reports are required, along with an evaluation form and time sheet for the practicum. Prerequisites: Education 101 and Psychology 101. Psychology 211 for Elementary teachers or Psychology 212 for Secondary Teachers may be substituted for Education 249, provided the practicum is fulfilled.

11-341 — Statistics. 4 hours. Same as Mathematics 341.

11-351 — General Methods for the Secondary School. 3 hours. Consists of a one-week orientation to the course and three weeks of an audio-visual unit emphasizing communication theory in education. The remainder of the course includes unit and teaching planning with a competency and criterion emphasis for secondary students. There is an emphasis on behavioral objectives. The on-campus lesson planning clinic is composed of student presentations and evaluation of peer plans to be taught in a 45 hour practicum which is supervised twice by the instructor in charge. Three lesson plans are taught in the 45 hour practicum, and become part of the practicum with time sheet and practicum evaluation form. Approximately 6 days are spent wherein students present lesson plans which they taught along with the practicum supervisor’s comments. Peer evaluation of these lesson plans is fundamental to their evaluation. Teachers use the audio-visual material learned in a unit earlier in the semester. If time permits, a microteaching lesson will be taught at Bradley-Bourbonnais High School. This course is a prerequisite for secondary special methods classes. Prerequisites: Educ. 101 and 249.

11-353 — Elementary School Social Studies Curriculum. 2 hours. Survey of trends in the teaching of the social studies, methods and materials available for use in teaching social studies and an analysis of the objectives of the social studies curriculum. Emphasis is placed on awareness of minority groups and their contributions to American multi-cultural education, the importance of the self-concept in school achievement, values clarification techniques, and the place of the text in an on-going social studies program.
11-354 — Foundation of Language Arts Curriculum. 2 hours. A study of the curricula content, teaching strategies and recent research in the communication skills of grammar, handwriting, creative writing, spelling and literature. Prerequisites: Educ. 249 and admission to the Teacher Education Program. Must be taken concurrently with Educ. 357.

11-356 — Elementary School Mathematics Instruction. 3 hours. This course outlines modern practices in the teaching of arithmetic with special emphasis upon a meaningful approach which includes both the mathematical phase and the social phase of arithmetic in keeping with recent research findings. Includes a 10-hour field practicum. Prerequisites: Educ. 249 and admission to the Teacher Education Program or consent of instructor. The course includes working with peers, and using manipulative materials.

11-357 — Foundations of Reading. 5 hours. An exploration of current approaches, trends, strategies, materials for instruction and recent research in the teaching of developmental reading in the elementary schools. Includes a 60-hour field practicum. Prerequisites: Educ. 249 and admission to the Teacher Education Program. Must be taken concurrently with Educ. 354.

11-358 — Teaching of Reading in Secondary Schools. 2 hours. Dealing with reading problems of a high school student in a specific content is the purpose of this course. Secondary education students will be involved in diagnosis, remediation, enrichment, measurement, and evaluation of reading problems of high school students.

11-360 — Instrumental Activities. 1 hour. Same as Music 25-360.

11-361 — Principles of Elementary Art Education. 2 hours. Same as Art 361.

11-362 — Principles of Secondary Art Education. 3 hours. Same as Art 362.

11-363 — Elementary School Science Curriculum and Instruction. 3 hours. An introduction to elementary school science curriculum and instructional methods. Students are involved with public school academically talented students for twelve sessions in science instruction on campus. Prerequisites: Educ. 249 and admission to Teacher Education Program, or consent of instructor.

11-364 — Methods in Secondary Physical Education. 3 hours. Same as P.E. 364.

11-366 — Music Activities for the Elementary School. 1 hour. (Same as Music 366.) Prerequisite: Education 360.

11-367 — Methods and Materials in Physical Education for the Elementary School. 3 hours. Same as Physical Education 367.

11-375 — Instrumental Methods and Conducting. 3-4 hours. Same as Music 376.

11-376 — Survey of Exceptional Children. 3 hours. An overview of exceptionality: gifted, health impaired, mentally retarded, physically impaired, socially maladjusted, learning disabled, and emotionally disturbed. The psychology of exceptionality will be used as a basis for consideration of each area. Practitioners in these special education areas will make presentations from their respective field of expertise.

11-378 — Choral Methods and Conducting. 3-4 hours. Same as Music 378.

11-400-414 — Student Interest Practicum. 1-4 hours. This is a field experience in which the elementary or secondary education student works with students in an area of interest under the supervision of a supervising teacher or director of a program. A student will spend 30 or more hours per credit hour. Prerequisites: Junior Standing, Ed. 249.

These course numbers will designate particular programs of the Practicum in various departments:

11-400 — Open School Concept
11-401 — Language and Literature
11-402 — Social Sciences
11-403 — Natural Sciences
11-404 — Fine Arts
11-405 — Outdoor Education
11-406 — Pre-School
11-407 — Special Education
11-408 — Reading
11-409 — Mathematics
11-410 — Vocational Education
11-411 — Physical Education
11-412 — Reading Laboratory
11-413 — Learning Center
11-414 — Multicultural Community Relations
11-415 — Pre-Student Teaching Practicum. 1-3 hours. Students will spend a minimum of 40 clock hours per semester hour working with students and a classroom teacher in a public school classroom. Designed for education student who have not completed the state-mandated 100 pre-student teaching hours as part of required coursework, or those who may wish to take practicum hours in addition to those required. Prerequisite: Admission to Teacher Education.

11-425 — Diagnosis in Reading, 3 hours. An overview of the basic principles, nature, causes and diagnoses of reading difficulties. Included in the course is information to help teachers translate diagnostic information of disabled readers into corrective methods for instructional practice. Other focal areas include: factors influencing a student's reading development, group and individual diagnosis, current research in identifying children with perceptual, visual, or audi-
tory problems, and improvement of corrective reading skills. Includes participation in a school remedial reading setting. Prerequisites: Education 357 and 408 or equivalent.

11-460 — General Music Methods. 3-4 hours. Same as Music Educ. 460.

11-469 — Teaching of Modern Languages. 3 hours. Same as Foreign Language 469.

11-470 — Teaching Accounting and Basic Business Subjects. 3 hours. Same as Business 470.

11-474 — Teaching of Mathematics. 3 hours. Same as Mathematics 474.

11-475 — Methods of Teaching Home Economies. 3 hours. Same as Home Economics 475.

11-476 — Teaching of English. 3 hours. Same as English 476.

11-477 — Teaching of Science. 3 hours. Same as Natural Science 477.

11-478 — Teaching of Social Studies. 3 hours. Same as Social Science 478.

11-479 — Teaching Secretarial Skill Subjects. 3 hours. Same as Business 479.

11-481 — Para-Professional Practicum. 4 hours. Students will spend half days for eight weeks working with a teacher as a para-professional under supervision of a university supervisor.

11-484 — Supervised Student Teaching in the Elementary School. 12 hours. Prerequisites: Senior standing, approval by the Committee on Teacher Education, Education 249 and reading and mathematics methods.

11-485 — Supervised Student Teaching: All Grades. 12 hours. Prerequisites: Senior standing, approval by the Committee on Teacher Education. Educ. 351, and/or appropriate special methods course or two appropriate methods courses without Educ. 351.

11-486 — Supervised Student Teaching in the Secondary School. 12 hours. Prerequisites: Senior standing, approval by the Committee on Teacher Education, Education 351 and an appropriate special methods course (concurrent registration in these courses may be permitted).

11-487 — Elementary School Curriculum and Management. 2 hours. Examines such issues as schedules, reports, attendance records, parent-teacher-principal-pupil relationships, modern trends and practices in curriculum organization, and planning the educational program. Intended as a culminating course in the preparation for elementary school teaching.

11-494 — Senior Seminar: Current Issues in Education. 1 hour. Research and discussion of major current issues in American education. Each student will select and research topics/issues of personal interest and present their findings as a basis for class discussion. To be taken concurrently with Student Teaching.

11-496 — Instructional Media. 1 hour. A one-block length introduction to the theory and principles of instructional media and the new technologies of instruction. Through classroom lecture/demonstrations and student readings, each student will understand the relationship of various contemporary communication strategies to the teaching/learning process.

11-498 — Audio-Visual Laboratory. 1 hour. Competencies in the operation of standard audio-visual hardware and in the creation of media materials will be developed through a combination of self-study modules and production projects. Specific projects will be determined by a diagnosis of entry level skills and anticipated needs. Pass/Fail grading. Prerequisite: Music 460, Educ. 351 or Educ. 496.

11-520 — History and Philosophy of Early Childhood Education. 3 hours. Examines current curriculum issues from philosophical, historical and theoretical perspectives. Fundamental ideas which have influenced early childhood programs will be studied. The course provides a review and analysis of research findings, experimentation and current trends in early childhood education.

11-526 — Instructional Methods of Early Childhood Curriculum. 3 hours. Explores the educational needs of young children through analysis of play, science, art, music, mathematics, language and pre-reading experiences. A further emphasis is placed on organization of balanced daily programs, planning and using materials of instruction, pupil evaluation, parent communication, classroom environment and needs of special children. Includes a three-week practicum in local preschools or day care centers.

11-561 — Statistics. 4 hours. Same as Educ. and Math 341.

11-562 — Measurement and Evaluation. 2 hours. Review of the basic principles of measurement, practice in evaluation, administering and interpreting results of measures of achievement, general and special abilities, personality and interests. Individual projects in measurement and evaluation will include summarizing the evaluation procedures of special education procedures for the different areas of exceptionality, study of instruments used in assessing exceptional children, and working under the supervision of one special education teacher in a practicum experience during the semester.

11-600-699 — Graduate Level Courses. Open to some seniors. See Director of Graduate Studies.
Library Science — 12

12-201 — Use of Libraries and Information Sources. 2 hours. Practical information on the use of books, the Dewey classification, the card catalog, printed indices, bibliographies, and other reference books.

12-364 — Children’s Literature. 2 hours. A survey and critical analysis of children’s literature to aid in the selecting of reading material for children from the pre-school age through the elementary grades.

12-368 — Books for Young People. 2 hours. A survey of the adolescent literature genre. Critical standards for analysis and evaluation of young adult fiction are reviewed so students may guide the adolescent to meaningful transition literature. Extensive reading of both young adult books and bibliographic material.

12-496 — Instructional Media. 1 hour. Same as Education 496.

12-498 — Audio-Visual Laboratory. 1 hour. Same as Education 498.

Psychology — 13

WILLIAM BELL (1970)
Professor of Psychology; Chairman of Department
Ph.D., 1975, Northwestern University

FRANKLIN GARTON (1979)
Associate Professor of Psychology;
Director of Counseling Services
B.A., 1958, Olivet Nazarene University
M.A., 1965, Ball State University
Instructor’s Certificate, (PET), 1976,
LaVerne, College
Instructor’s Certificate (AMITY), 1978,
Pine Rest Christian Hospital

LAVERNE JORDAN (1986)
Assistant Professor of Psychology
B.S., 1970, Purdue University
M.S., 1973, University of Arizona
M.S., 1982, Purdue University
Ph.D. Candidate, Purdue University

JIM D. KNIGHT (1975)
Assistant Dean of Instruction; Registrar;
Director of Institutional Research;
Assistant Professor of Psychology
B.A., 1966, Trevecca Nazarene College
M.S., 1973, University of Tennessee

The objective of the Department of Psychology is to acquaint students with the science of behavior and the principles which contribute to optimal personality development, good interpersonal relationships, and the effective understanding and influence of human behavior. The faculty seek to uphold the highest ideals of Christian citizenship and a Christian philosophy of humanity and the world.

The department specifically provides students with four opportunities: First, it offers the specific training necessary for admission to graduate school programs in clinical, counseling, developmental, educational, industrial, social, experimental and school psychology. Second, for those who wish to move directly into a psychological vocation, the department provides students sufficient background in principles and practice to respond to the demands of their vocation. Third, the department enables students from other fields such as education, religion, business, and the social sciences, to become acquainted with the
principles of human behavior which may be applied in their vocations. Fourth, the
department seeks to give students sufficient
intrapersonal and interpersonal under­
standing to optimize the development of
healthy personalities and relationships.

To accomplish these objectives, the fol­
lowing options are available. Psychology
101 or 211 or 212 is a prerequisite for all
upper division courses in Psychology.
Psychology 101 is the recommended entry
level course unless a similar course has been
taken by the student in high school.

Psychology Major, 30 hours. B.A. or B.S.

Required:
Psy. 211—Child Developmental Psychology
212—Adolescent and Adult Develop­
mental Psychology
203—History and Systems of Psychology
301—Advanced General Psychology

One of these options is suggested:
A. Recommended courses for graduate
school:
Psy. 341—Psychological Statistics
342—Research Method and Design
343—Learning and Behavior Modifi­
cation
345—Physiological Psychology
361—Theories of Personality
449—Experimental Research Project
466—Abnormal Psychology
492—Psychological and Biblical Integra­
tion

and suggested supporting courses:
Biol. 121—General Zoology
245—Human Anatomy and Physiology
Math. 250—Compiler Languages

B. Recommended courses for service voca­
tions in psychology:
Psy. 311—Psychology of Personal
Adjustment
321—Social Psychology
322—Group Dynamics
343—Learning and Behavior Modifi­
cation
361—Theories of Personality
466—Psychology of Counseling
467—Psychotherapy
468—Abnormal Psychology
492—Psychological and Biblical Integra­tion

C. Recommended courses for students in
Christian service, social service, education,
business and other fields, who desire a
second supporting major or minor:
Psy. 311—Psychology of Personal
Adjustment
321—Social Psychology
322—Group Dynamics
343—Learning and Behavior Modifi­
cation
424—Psychology in Business and
Industry (Business majors)
466—Psychology of Counseling
492—Psychological and Biblical Integra­tion (Christian service majors)

D. Pre-Physical Therapy
A student seeking a graduate program in
Physical Therapy may major in Psychology
at Olivet. See the Department of Physical
Education for details.

Minor or Teaching Minor: 20 hours

Required:
Psy. 211—Child Developmental Psychology
or 212—Adolescent and Adult
Developmental Psychology
203—History and Systems of Psychology
301—Advanced General Psychology

Typical Courses for a Psychology Major

Freshman Year
Introduction to Psychology
Old and New Testament Survey
Freshman Composition
Introduction to Fine Arts
General Zoology or other Science
Physical Education

Sophomore Year
Child Developmental Psychology
Adolescent and Adult Psychology
History and Systems of Psychology
Christian Doctrine
Electives
**General Courses**

13-101 — Introduction to Psychology. 3 hours.  
An introductory course in the scientific approach to the study of human behavior. The facts and principles of human behavior pertinent to everyday life are stressed. Recommended course for general education credit.

13-202 — Educational Psychology. 3 hours.  
Same as Educ. 249. Prerequisite: Psy. 101, 211 or 212.

13-203 — History and Systems of Psychology. 3 hours.  
A history of the field of psychology with particular emphasis on the theoretical development from the prescientific era to the present time. Prerequisite: Psy. 101, 211 or 212.

13-211 — Child Developmental Psychology. 3 hours.  
A study of human physical, intellectual, emotional, perceptual, social and personality development from conception to puberty. It is recommended that 211 precede 212 if both courses are taken.

13-212 — Adolescent and Adult Developmental Psychology. 3 hours.  
A study of human physical, intellectual, emotional, perceptual, social and personality development from puberty to death. It is recommended that 211 precede 212 if both courses are taken.

13-222 — Psychology of Human Communication. 3 hours.  
Same as Sp. Comm. 222.

13-301 — Advanced General Psychology. 3 hours.  
An advanced survey and review of the theory and research in psychobiology, learning, development, personality, adjustment, social psychology, psychopathology, and psychotherapy. Special emphasis will be placed on sensation and perception, motivation and emotion, intelligence and psychological testing. Prerequisite: 12 hours of Psychology including 203.

13-311 — Psychology of Personal Adjustment. 3 hours.  
The objective of this course is to give a general orientation to the subject of personal adjustment with some emphasis placed on mental hygiene. The individual and cultural determinants of behavior will be discussed. Prerequisite: Psy. 101, 211 or 212.

13-321 — Social Psychology. 3 hours.  
This course considers the social factors which operate in influencing the behavior of the individual. Emphasis is given to the description and evaluation of the methods of measurement and techniques of investigation for the social psychologist. Prerequisite: Psy. 101, 211 or 212.

13-322 — Group Dynamics. 3 hours.  
Same as Sp. Comm 348.

13-424 — Psychology in Business and Industry. 3 hours.  
A survey of the theory, research and strategies used in business, industry and government in the following areas: (a) personnel selection, assessment and training, (b) human engineering, motivation, work efficiency and job satisfaction, (c) organizational structure and dynamics, (d) leadership and supervisory training, (e) employee counseling. Prerequisite: Psy. 101, 211 or 212.

13-492 — Psychological and Biblical Integration. 3 hours.  
Emphasis is placed on the relationship between psychological and biblical perspectives, particularly in areas that directly influence and apply to the personal psychological and spiritual process of the individual. Specific areas of concentration will be unique according to the instructor. Seniors only, or permission of the instructor.

13-499 — Special Topics in Psychology. 1-3 hours.  
A departmentally approved project where a major may pursue a subject of particular interest not already treated extensively in a regular course.

**Experimental Courses**

13-341 — Psychological Statistics. 4 hours.  
Same as Math 341.

13-342 — Research Method and Design. 3 hours.  
A survey of the methods of gathering, interpreting and communicating psychological data with emphasis on the experimental method and psychological testing. Topics include psychological measurement and scaling techniques, the various types of research designs, report writing and interpretation, graphical reporting of data, and bibliographical sources in psychology. Psych. 342 is a recommended prerequisite for 341 and 343.

13-343 — Learning and Behavior Modification. 4 hours.  
A survey of the basic types of learning and the variables which influence the learning process. Emphasis is placed on the theoretical and applied aspects of human behavior change. Recommended prerequisite: Psychology 203.

13-345 — Physiological Psychology. 3 hours.  
This course acquaints students with the neurological and glandular bases of learning, sensation, perception, and behavior. Lecture and laboratory experiences are included.

13-449 — Experimental Research Project. 1-3 hours.  
A departmentally approved experimental research project designed, conducted and written up by the student. Prerequisites: Eighteen hours of psychology including Psych. 341, 342, and one of 301, 343 or 345.
**Clinical and Counseling Courses**

13-361 — *Theories of Personality.* 3 hours. A study is made of the conceptualizations of personality that are acceptable to the various theoretical positions. Also, consideration is given to the many factors that affect the personality development of the individual. Emphasis is placed on what is considered normal personality. Recommended prerequisite: Psy. 203.

13-462 — *Psychological Testing.* 3 hours. Same as Education 562.

13-466 — *Psychology of Counseling.* 3 hours. A study of the process of psychological counseling with emphasis on effective counselor characteristics, the initial session, facilitative relationship, goals, strategies, termination, ethical issues within counseling, and the development of a personal counseling model. Application will be made to interest areas such as crisis intervention, pastoral counseling, marriage and family counseling, social work, and personnel services. Prerequisites: Psy. 101, 211 or 212, and permission of the instructor.

13-467 — *Psychotherapy.* 3 hours. A survey of the major concepts and practices in contemporary psychotherapy and counseling. Emphasis will be given to psychoanalysis, individual psychology, transactional analysis, and client-centered, existential, gestalt, rational-emotive, reality, and behavior therapies. Attention will be given to the development of effective therapist characteristics and a personal therapy model. Prerequisites: Psy. 361 or 468 or permission of the instructor.

13-468 — *Abnormal Psychology.* 3 hours. A comprehensive study of the various types of personality and behavioral abnormalities, including their etiology, symptoms, dynamics and treatment. A comparison is made between normal and maladaptive functioning. Prerequisite: 12 hours of Psychology, or permission of the instructor.

13-469 — *Field Experience.* 5 hours. The student will work 16 hours per week in an approved agency under the supervision of a professionally trained staff member. This will be arranged according to the interests of the student. Open only to senior psychology majors.

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**Physical Education — 14**

**Larry D. Watson** (1965)
*Assistant Professor of Physical Education, Chairman of the Department, Athletic Director.*
B.S., 1965, Olivet Nazarene University
M.A., 1968, Western Michigan University

**Brian Baker** (1985)
*Assistant Professor of Physical Education*
B.S., 1980, Taylor University
M.A., 1981, Ball State University

**Carol Doenges** (1968)
*Assistant Professor of Physical Education*
B.A., 1967, Olivet Nazarene University
M.Ed., 1971, University of Illinois

**Ralph Hodge** (1979)
*Instructor of Physical Education*
B.A., 1976, Olivet Nazarene University
Graduate Studies, Western Illinois University

**Brenda Patterson** (1978)
*Associate Professor of Physical Education*
B.S., 1975, Trevecca Nazarene College
M.Ed., 1977, Middle Tennessee State University

**Kim Raynor** (1986)
*Instructor of Physical Education*
B.A., 1980, Liberty Baptist University
M.A., 1985, Austin Peay University

**Dennis Roland** (1986)
*Assistant Professor of Physical Education*
B.S., 1978, Boston University

The physical education department offers a service program in physical education as well as professional training leading to a major. An extensive intramural and intercollegiate sports program is also sponsored by the Department.

The Department of Physical Education has as its objectives the promotion of good health practices in the lives of all students, the development of Christian character through sportsmanship and cooperative team play, the teaching of worthy use of leisure time, arousing interest and developing skills in games and recreational activities,
Physical Education 87

and providing students majoring in Physical Education with the fundamental knowledge and skill required for effective service to society.

Two semester hours of health and/or physical education are required of all students. At least one of the hours must be in activity courses. Veterans may apply at the Registrar's office for credit covering service experience in the Armed Forces. In cases in which inability is certified by the school physician, substitutions may be arranged of the same number of hours in zoology, hygiene, or first aid.

The practicum courses consist of inservice training available upon approval by the department head under close supervision of a department faculty member. They will allow training in the areas of intramurals, physical education, recreation, athletics.

All Health and Physical Education majors and minors in the Teacher Education Program must obtain a grade of C- or above in all Physical Education, Health and required supporting courses to meet the requirements for graduation.

Physical Education Major, 38 hours. B.A. or B.S.

Course work designed for those interested in YMCA, YWCA or other recreation fields.

Required:
P.E. 121 or 122 or 123 — Conditioning, and at least 3 activity courses selected from P.E. 102-119.
149 — Careers and Concepts in P.E.
225 — Methods of Teaching Individual Sports
241 — First Aid and Emergency Care
274 — Outdoor Education
362 — Care of Athletic Injuries
367 — Methods and Materials in Physical Education for the Elementary School
471 — Organization and Administration of P.E.
472 — Kinesiology
or 360 — Physiology of Exercise

And 13 additional hours from the department, including one hour of courses selected from:
P.E. 114 — Swimming
115 — Lifesaving
116 — Scuba
131 — Tennis

Required supporting courses:
Bio. Sci. 121 — General Zoology
245 — Anatomy and Physiology

Also recommended:
Take as many activity courses as possible, P.E. 100-130, and 370 — Adaptive and Corrective P.E.

Physical Education Teaching Major, 35 hours. B.A. or B.S.

Required:
P.E. 121 or 122 or 123 — Conditioning, and at least 3 activity courses selected from P.E. 102-119.
149 — Careers and Concepts in P.E.
225 — Methods of Teaching Individual Sports
352 — Tests and Measurements in P.E.
360 — Physiology of Exercise
362 — Care of Athletic Injuries
367 — Methods of P.E. — Elementary
370 — Adaptive and Corrective P.E.
471 — Organization and Administration of Physical Education
472 — Kinesiology

And 6 additional hours selected from:
P.E. 221 — Basketball Coaching
222 — Track and Field Coaching
223 — Baseball Coaching
224 — Football Coaching
226 — Training and Coaching the Woman Varsity Athlete
227 — Team Sports Officiating
229 — Methods of Teaching Team Sports

Required supporting courses:
Bio. Sci. 121 — General Zoology
245 — Anatomy and Physiology
The Professional Educational Sequence including P.E. 364 in Methods.

Physical Therapy — Pre-Professional Program

A fully certified program in Physical Therapy is customarily offered only with graduate work in a university. At the undergraduate level, a person interested in Physical Therapy would major in Physical Education, Biological Science or Psychology. In addition, completion of the following courses is strongly recommended. These are most often required for admission to the graduate schools:
88  Physical Education

Phys. Educ. 114 — Swimming
or 115 — Lifesaving
360 — Physiology of Exercise
362 — Care of Athletic Injuries
370 — Adaptive and Corrective P.E.
472 — Kinesiology

Biology 121 — General Zoology
245 — Anatomy and Physiology
361 — Vertebrate Zoology
455 — Human Physiology

Psychology 101 - Introduction to Psychology
211 — Child Developmental Psychology
311 — Personal Adjustment
345 Physiological Psychology

Chemistry 101 and 102
or Chemistry 103 and 104

Physics 121 and 122
or Physics 201 and 202

Math. 131 — Algebra and Trigonometry
or 147 — Calculus I

Speech 101 — Fundamentals of Speech

Physical Education Minor, 16 hours

Required:
P.E. 149 — Careers and Concepts in Physical Education
Additional courses to be approved by Department Chairman.

Physical Education Teaching Minor: 24 Hours

Required:
P.E. 149 — Careers and Concepts in Physical Education
364 — Methods in Secondary Physical Education
367 — Methods of P.E. — Elementary
471 — Organization and Administration of P.E.

and 12 additional hours selected from:
221 — Basketball
222 — Track and Field
223 — Baseball
224 — Football
225 — Methods of Teaching Individual Sports
227 — Team Sports Officiating
229 — Methods of Teaching Team Sports

Supporting course:
Bio. Sci. 121 — General Zoology

Health Education Teaching Minor, 21 hours

Required:
Phys. Ed 141 — Personal and Community Health
200 — Intro. to Health Education
241 — First Aid and Emergency Care
301 — Health Educ. in Elementary School
or 302 — Health Educ. in Secondary School
340 — Materials and Methods in School Health
375 — Problems and Programs of Community Health

Two courses selected from:
Home Ec. 121 — Intro. to Nutrition
352 — Consumer Economics
Psych. 211 — Child Development
212 — Adolescent and Adult Development
311 — Psych. of Personal Adjustment
Speech 222 — Psychology of Human Communication
354 — Communication Theory

Biology 241 — Genetics
362 — Human Nutrition
370 — Ecology
560 — Topics in Environmental Science

Sociology 232 — Marriage and Family
Educ. 376 — Survey of Exceptional Children

Required supporting courses:
Biology 121 — General Zoology
245 — Human Anatomy and Physiology

Typical Courses for a Student Majoring in Physical Education

Freshman Year
Careers and Concepts of P.E.
Conditioning
English Composition
Old and New Testament Survey
Introduction to Fine Arts
U.S. History
Mathematics
Physical Education Activities
Courses

14-102-123 — Elective Physical Education. These introductory courses are designed to teach fundamental rules and skills in individual and team activities. Each activity carries ½ hour credit. The student will normally register for two activities each semester for 1 hour credit.

102 Archery
103 Basketball
104 Badminton
105 Bowling
107 Flag Football
108 Golf
109 Soccer
110 Outdoor Recreation
111 Softball
112 Tennis
113 Volleyball
114 Swimming (men)
115 Lifesaving
116 Scuba Prerequisite: 115 and instructor’s approval.
117 Bicycling
119 Personal Defense for Women
121 Conditioning for College Men. 1 hour.
122 Conditioning for College Women. 1 hour.
123 Conditioning for Varsity Athletes. ½ hour.
14-131 — Tennis. 1 hour. A course outlined for beginning players. Emphasis is placed on the development of fundamental skills.

14-141 — Personal and Community Health. 2 hours. The study includes essentials of personal and community health. Fundamentals of health science, scientific prevention of illness, dynamics of health in the individual and family are studied. Same as Biology 141.

14-149 — Careers and Concepts in Physical Education. 3 hours. To describe and illustrate the purposes of American physical education, the knowledge about science and society which contributes to the discipline, the career possibilities available to professionals, and responsibilities of successful physical educators.

14-200 — Introduction to Health Education. 2 hours. The philosophy, aims, objectives and principles of health education. Emphasis on the school health education program.

14-221 — Basketball. 2 hours. An intensive study of the rules and problems relative to the development of successful offensive and defensive play. For P.E. majors and minors only.

14-222 — Track and Field. 2 hours. The study and practice of the various coaching techniques in track skills, methods of training and conditioning, and the methods of administering track meets. For P.E. majors and minors only.

14-223 — Baseball. 2 hours. This course combines the rules and coaching techniques of baseball. For P.E. majors and minors only.

14-224 — Football. 2 hours. A study of rules, coaching techniques and problems relative to the development of successful offensive and defensive play. For P.E. majors and minors only.

14-225 — Methods of Teaching Individual Sports. 3 hours. The four individual sport groups covered in this course are Racquet (Badminton, Raquetball, Tennis), Rhythms (Aerobics, Gymnastics and Rhythms), Recreational (Archery, Bowling, Golf), and Fitness (Swimming, Track, Weight Training). Emphasis is placed on techniques and skills necessary for giving instruction.

14-226 — Training and Coaching the Woman Varsity Athlete. 2 hours. A study of the psychological and physical concepts of coaching women athletes. Concentration on specific coaching techniques, drills, strategies and training for selected sports.

14-227 — Team Sports Officiating. 3 hours. A study of techniques, team play, rules, and rule interpretation with emphasis on proper mechanics and judgment in officiating. Practical experience obtained.

14-229 — Methods of Teaching Team Sports. 2 hours. Techniques and procedures for teaching a number of selected team sports including softball, soccer, volleyball, and basketball.

14-241 — First Aid and Emergency Care. 2 hours. Vital and practical applications and procedures in caring for an injured person, including safety, Heimlich method in choking, splinting and bandaging.

14-274 — Outdoor Education. 2 hours. A study of the approved techniques for out-of-door living and recreation with opportunity for the student to develop skills in the various areas covered.

14-301 — Health Education in the Elementary School. 3 hours. An introduction to health education in the elementary school designed to acquaint the teacher with contemporary concepts of health education in the elementary school. Emphasis will be on learning, identifying and dealing with the health needs and problems of the elementary child. A significant portion of the course activities will be the planning, execution and evaluation of appropriate clinical experiences.
14-302 — Health Education in the Secondary School. 3 hours. An introduction to health education in the secondary school. Emphasis will be on learning, identifying and dealing with the health needs and problems of the secondary student. A significant portion of the course activities will be the planning, execution and evaluation of appropriate clinical experiences.


14-352 — Tests and Measurements in Physical Education. 3 hours. The application of the principles and techniques of educational measurement to the teaching of health and physical education; study of the functions and techniques of measurement in the evaluation of student progress toward the objective of health and physical education, and in the evaluation of the effectiveness of teaching.

14-360 — Physiology of Exercise. 3 hours. Study of various systems of the human body when subjected to various degrees of physical work. Prerequisite: Biology 245.

14-362 — Care of Athletic Injuries. 3 hours. A course designed to meet the needs of high school instructors and coaches in the presentation, treatment and care of injuries and techniques of taping.

14-364 — Methods in Secondary Physical Education. 3 hours. This course will deal with the methods, materials, and techniques pertinent to the teaching of Physical Education in the secondary school program. Special attention will be given to the interpretation of the developmental needs of the adolescent in terms of activity. Includes a 45 hour practicum in a public school setting. Prerequisite: P.E. 225 for men or P.E. 229 for women.

14-367 — Methods and Materials in Physical Education for the Elementary School. 3 hours. A study of various methods used in teaching physical education in Grades K-6. The course includes lesson and unit planning, organizational procedures and methods used in teaching basic movement, stunts and tumbling, rhythms, and sports skills.

14-370 — Adaptive Physical Education. 3 hours. A course designed to acquaint the student with the principles of planning and conducting an adaptive physical education program to meet the needs of handicapped students. The public laws and their applications to the physical educator are included.

14-375 — Problems and Programs of Community Health. 3 hours. Community health needs, including the role of governmental agencies. Emphasis on the relationship between community and school health education programs.

14-471 — Organization and Administration of Physical Education. 3 hours. A study of the aims and objectives of physical education as related to those of general education. Principles of dealing with finance, school-home relations, scheduling, eligibility, the press, maintenance, and personnel are studied.

14-472 — Kinesiology. 3 hours. Study of the human body in motion. Prerequisite: Biology 245.

14-490, 14-492 — Intramural Practicum. 2 to 4 hours. A course designed to give first hand experience in the organization and administration of intramurals. In-service training involving setting up activities, advertisement of the program, setting up and conducting tournaments and officiating. A student may enroll in this course twice for a maximum of four hours; two hours each experience. Prerequisite: Application to and approval of Chairman of the Department.

14-494, 14-496 — Practicum in Physical Education, Athletics & Recreation. Designed to give the physical education major a first hand experience in the instruction of physical education, recreation, and coaching. This experience ordinarily will be preliminary to and will assist the student in his preparation for student teaching. A student with a non-teaching major may enroll in this course for in-service training to be set up at the YMCA. A student may enroll in this course twice for a maximum of four hours; two hours to be obtained in each of two clearly defined areas. Prerequisite: Application to, and approval of the Department Chairman.
More than 600 students have now graduated from Olivet's bachelor's degree program in nursing which is accredited by the National League for Nursing.

Division of Nursing Education — 15

Albertta David, Chairman

Nursing is a challenging and rewarding career for both men and women. It combines the practice of a profession with the opportunity to serve humankind.

Nursing at Olivet involves caring for the whole person. To do this, nurses are taught to consider five dimensions: biological, psychological, social, developmental and spiritual. The Betty Neuman Health Care System Model is the nursing theory which underlies the curriculum.

Students are exposed to a variety of learning experiences ranging from health promotion and maintenance to restorative care during illness. They work in a variety of health care agencies. These experiences help to broaden the student's view of employment opportunities.

The nursing program is designed on the belief that the liberal arts are an essential foundation for nurses as they study Man, Health, the Environment and Nursing.

The program has approval from the Illinois Department of Registration and Education and is accredited by the National League for Nursing.
The professional nurse who graduates from Olivet Nazarene University is prepared to promote, restore and maintain wellness by assisting individuals, families and communities to effectively adapt to a changing environment.

The upper division curriculum in Nursing builds on the broad liberal arts foundation. Liberal arts provide the background for students to understand the biological, psychological, social, developmental and spiritual dimensions of Man. This broad base is then combined with nursing theory and applied in the context of clinical practice.

Students may apply for admission to the Nursing major at the end of their freshman year (approximately 30 semester hours). They may be accepted if they have completed five of the nine supporting courses with no grade less than C (2.0), have an ACT Composite Score of 18 or higher, and have a cumulative grade point average of at least 2.5 on a 4.0 scale. Students who do not meet requirements for admission to the nursing major as freshmen will have admission delayed and will be re-evaluated at the end of the fall semester of the sophomore year.

All students must submit evidence of good health in accordance with Illinois Department of Health regulations for health care agency personnel. Persons seeking admission are expected to be well in mind, body and spirit. Students who have special health problems or physical handi-
caps will be reviewed by the division to determine the extent to which their particular problem or handicap may interfere with the practice of nursing. All decisions of the division are final.

If it becomes necessary to limit the numbers in the nursing program, the criteria for acceptance will include grade point average, aptitude tests, personal references, and evidences of maturity and traits which would indicate success as a professional nurse.

Transfer students are accepted after all qualified prenursing students have been placed. Students wishing to transfer must have completed all the supportive courses and meet the same criteria as students who began their college work at Olivet.

Students from countries other than the United States must have their high school transcripts evaluated by the Illinois Department of Registration and Education prior to admission to the nursing major.

Continuation in nursing is contingent upon the maintenance of a grade point average of 2.2, completing supporting and major courses with a grade of C (2.0) or above, and personal and professional development.

Transportation to and from clinical sites is the responsibility of the student. Frequently students carpool to save on expenses.

Nursing Major: 50 hours. B.S.

Required:
Nursing 202 — Introduction to Professional Nursing
   222 — Basic Concepts in Nursing
   353 — Nursing Care of Individual and Family I
   354 — Nursing Care of Individual and Family II
   474 — Nursing Care of Family and Community I
   475 — Nursing Care of Family and Community II
   491 — Nursing Seminar
   493 — Research Seminar

To be supported by:
Chem. 101 — Introduction to Chemistry
   102 — Principles of Organic and Biological Chemistry

Bio. 121 — General Zoology
   245 — Human Anatomy and Physiology
   356 — Microbiology
   362 — Human Nutrition
Psych. 211 — Child Developmental Psychology
   212 — Adolescent and Adult Developmental Psychology
Sociology 121 — Introductory Sociology

Typical Program of Courses for a Student Majoring in Nursing

Freshman Year
Freshman Composition
Introduction to Chemistry
Principles of Chemistry
General Zoology
Introduction to Sociology
Anatomy and Physiology
Child Developmental Psychology
Physical Education

Sophomore Year
Human Nutrition
Microbiology
Introduction to Professional Nursing
Basic Concepts in Nursing
Literature
History
Old Testament Survey
Adolescent and Adult Psychology

Junior Year
Nursing Care of the Individual Family
Introduction to Fine Arts
New Testament Survey
Christian Doctrine
Intercultural Understanding

Senior Year
Nursing Care of Families and Community
Nursing Seminar
Research Seminar
Church and Christian Living
Electives

Courses

15-202 — Introduction to Professional Nursing. 3 hours. Professional nursing, its historical emergence, characteristics, ethics and unique role in health care are presented. Critical thinking, theory development and application are examined as well as the nature, purpose and process of research.
15-222 — Basic Concepts in Nursing. 7 hours. Presentation of basic concepts related to man, health, environment and nursing, with emphasis on the well individual who is adapting effectively to changes in the environment. Theory is applied to provide care to selected clients in clinical settings. Research studies will be critiqued. Prerequisites: Chem. 101 and 102; Biology 121, 245, 356, 362; Psychology 211, 212; Sociology 121.

15-223 — Elements of Professional Nursing. 3 hours. Presentation of man, health, the environment and nursing to those with a previous background in nursing. Critical thinking, theory development and application are examined as well as the nature, purpose and process of research. Prerequisites: Chem. 101, 102; Biology 121, 245, 356, 362; Psychology 211, 212; Sociology 121.

15-324 — Nursing Process Applied to the Well Individual. 4 hours. Focuses on wellness and the individual. The nursing process is used as a systematic framework for providing nursing care. Clinical application of theory and nursing skills is stressed. Prerequisite: Nursing 223.

15-341 — Statistics. 4 hours. Same as Mathematics 341.

15-353 — Nursing Care of the Individual and Family I. 10 hours. Applications of the nursing process to the ill individual. The well family is introduced as a client unit. Theory and practice center on nursing intervention with the client who is using ineffective adaptation. Special emphases include the functional family and stressors such as child bearing, illness and surgery. Prerequisites: Nursing 202, 222.

15-354 — Nursing Care of the Individual and Family II. 10 hours. A continuing study of the application of the nursing process to the individual and family across the life span. This course builds upon the knowledge and skills gained in Course 353. Focus is placed on more complex care. Planning, intervention, evaluation and revision are expected of the student as she/he functions to promote, maintain and restore health of individuals and families.

15-355 — Nursing Process Applied to the Individual and Family. 6 hours. Study of the changes in family structure, roles and functioning which come about because of an ill family member. The well family as a client unit is introduced. This course is designed for students with prior experience in nursing.

15-474 — Nursing Care of the Family and Community I. 8 hours. The dysfunctional family and other groups are explored. The well community as a client unit is introduced. Nursing interventions are designed to eliminate or modify ineffective adaptation which results in serious impairment. The role of the nurse as teacher is developed. Prerequisites: Nursing 202, 222, 353, 354.

15-475 — Nursing Care of the Family and Community II. 8 hours. This course continues the discussion of the nursing care provided to individuals, families and communities when they experience life threatening or crisis experiences. Prerequisite: Nursing 474.

15-491 — Nursing Seminar. 2 hours. Provides a forum for exploration and discussion of issues and trends affecting nursing, from historical and current viewpoints. The focus is on areas of concern for nursing as a profession, nursing practice, and nursing education. Research and legislation affecting these issues is reviewed. The concept of role transition from student to practitioner is discussed and opportunities for continued professional growth are explored. Prerequisite: Nursing 353, 354.

15-493 — Research Seminar. 2 hours. The major objective of the course is for the student to select a problem, plan the research, including the construction of a data gathering device, collect and analyze the data, draw conclusions, and prepare a research report. An emphasis is the importance of the study to nursing, i.e., patient education, standards, service. Prerequisite: Nursing 353, 354.

15-494 — Independent Nursing Study. 1-3 hours. The purpose of this course is to provide an opportunity for the senior level student to select an area of interest, and to develop and operationalize a plan for independent study. Learning experiences are individually arranged in health care settings selected by the student. Prerequisite: Nursing 353, 354.

Degree Completion Program for Registered Nurses

Admission Policies and Procedures

Registered nurses are accepted at Olivet in the same manner as generic students and are under the same policies. It is the desire of the Division of Nursing to assist the registered nurse in the pursuit of the baccalaureate degree with a minimum of repetitive learning.

1. Application forms and credentials are submitted to the Olivet Admissions Office.
2. In addition, the applicant must submit a copy of the current nursing license to the Chairman of the Division of Nursing.
3. The American College Test is not required.
Nursing 95

4. Application can be made to the Division of Nursing when all supporting courses have been completed with a grade of "C" or better.

Methods of Achieving Credits

1. Registration at Olivet Nazarene University (a) All courses may be taken as offered at Olivet. (b) Liberal arts and science courses may be challenged by examination (See "Proficiency Examinations in Chapter 6"). Up to 17 hours of nursing courses may be challenged in addition to the above.

2. College Level Examination Program (CLEP) All CLEP credits will be accepted as stated in Chapter 6 of the Catalog. The Natural Science CLEP will not be accepted as a supporting course, but could be used as an elective.

3. Transfer Credits

Students earning credits from another college can apply for transfer of those courses. Official transcripts must be evaluated by the registrar before any credit can be accepted. All courses must have a grade of "C" (2.0) or better to be transferred.

General Policies and Information

1. If science courses taken for credit are older than 10 years, the student must repeat the course or take the proficiency exam.

2. Science courses do not have to transfer hour-for-hour as long as the science core totals at least 21 hours. The generic student total is 23 hours. To make up hour deficits, the following science courses are recommended: Pharmacology, Epidemiology, Ecology, Embryology.

3. One hour of nutrition may be waived if a 3 hour nutrition course is transferred instead of a 4 hour course.

Nursing Major Policies and Information

1. All proficiency exams must be completed to qualify for advancement into senior level nursing courses. Failure to pass a proficiency exam requires the course to be taken.


3. Placement in clinical nursing courses is contingent upon available space. Preference will be given to generic students, then to full-time RN students. However, students will be placed so that there will be no hardship in completing the program.

4. Students are required to give 4 weeks notice to the Division and appropriate instructor of intent to proficiency a course for credit. The procedure for proficiency application is stated in Chapter 6 of this Catalog.

Advanced nursing students work in teams for study and clinical work.
The Larsen Fine Arts Center is home of the Music and Art Departments. The Kresge Auditorium is used for music, drama and special programs for up to 500 people.

Division of Fine Arts

Fine Arts — 21  
Art — 22  
Applied Music — 23  
Church Music — 24  
Music Education — 25  
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Harlow Hopkins, Chairman

The Division includes the Departments of Art and Music. The objectives of the Division of Fine Arts are twofold. Realizing that a knowledge of the fine arts is a vital part of any liberal education, the Division attempts (1) to develop an intelligent appreciation of, and desire for, the arts that will be of lasting value in the life of every student; and (2) to prepare those professionally interested in the area of music, church music, art and teaching.
Fine Arts — 21

21-101 — Introduction to Fine Arts. 3 hours. A general education course designed to give the student an understanding of the basic structural similarities in the aural art of music and the visual arts of painting, sculpture, architecture.

21-177, 21-178, 21-377, 21-378 — Radio Workshop. 1 hour each semester. A study of the equipment and materials used in broadcasting, including the operation of control room equipment (mixing panel, record turntables, tape machines, etc.) and the writing and delivery of material for broadcasts of a sacred and secular nature: commercials, newscasts, and devotional programs.

Art — 22

Harvey A. Collins (1953)
Associate Professor of Fine Arts; Chairman of Department
B.F.A., 1951, University of Florida
M.F.A., 1952, University of Florida

Donald Royal (1986)
Assistant Professor of Art
B.A., 1978, Ball State University
M.A., 1982, Indiana University Southeast
Ed.D., 1986, Ball State University

The courses offered by the Department of Art are aimed at developing greater appreciation and enjoyment of art for all students. An emphasis is placed on the appreciation of past and current art works and on the development of the visual awareness of the student. A variety of courses provides a strong art program.

Art Major, 31-32 hours. B.A. or B.S.

Required:

Art 103 — Drawing I
104 — Drawing II
105 — Crafts
172 — Introduction to Photography
201 — Ceramics: Hand Construction
223 — Design I
224 — Graphics I
231 — Painting I
370 — Three-Dimensional Design

In addition, students must complete one of the following options:

Option A — Three Dimensional

Art 202 — Ceramics: Wheel Construction
262 — Water-based Media
371 — History of Western Art
471 — History of Modern Art

Option B — Two Dimensional

Art 232 — Painting Studio II
324 — Graphics II
356 — Advanced Painting
371 — History of Western Art
471 — History of Modern Art

Art Teaching Major: 33 hours. B.A. or B.S.

Required:

Art 103, 104 — Drawing I and II
105 — Crafts Studio for Elementary Teachers
172 — Introduction to Photography
201, 202 — Ceramics: Hand and Wheel Construction
223 — Design Studio I
224 — Graphics Studio I
231 — Painting I
262 — Water-based Media
324 — Graphics Studio II
370 — 3-D Design
371 — History of Western Art
471 — History of Modern Art

Plus the Professional Education Sequence including Art 362 — Principles of Secondary Art Education.

Minor: 20 hours

Required:

Art 103 — Drawing Studio I
105 — Crafts Studio for Elementary Teachers
201, 202 — Ceramics: Hand and Wheel Construction
231 — Painting Studio
Art History, one course

Two hours of Intro. to Fine Arts 101 may be included for credit on the minor.

Teaching Minor: 24 hours

Including the same courses stipulated for the art minor.
Typical Courses for a Student Majoring in Art

Freshman Year
- Drawing I and II
- Crafts
- Introduction to Photography
- Old and New Testament Survey
- Freshman Composition
- Physical Education

Sophomore Year
- Ceramics — Hand Construction
- Design I
- Graphics I
- Painting I
- Christian Doctrine
- History or Sociology

Courses

22-103 — Drawing Studio I. 2 hours. A basic course in fundamentals of drawing and composition. An experimental course using a variety of media in the study of line, value, and form.

22-104 — Drawing Studio II. 2 hours. A continuation of experimental drawing. A study of perspective and the use of water color and ink.

22-105 — Crafts Studio for Elementary Teachers. 2 hours. A course in elementary crafts with experimentation in a variety of projects including clay, stitchery, paper mache and wood sculpture. Emphasis on three-dimensional materials.

22-111 — Textile Design. 3 hours. Same as Home Economics 111.

22-172 — Introduction to Photography. 2 hours. The essentials of beginning photography, film types, filters, camera handling and photographic composition will be studied. Two major photographic projects will be completed that demonstrate a creative approach to beginning photography: a picture story book and a slide/sound presentation. Photo creating class sessions will be devoted to still life and portraiture. The emphasis of the class is upon creativity in image making at the beginning level.

22-201 — Ceramics: Hand Construction. 3 hours. Experience in basic hand-building methods in clay construction. The student will develop skills in coil, slab and pinch techniques, and become familiar with the techniques of applying glaze and engobes.

22-202 — Ceramics: Wheel Construction. 3 hours. Experience on the potter's wheel (the electric and kick-wheel). The student will develop skills in centering, raising, footing, and finishing wheel-thrown ware. Glazing, staining and texturing of the finished ware will be emphasized.

22-223 — Design Studio I. 2 hours. A basic course in the fundamentals of the visual arts. Experiments in line drawing and black and white paper designs. A choice of individual design problem.

22-224 — Graphics Studio I. 2 hours. A laboratory course investigating the making of visual images in the various graphic processes of etching, lithography, linoleum and wood-block printing. Emphasis would be placed upon creativity and exploration.

22-231 — Painting Studio I. 2 hours. A beginning course for all persons interested in the use of oil paints. Studies in still life, landscapes, and portrait work.

22-232 — Painting Studio II. 2 hours. A continuation in the study of oil techniques. Experience in the use of acrylics and water colors. Emphasis on composition. Prerequisite: Painting Studio I.

22-251 — Commercial Art. 2 hours. This course includes basic letter design by steel pen, brush, paper cutting and stencil; newspaper and advertising layout; study of positive and negative shapes; properties and use of color; fashion illustration; and techniques of creating commercial art.

22-262 — Water-Based Media. 2 hours. Experiments in acrylics, tempera, gouache, and transparent watercolor. Emphasis is placed upon creativity and the development of skills. Lectures and demonstrations will be a part of this laboratory course.

22-264 — Graphics Studio II. 2 hours. A laboratory course emphasizing contemporary printmaking techniques of metal and plastic etching, silkscreen, lithography, and wood-block. Graphics Studio 224 is a prerequisite.

22-356 — Advanced Painting. 2 hours. Emphasis is placed on in-depth exploration and development of painting ideas. The student is encouraged toward independent work and participation in studio critiques and seminars.

22-361 — Principles of Elementary Art Education. 2 hours. Teaching methods at the elementary level. The student teacher gains expertise in the handling of art media, relationships between all curricula, classroom management, group and individual project development.

22-362 — Principles of Secondary Art Education. 3 hours. Teaching methods at the secondary level. Emphasis is placed upon behavioral objectives, group participation, experience in innovative teaching techniques, and experimenting with various media. Course includes a 45 hour practicum.
22-370 — Three-Dimensional Design. 3 hours.
Examines the composition and plasticity of three-dimensional forms through design and construction involving various media such as plastics, matte board, styrofoam, balsa wood and clay.

22-371 — History of Western Art. 3 hours. A study of the plastic and pictorial expression of art in the western world.

22-471 — History of Modern Art. 3 hours. A survey course of the visual arts from the late 19th Century up to the present time. Areas to be explored are Impressionism, Dadaism, Expressionism, Abstraction, Op and Pop Art, and Contemporary American Visual Art. Field trips to the Art Institute in Chicago will play an important role in the course.

Concert Singers — one of many Olivet musical ensembles.

Music Department

Harlow E. Hopkins (1954)
Professor of Music;
Chairman of Division of Fine Arts and Department of Music
B.S. 1953, Olivet Nazarene University
M.Mus. Ed., 1956, American Conservatory of Music
Mus.D., 1974, Indiana University
University of Illinois

Gerald Anderson (1978)
Associate Professor of Music
B.S., 1973, Bethany Nazarene College
B.Mus., 1975, Texas Tech. University
M.Mus., 1977, Texas Tech. University
D.M.A., 1985, American Conservatory of Music

D. George Dunbar (1969)
Professor of Music
B.S., 1958, Olivet Nazarene University
B.S., 1959, Olivet Nazarene University
M.Mus., 1960, University of Illinois
D.M.A., 1970, University of Southern California

Alice Edwards (1971)
Associate Professor of Music
B.Mus., 1969, University of Oklahoma
M.Mus., 1971, University of Michigan

Ruthmarie Eimer (1976)
Assistant Professor of Music
B.S., 1969, Olivet Nazarene University

Irving Lowell Kranich (1959)
Assistant Professor of Music
B.S., 1954, Olivet Nazarene University
M.Mus., 1961, American Conservatory of Music
Advanced Certificate in Music Education, 1969, University of Illinois
University of Michigan, University of Washington, Northwestern University

Timothy Nelson (1976)
Associate Professor of Music
B.A., 1974, Taylor University
M.Mus., 1976, University of Illinois
Associate Certificate — American Guild of Organists
The aim of the Music Department is to provide instruction in certain branches of music, so that (1) students may become Christian men and women of highest ideals and usefulness as performers, teachers, church organists, and ministers of music; and (2) students from other divisions of the university, and unclassified students may pursue courses towards a minor, or for elective credit.

**General Regulations**

The Chairman of the Department shall determine which students shall enroll with each teacher, such enrollment being based primarily upon the needs of the students and the field of specialization of the teacher.

Students who desire collegiate standing or advanced credit in applied music must be prepared to play or sing two or three solo works from standard repertoire before members of the music faculty. Memorization is recommended.

Transferred work in applied music and theory will receive credit subject to examination or to satisfactory study in courses of similar content or in sequence in Olivet Nazarene University. Work taken under private teachers or from unaccredited schools may be validated for credit by the student's passing proficiency examinations.

No student is allowed to study music with a teacher not on the staff of the Department of Music, nor to belong to a musical organization on or off campus, without permission from the Chairman of the Department of Music. Applied music students should not make public appearances without consent of the applied instructor.

Applied music students must practice regularly as follows:

- Class piano students, a minimum of five hours per week.
- Class voice students, a minimum of four hours per week.
- Private students of piano, voice, organ and all other instruments, a minimum of six hours for every half hour lesson per week.

A course in applied music will be regarded as failed if the student has not fulfilled the required number of lessons during the semester, viz., thirteen lessons. The instructor is not responsible for the make up of lessons missed by the student except when a bona fide reason for the absence is presented.

Music majors are required to attend 12 concerts and/or recitals per semester while music minors and all others studying applied music are required to attend 6 concerts per semester. Failure to meet this requirement will cause the final applied semester grade to be lowered.

Four semesters of Choral Union are required for all Music majors and minors. Exceptions will be made for orchestra members when Choral Union and the University Orchestra perform jointly.

Keyboard work must be carried concurrently with theory courses (Mus. 100, 110, 200, 210) unless the student has had several years of serious keyboard study prior to entrance at Olivet. No student majoring in Music Education will be permitted to do student teaching until completing the equivalent of Piano 107, either privately or in class.

All music majors are required to participate in (1) a senior recital that includes music from the major style periods, or (2) complete a senior project in music education that is equivalent in time and effort to the recital. All such projects must be approved in advance by the Chairman of the Department in cooperation with the faculty specialist in music education.

The progress of each student in his major applied area will be noted at the end of the second year of study and a judgment rendered at that examination as to his readiness to proceed into Upper Division (300 and 400 level).
Questions concerning entrance requirements and general regulations should be addressed to the Chairman of the Department of Music.

Uniform Track

Uniform Track for all Music Majors

This three-semester sequence is required of all music majors.

First Year, first semester:
Applied Music — 2 hours
Music Theory 100
Class Piano — 1 hour
Careers in Music
Choral Union or Orchestra
Other Ensemble

First Year, second semester:
Applied Music — 2 hours
Music Theory 110
Aural Skills 111
Class Piano — 1 hour
Ensemble

Second Year, first semester
Applied Music — 2 hours
Music Theory 200
Aural Skills 201
Class Piano — 1 hour
Introduction to Music Literature
Choral Union or Orchestra
Other Ensemble

A comprehensive Musicianship Exam will be administered near the conclusion of the third semester. If the exam is passed with a satisfactory score, the student may then be admitted to one of the four music programs: Church Music, Church Music/Christian Education, Music Education, or Music Performance.

Optional Areas of Emphasis

Music Education. It is the objective of the Department of Music to provide training and experiences to properly qualify students for positions as teachers or supervisors of music in the public schools. The program meets the requirements of the State Board of Education and of the Illinois Limited State Special Certificate which qualifies the holder to teach and supervise music in grades 1-12.

Music Education majors must have upper division status in applied music before they can apply for student teaching placement.

Music Education: 51½-58½ hours. B.A. or B.S.

Required:
Music 100, 110, 200, 210 — Music Theory
101 — Careers in Music
111, 201, 211 — Aural Skills
190 — Intro. to Music Literature
300 — Form and Analysis
377 — Music in Worship
390, 391 — Music History and Literature
494 — Instrumentation
495 — Senior Recital
183 or 383 — Choral Union (4 semesters)
177 or 377 — Music Drama (2 semesters)

Applied Music Concentration — 10 hours
Piano (non-keyboard majors) — 0-4 hours
Voice (non-voice majors) — 0-2 hours

Mus. 202 — Accompanying (4 semesters for piano majors)

Additional ensemble for non-piano major — 4 semesters

Vocal Option:
Music 370 — Vocal Literature and Pedagogy

Instrumental Option:
Music 180—Percussion Instruments
280 — String Instruments
380 — Woodwind Instruments
381 — Brass Instruments

Plus the Professional Education Sequence including:
Educ. 375 — Instrumental Methods and Conducting
or 378 — Choral Methods and Conducting
460 — General Music Methods

Preparatory applied course credit does not count toward the applied music concentration. The 10 hours of college level credit are to be divided into 8 hours lower division and 2 hours upper division. It is strongly
Music

recommended for students concentrating in piano that Music 26-305 — Piano Pedagogy be substituted for 2 hours of the applied music upper division requirement.

Piano and Voice Proficiencies are required. Normally the piano requirement is met by the end of the fifth semester. It must be met before student teaching can begin. Successful completion of Piano 107 will fulfill this requirement should the student elect to take the course instead of the piano proficiency exam.

Since the curriculum in music education has very few electives, students are advised that at least one summer session in addition to the regular eight semesters may be required to complete the degree in this field.

Church Music. For students who expect to be church musicians, the Department offers a program intended to give a comprehensive and thorough technical training along with the deeply spiritual emphasis of the university.

Believing that spiritual fervency and technical proficiency can be combined, Olivet presents a church music program which will enable the graduate to take his place in church music circles with effectiveness.

The curriculum is designed for the person who desires extensive training in order to give the best possible service to the church.

Church Music: 65½-69½ hours. B.A. or B.S.

Required:

Music 100, 110, 200, 210 — Music Theory
101 — Careers in Music
111, 201, 211 — Aural Skills
190 — Music Literature
300 — Form and Analysis
377 — Music in Worship
378 — Choral Methods and Conducting
379 — Music in the Church Service
390, 391 — Music History and Literature
478 — History of Church Music
487 — Supervised Music Ministry
494 — Instrumentation
495 — Senior Recital

Music 177 or 377 — Music Drama (1 hour)
183 or 383 — Choral Union (4 semesters)
Music 202 — Accompanying
(4 semesters for keyboard majors)

Additional ensemble (4 semesters for 2 hours for non-keyboard majors)

Applied Music Concentration — 14 hours
Voice (non-voice majors) — 2 hours
Organ (non-organ majors) — 2 hours
Piano (non-keyboard majors) — 4 hours

Music 376 — Instrumental Methods and Conducting
or 460 — General Music Methods

Piano proficiency is required of all church music majors.

Required Supporting Courses:

Psych. 101, 211 or 212
Educ. 249 — Educational and Developmental Psychology

Christian Education/Church Music Major: 43.5-23 hours. B.A. or B.S.

Required:

Music 100, 110, 200 — Music Theory
101 — Careers in Music
111, 201 — Aural Skills
190 — Music Literature
378 — Choral Music and Conducting
379 — Music in the Church Service
391 — Music History and Literature

Voice and Piano — 12 hours, with a minimum of 4 hours of each

Mus. 183 or 383 — Choral Union
(4 semesters)
478 — History of Church Music
480 — Supervised Conducting Practicum
494 — Instrumentation

And 4 hours selected from
180 — Percussion
280 — String
380 — Woodwind
381 — Brass

Piano proficiency is required of all Christian Education/Church Music majors. Successful completion of Piano 107 will fulfill the requirement should the student elect to take the course instead of the piano proficiency exam. In addition, 23 hours of Christian Education courses are required, as follows:

C.E. 115, 301, 364, 377, 452, 491, 492, 551, 571, and 2 hours of upper division electives in C.E.
Music Performance. This degree is offered for the outstanding student already displaying a high calibre of attainment, who is pursuing work in solo and ensemble performance, accompanying, and college or private teaching. Available in the following areas: voice, piano, organ, clarinet, and violin. Students wishing to teach in the public schools should choose the Music Education curriculum.

Admission to this major is by audition only. Auditions should include pieces which are representative of the various historical periods in music. Memorization is expected.

Music Performance Major: 66½-69½ hours. B.A. or B.S.

Required:
Music 100, 110, 200, 210 — Music Theory
101 — Careers in Music
111, 201, 211 — Aural Skills
190 — Music Literature
300 — Form and Analysis
377 — Music in Worship
390, 391 — Music History and Literature
395 — Junior Recital
396 — Senior Recital
Applied Music Concentration — 20 hours
Music 202 — Accompanying
(4 semesters for piano majors)
Music 183 or 383 — Choral Union
(4 semesters)
Additional ensembles for non-keyboard majors — 2 hours
Music 177 or 377 — Music Drama
Voice 0-2 hours for non-voice majors
Piano 0-4 hours for non-piano majors
Pedagogy and Literature 2-4 hours
An additional 5-6 hours selected from:
Music 376 — Instrumental Methods and Conducting
378 — Choral Methods and Conducting
494 — Instrumentation

In meeting General Education Requirements, the Voice Performance major must take 10 hours of either French or German, and also 5 hours of the other language (French or German).

Music Minor: 20 Hours

Required:
Music 100 — Music Theory
190 — Music Literature
377 — Music in Worship
183 or 383 — Choral Union
(4 semesters)
Applied Music at college level — 6 hours
Music electives — 6 hours

Music Teaching Minor: 24 Hours

Required:
Music 100, 110 — Music Theory
111 — Aural Skills
190 — Introduction to Music Literature
460 — General Music Methods
183 or 383 — Choral Union, 4 semesters
Applied Music — 8 hours

Typical Classes for a Student Majoring in Music

Freshman Year
Careers in Music
Introduction to Music Literature
Music Theory
Aural Skills
Freshman Composition
Old and New Testament Survey
Introduction to Fine Arts
Physical Education
Choral Union and other Ensemble
Applied Music Lessons

Sophomore Year
Aural Skills
Music Theory
Christian Doctrine
Introduction to Psychology
History
Choral Union and other Ensemble
Applied Music Lessons
Natural Science

Applied Music — 23

A concentration of applied music is required of all majors in music. A placement hearing is required prior to registration for any applied music course. Registration is to be initiated in Larsen Fine Arts Center Music Offices.
Keyboard Instruments

23-100, 23-101 — Preparatory Organ. 1 hour.
For the student who does not wish to major in organ, or who has insufficient piano background to begin study on the collegiate level. Piano foundation in scales, simple classical pieces and hymns is required. Organ 100 includes fundamentals of organ technique, major scales on pedals, hymn arrangements, and easier pieces for service playing. Emphasis upon Richard Enright instruction book and Master Studies. To enter the four-year course with an applied major in organ, the student should have completed sufficient piano study to play the easier Bach Inventions, Beethoven sonatas and some contemporary literature and Mus. 101.

23-102, 23-103, 23-202, 23-203 — Organ. Instruction books include the Harold Gleason, Richard Enright, and Marcel Dupre methods. Nilson pedal studies, major and minor pedal scales, J.S. Bach's Liturgical Year, and Eight Little Preludes and Fugues, Mendelssohn sonatas, contemporary compositions, basic instruction on the Schulmerich carillons. The student is expected to appear on a recital, play in chapel occasionally, and be able to play hymns and church service music. 2 hours each semester, or until able to pass the qualifying examination for upper division standing. Prerequisite: Organ 101.

23-302, 23-303, 23-402, 23-403 — Organ. J.S. Bach: Larger Preludes and Fugues, Toccatas, Fantasias, selections from Trio Sonatas, or Schubler Chorales. Compositions by Franck, Karg-Elert, Vierne, Langlais, Alain, Messiaen, etc. (Student should be able to do some transposing, modulating, score reading, accompanying, and improvising.) 2 hours each semester, with an examination before a committee.

23-104, 23-105, 23-106, 23-107 — Preparatory Piano. 1 hour each semester. Class piano instruction. Development of general technical principles; sight reading; pedal technique; scale technic; playing the principal chords in all keys, and harmonization of simple melodies using these chords; transposition and score reading; playing by ear; playing of folk songs and hymns. Preference for admission to the 12-piano lab is given to students for whom the course is required.

23-108, 23-109, 23-208, 23-209 — Piano. Private instruction dealing with the less difficult compositions from the Baroque, Classical, Romantic, and Twentieth Century periods. Instruction will be given in technique, sight reading, transposition, accompanying, and ensemble playing. Each student must pass a playing exam at the end of the semester which will include technique and memorized repertoire. 2 hours each semester, or until able to pass the qualifying examination for upper division standing. Prerequisite: Piano 107 or permission of instructor.

23-308, 23-309, 23-408, 23-409 — Piano. 2 hours each semester. Continued private instruction. The student should cultivate a well-balanced repertoire comprising compositions of baroque, classic, romantic, and modern composers. The senior recital is usually performed during the student's enrollment in Piano 409. Performance majors: see Recitals. A playing exam is required at the end of each semester.

String and Percussion Instruments


23-112, 23-113, 23-212, 23-213 — Violin. Major and minor scales; studies of Kreutzer, Mazas, Dont, and Sevcik; sonatas by Corelli, Tartini, Handel, LeClair; concertos by Accolay, Rodé, and Beriot; program pieces of corresponding difficulty. An examination is required each semester. 2 hours each semester, or until able to pass the qualifying examination for upper division standing. Prerequisite: Violin 111.

23-312, 23-313, 23-412, 23-413 — Violin. 2 hours each semester. Student should show an adequate technical grounding in scales, bowing and phrasing to perform sonatas by Mozart, Beethoven, and Grieg, concertos by Mozart, Bruch or Mendelssohn; solo pieces of equal difficulty.

23-120, 23-121, 23-220, 23-221 — Violoncello. Duport and Kreutzer Etudes; Popper, High School Etudes Books I and II, Romberg Concerto No. 4; Grutzmacher Hungarian Phantasie; Goltermann Concerto in A minor; Corelli Sonata in D minor; Sommarnini Sonata in G Major; Franchomme Caprices; Bach Suite in G Major; Popper Hungarian Rhapsody; D'Albert, Saint-Saëns Concertos; Boellmann Variations; pieces from standard concert repertoire. An examination is required each semester. 2 hours each semester, or until qualified to pass the qualifying examination for upper division standing.

23-166, 23-167 — Preparatory Percussion. 1 hour each semester. Proper gripping of sticks and mallets for technical development and control through standard rudiments, scales, melodies, articulation, intervals and tuning will be emphasized. Literature and methods will include: Stone, Magadini, Lepak/Friese and Goldenberg.

23-168, 23-169, 23-268, 23-269 — Percussion. 2 hours each semester. Studies by Goldenberg, Musser, Stone, Morales, Chapin, Goodman,
Morello and Abel will be utilized. Emphasis will be placed on reading and interpretational skills for Snare drum, Timpani, Xylophone, Marimba, Multi-Percussion, Vibraphone, Drum Set, Latin Percussion and Accessories. Will also include study in the proper playing of Cymbals and Gongs. Study of solo, orchestral and ensemble literature of major periods in music will include Twentieth Century works. Timpani study will include music for two, three, four and five kettle-drums. Marimba study will include four octaves, major and minor scales, arpeggios, and broken chords, and stress proper sticking, grips, and a high level of control with two, three, and four mallets. Attention will be given to sight reading for all instruments. Prerequisite: Percussion 167.

23-170, 23-171 — Preparatory Voice. 1 hour. Class study incorporating lectures and practical applications for confidence and poise, posture, diaphragmatic breathing, controlling registers, resonance, vowels, diphthongs, consonants, legato, interpretation and expression, and analysis of vocal performance. Vocalises are taught for improving vocal technique and correcting vocal faults. The repertoire used in the class includes hymns and folk songs. An examination is required at the end of each semester.

23-172, 23-173, 23-272, 23-273 — Voice. (Private lessons) Elements of voice culture; correct breath management; throat freedom through correct approach to vowels and consonants; rhythm, intervals, scales, arpeggios; stage deportment; Sieber, Vaccari; songs in English and Italian, German Lieder and classical arias. An examination is required each semester. 2 hours each semester, or until able to pass the qualifying examination for upper division standing. Prerequisite: Voice 171.

23-174, 23-175 — Class Voice. 2 hours. (College level) Class study incorporating lectures and practical applications for confidence and poise, posture, diaphragmatic breathing, controlling registers, resonance, vowels, diphthongs, consonants, legato interpretation and expression, analysis of vocal performances, and the basic rules of Italian diction. Vocalises are taught for improving vocal technique and correcting vocal faults. The repertoire used in the class includes hymns, folk songs, oratorio arias and Italian art songs of the 16th and 17th centuries. An examination is required at the end of each semester.

Entrance Requirements for Majors: To enter private instruction in voice, the student should have completed the equivalent of 23-175 — Class Voice.

23-372, 23-373, 23-472, 23-473 — Voice. (Private lessons). Continued technical development, the sustained tone of Italian bel canto, ornamenation, the laws of interpretation, tone color; correct pronunciation, enunciation and articulation; advanced vocalises such as Panofka and Marchesi; operatic and oratorio recitatives and arias; modern Italian, German, French, English and American songs. 2 hours each semester, and until approved for senior recital. The candidate for graduation must present a recital of literature of the major periods, in the original language, showing in understanding of the various contrasting styles.

Woodwind Instruments

23-134, 23-135 — Preparatory Clarinet. 1 hour. Production of tone, breathing, articulation. Scale studies and arpeggios. Elementary Solos to more advanced.

Entrance requirements for majors: To enter the four-year course in clarinet the student should have completed the equivalent of Music 135.


23-126, 23-127 — Preparatory Flute. 1 hour each semester. Long tones, major and minor scales, simple to difficult articulations. Hickok, Flute Fun. Chromatic scales, broken arpeggios. Wagner, Foundation to Flute Playing; Easy solos such as: Hahn, Transcriptions for flute; Popp-Sousman, Method for Flute; Marquarre, Studies; Kohler, Etudes I and II. Sonatas by Handel.


23-142, 23-143 — Preparatory Bassoon. 1 hour each semester. Embouchure, attack, dynamics, scale studies, breath control, articulation, intervals and alternate fingerings. Studies by Weissenhorn. Reed-making. Simple melodies through more advanced solos. Exercises in tenor
clef, all major and minor scales, arpeggios, and broken chords. Milde, Studies, Weissenhorn. Duets; Boyd, Famous Melodies for Bassoon.

### Brass Instruments

23-150, 23-151 — Preparatory Trumpet. 1 hour each semester. Basic embouchure, breath control, tonguing, slur, dynamics, development of a two octave range, alternate fingering, scales. Arpeggios, phrasing; simple melodies through more advanced solos.

**Entrance requirement for majors:** To enter the four-year course in trumpet the student should have completed the equivalent of Music 151.

23-152, 23-153, 23-252, 23-253 — Trumpet. Arban, St. Jacome — Studies by Williams, Duhem, Clarke. All arpeggios and broken chords, M.M. 100 in quarter notes, as in Arban. All minor scales at 4/4 M.M. quarter note = 50 in eighth notes. Major scales at 4/4 M.M. quarter in 16th notes. Single, double and triple tonguing. Amsden's Celebrated Duets. 1 solo each from the Classical repertoire and Romantic to Modern repertoire memorized each semester. Suggested solos: Concert Fantasie. Chords: Petite Piece Concertante, Balay, Etude de Concours, Potit. Scales will be requested by Examining Committee for performance according to above requirements. Scales to be played 1, 2 or 3 octaves, as the compass of the instrument will permit. **2 hours each semester,** or until able to pass the qualifying examination for upper division standing. Prerequisite: Trumpet 151.

23-352, 23-353, 23-452, 23-453 — Trumpet. 2 hours each semester. Arban, St. Jacome's. Major scales 4/4 quarter = 96 in 16th notes. Minor scales 4/4 quarter = 50 in 16th notes. Arpeggios and broken chords at 100 in quarter note as in Arban. Intro. to Williams Transposition Studies. Single, double, and triple tonguing intensified study. Arban Characteristic Etudes. Amsden and Arban Duets. Suggested solos: Introduction and Scherzo, Goyens: Lides of Schumann, Brahms, Schubert. 1 solo each from classical and later repertoires memorized each semester. Scales will be requested by the examiners as per above requirements. Scales to be played on 2, or 3 octaves, as the compass of the instrument will permit.

23-154, 23-155 — Preparatory Trombone. 1 hour each semester. Intro. to the technique and basic fundamentals of trombone playing. Muller, Arban Edwards-Honey, Clarke Methods, Buchtel, 1st Book of Trombone Solos. Studies by Cimera and Honey. Supplementary studies by Endresen. All scales, arpeggios, broken chords. Solo repertoire to include: Giioddani, Caro Mio Ben; Tchaikowsky, Valse Melancholique, Donizetti, Romanza.

**Entrance requirements for majors:** To enter the four-year course in trombone the student should have completed the equivalent of Music 155.

23-156, 23-157, 23-256, 23-257 — Trombone. 2 hours each semester. Arban, Endresen, and Cimera studies; special studies for legato, articulation, flexibility, and control. Solos recommended: Chords, Concert Fantasie; Solo de Concours, Croce and Spinelli; Martin, Elegie; Bohme, Liebeslied. Scales to be played 1, 2 or 3 octaves, as the compass of the instrument will permit, or until able to pass the qualifying examination for upper division standing. Prerequisite: Trombone 155.

23-356, 23-357, 23-456, 23-457 — Trombone. 2 hours each semester. Arban, Book II. Kopprasch, Book I. Studies in transposition and clef reading. Solos such as Rousseau, Piece Concertante; Blazench, Concert Piece, No. 5; Grofe, Grande Concerto.

23-146, 23-147 — Preparatory Horn. 1 hour each semester. Basic fundamentals of embouchure, tone, breathing, use of tongue, and articulation. Pottag-Honey method for Horn. Primary studies for horn, including solos, duets and trios, Horn. All scales and arpeggios; double tonguing; muting; transposition. Concone vocalises. Hornor studies. Solos by Kaufman, Boyd, Gounod and Brahms. Kopprasch, Book I.

Entrance requirements for majors: To enter the four-year course in horn the student should have completed the equivalent of Music 147.

23-148, 23-149, 23-248, 23-249 — Horn. 2 hours each semester or until able to pass the qualifying examination for upper division standing. Kopprasch studies, Book II. Special studies for flexibility, range, sonority, attack and control. Transportation, clef reading and muting. Solos such as Mendelssohn, Nocturne from Midsummer Night's Dream; Bloch, Chant d'Amour; Beethoven, Adagio Cantabile. Prerequisite: Music 147.

23-348, 23-349, 23-448, 23-449 — Horn. 2 hours each semester. Horn passages from Orchestral works. Pottag; Mozart, Concerto for Horn in D Major, No. 1; Haleny-Gault, Romance from L-Eclaire; Mozart Concerto No. 3 in E-flat; Strauss, Concerto for Horn, Op. 11. Execution of lip trill; double and triple tonguing. Schantl, Book IV or equivalent.

### Recitals

23-395 — Junior Recital. 2 hours. A well-balanced program of representative works from the baroque, classical, romantic, and modern repertoire to be performed in public by memory. A minimum of one hour duration. For performance majors only.
23-495 — Senior Recital. 2 hours. A program similar in nature to the junior recital but demonstrating a broader grasp of repertoire and technique. A minimum of one hour duration. For performance majors only.

23-496 — Senior Project. 1 hour. In lieu of a Senior Recital a student may elect to do a project. It should represent a similar commitment of time and effort as the Senior Recital. Students interested in this option should begin by discussing the project with the department chairman. Approval of the music faculty is required. Therefore, students should begin work on the project early in the senior year.

Church Music — 24

24-276 — Elementary Conducting. 2 hours. The basic conducting patterns will be covered along with basic rhythmic development. Hymns and easy anthems will be conducted.

24-377 — Music in Worship. 2 hours. The functions of music in Christian worship; problems in church music administration; study of forms of service of the various Christian churches, with emphasis upon the place of hymns in worship. A brief historical survey of the development of hymnology and a thorough analysis of the Nazarene Hymnal.

24-379 — Music in the Church Service. 2 hours. The selection of organ, choir and hymn repertoire appropriate to the church season. The study and practice of methods to attain unity in the church service.

24-478 — History of Church Music. 2 hours. The development of the music and liturgy of the church from ancient times to the present, with emphasis upon organ, choir, and congregational music.

24-480 — Supervised Conducting Practicum. 1 hour. A course designed to give the student practical conducting experience. It may take the place within the University, or may take place in local churches, depending on schedules and need.

24-487 — Supervised Music Ministry. 2 hours. Placement will be made in a church setting which will provide practical training and serve as a culminating experience for the Church Music major. Activities may include some or all of the following: choir directing, directing congregational singing, working with children's music, directing a teen choir, directing the church orchestra, arranging for and participating in special music, and selecting music for all of the above.

Music Education — 25

25-101 — Careers in Music. 1/2 hour. A survey of the various career options available to a music major following graduation. The course is intended to provide an understanding of the musical, academic and psychological skills required in various careers, and present reasonable expectations regarding responsibilities and rewards. Required for a major in music. One lecture period per week.

25-177, 25-377 — Music Drama Production. 1/2 to 2 hours. A course designed to enable students to study and participate in the workings of the production of music drama. Credit shall be given to students based on the quality of their involvement as well as the amount of time. Up to two hours of credit may be earned in one semester. The faculty member responsible for the course will determine how much credit can be given. May be repeated, but not more than 4 hours credit in Music Drama Production may be earned. No prerequisites.

25-180 — Percussion Instrument Class. 1 hour. Study and development of fundamental skills needed for teaching percussion in a school setting.


25-281 — Marching Band Techniques. 1 hour. This course is to give students background in the planning, charting, and executing of pre-game and half-time marching band routines, including marching band philosophy, equipment needed, scheduling rehearsals, and plans for working with flag corps, majorettes, rifle team and drum major. Recommended for secondary music education majors.

25-360 — Instrumental Activities for the Elementary School. 1 hour. An introductory course for the general elementary education major. It is an activities approach to music fundamentals in which beginning concepts of playing the autoharp, recorder will be stressed. Skills will include playing the piano to teach oneself children's song literature, playing the autoharp as an accompaniment instrument for the classroom, and playing familiar tunes on the recorder.

25-366 — Music Activities for the Elementary School. 1 hour. An introductory course for general elementary education majors. It is an activities approach to music education stressing singing, playing, listening, creating, and moving. Prerequisite: Music 360.
25-375 — Instrumental Methods and Conducting. 3-4 hours. A course designed to develop the fundamental conducting gestures needed for public school and church use. Organization and development of instrumental ensembles in the public and private schools will be stressed. Appropriate literature for ensembles, both school and church, will be studied. Students will be given opportunities to conduct the University bands and orchestra. All Music Education majors must register for 4 hours in order to complete the required 45-hour practicum experience in a public school setting.

25-378 — Choral Methods and Conducting. 3-4 hours. Accepted techniques of conducting will be studied and rehearsed. Procedures for preparing the choral score for rehearsal and performance, and for developing choral tone, will also be studied. The interpretation of choral literature, from the standpoint of historical performance practices, will be examined. The course is designed to meet the needs of church and public school choral conductors. All Music Education majors must register for 4 hours in order to complete the required 45-hour practicum experience in a public school setting.


25-381 — Brass Instrument Class. 2 hours. A study of the fundamental theory of brass instruments and correct embouchure. The development of the ability to play one brass instrument acceptably, and a familiarity with the special technics of the other instruments.

25-460 — General Music Methods. 3-4 hours. This course is an orientation to assist the student in formulating a general philosophy of general music (non-performance) for grades 1-12. Curriculum building, unit planning and lesson planning will be emphasized, as will materials of instruction, teaching aids (including audio-visual), and current methods (Orff, Kodaly, Dalcroze, Gordon, and Manhattanville). All Music Education majors must register for 4 hours in order to complete a required 45-hour practicum experience in a public school setting.

Music and Literature and History — 26

26-177, 26-377 — Music Drama Production. 1/2 to 2 hours. Same as Music Education 177, 377.
26-178-188, 378-388 — Ensemble. The music department has ten ensembles in which students of any department may participate after qualifying by try-out. Four semester hours of credit may be counted toward any degree. Music majors are expected to participate in at least one ensemble each semester.

Four semesters of Choral Union are required for Music majors and minors. Exceptions will be made for persons who play in the orchestra when Choral Union is performing.

Freshmen and sophomores will enroll in the ensemble course under the 26-178-188 series of numbers. Juniors and seniors will enroll under the upper division numbers 26-378-388.

These ensembles are 1/2 hour credit each semester.

26-178, 26-378 — Brass Consort
26-179, 26-379 — Stage Band
26-181, 26-381 — University Orchestra
26-182, 26-382 — Concert Singers
26-183, 26-383 — Choral Union
26-184, 26-384 — Orpheus Choir
26-185, 26-385 — Handbell Choir
26-186, 26-386 — Treble Clef Choir
26-187, 26-387 — Viking Male Chorus
26-188, 26-388 — Concert Band
26-190 — Introduction to Music Literature. 2 hours. A course designed to develop intelligent listening habits and to familiarize the student with standard musical works. The course includes a study of the material and structure of vocal and instrumental music and a survey of the various style periods of music.

26-202 — Accompanying. 1/2 hour. Study of the principles of good accompanying techniques for the pianist playing with choral, vocal and instrumental music. Practical experience in the form of accompanying assignments is given, as well as coaching sessions with and without the soloist or group being accompanied. Prerequisite: Piano 108 and permission of the instructor. Four semesters of this course are required for piano majors. Piano majors may receive ensemble credit.

26-300 — Organ Literature. 2 hours. This course includes a survey of organ literature from the Renaissance through 20th century compositions. Emphasis is placed on stylistic differences in each period and registration commonly associated with each type of composition. A study of the organ of different countries and periods for which the literature was composed is included.
26-301 — World Musics. 3 hours. A study of representative music systems of the world, the function of these musics within the cultures of which they are a part, and a comparison of these phenomena with their Western counterparts. Seeks to provide an understanding of non-Western music systems as a means to appreciating the ethnic diversity in our pluralistic society. Open to all students; no prior musical training is necessary.

26-302 — Organ Pedagogy. 2 hours. Different methods of technique training, choice of registration for different styles of literature, and source materials for various levels of organ training are included. The student will be given practical experience in coaching an organ student under the guidance of an organ faculty member.

26-304 — Piano Literature. 2 hours. A survey of the historical, stylistic, and formal aspects of piano literature from 1700 to the present.

26-305 — Piano Pedagogy. 2 hours. A course designed to prepare the advanced pianist for successful teaching in the private piano studio or the piano lab. The course includes a selective survey of currently available teaching method books, a study of the principles of good teaching, and instruction in the business procedures necessary for the self-employed music teacher. Prerequisites: 23-108 and 109 — Piano, or permission of the instructor. It is strongly recommended that students concentrating on piano in the music major substitute this course for 2 hours of upper division applied music.

26-334 — Clarinet Pedagogy and Literature. 2 hours. Various pedagogical problems and their solutions will be systematically considered. Also an in-depth survey of clarinet literature will be undertaken with emphasis on method books and studies as well as solo and chamber works.

26-354 — Trombone Pedagogy and Literature. 2 hours. A survey of solo and ensemble materials ranging from easy to difficult suitable for developing skills of trombone performance; and a study of methods of teaching trombone both in the private studio and in the public schools, with an emphasis on preparation for recital performance.

26-370 — Voice Literature and Pedagogy. 2 hours. The study of vocal literature will include songs from the major periods of music history beginning with the Baroque; methods of vocal production will be examined in order to give the student an over-view of approaches to the singing art. Includes a minimum of 6 clock hours of pre-student teaching experience with public school students.

26-390, 391 — Survey of Music History and Literature. 3 hours each. The history of music from the ancient Greeks to the present. The first semester will deal with the period of the Greeks to the Baroque. The second will continue to music of our time. A component on World Musics, a survey of representative music systems of the world, will be included in the second semester. Prerequisite: Music 190 or proficiency examination.

Music Theory — 27

27-100 — Music Theory. 2 hours. A beginning course in music theory covering principles of rhythm and meter, major and minor key signatures and scales. A weekly lab session applies skills to the student's individual area of performance. No prerequisite. Students must be enrolled concurrently in piano.

27-110 — Music Theory. 3 hours. A course in the study of diatonic harmony through analysis and part-writing. Emphasis on harmonization, voice leading and harmonic progression. Students must be enrolled concurrently in piano and Aural Skills 111.

27-111 — Aural Skills. 1 hour. A course for improving skills in hearing and reading music through sight-singing, harmonic, rhythmic and melodic dictation, error detection, and improvisation.

27-200, 210 — Music Theory. 3 hours each. A course in the study of chromatic harmony through 20th Century techniques of musical composition. Emphasis on analysis, part-writing and original composition. Students must be concurrently enrolled in Aural Skills 201 or 211.

27-201 — Aural Skills. 1 hour. Continuation of 27-111.

27-211 — Aural Skills. 1 hour. Continuation of 27-201.

27-300 — Form and Analysis. 2 hours. A progressive study of musical form of all style periods from the motive through the sonata and concerto. Emphasis on description, analysis and reduction. Collateral readings.

27-494 — Instrumentation. 2 hours. Range and transposition of the instruments of the orchestra; timbres of instruments individually and in combination; arranging for small groups and for full orchestras. Emphasis will be placed on arranging for school orchestras, with limited instrumentation and players of moderate ability.
Olivet’s FM radio station WKOC at 89.7 mhz sends inspirational programs to 4 million homes within 60 miles of the campus. Students operate the station under direction of Prof. Don Toland, a professional broadcasting veteran.

Division of Languages, Literature and Communication

English Language — 32
Foreign Languages — 33
Speech Communication — 34

David Kale, Chairman

The Division includes the Departments of English Language and Literature, Foreign Languages and Literature, and Speech Communication. The aims of instruction are detailed in each department but in general include the following: (a) to provide training in the effective use of the English language, both written and spoken; (b) to enlarge the cultural background of the student through the study of literature, and through an acquaintance with at least one foreign language; (c) to provide experience in the interpretation of literary masterpieces of the past and present, relating them to the social, religious, and political ideals of the peoples involved; (d) to develop an appreciation and love for the true and the beautiful in verbal expression, that a life of richer significance may be achieved through self-expression, emotional release, and creative activity; (e) to inculcate a taste for wholesome reading and other literary activities, and to develop standards by which the student may be enabled to evaluate the relative merits of that which he reads and hears.
The English Department seeks to acquaint the student with literary masterpieces in a variety of genres; to cultivate his sincere appreciation of the best that man has thought and written; to familiarize him with the development of his language and linguistic processes, and with current, national, reputable usage of words; and to develop his critical and analytical skills.

The major in English provides students with a strong liberal arts preparation for a variety of careers including education, business and the media. In addition to preparing teachers for the secondary level, the English major is also appropriate for pre-seminary and pre-law students.

The English Department helps to staff the Learning Development Center in the Benner Library. Students may seek remedial help and enrichment activities to support English course instruction.

**English Major: 32 hours. B.A.**

**Required:**
- English 202 — Creative Writing
- or 241 — Intro. to Journalism
- 300 — History of the English Language
- 305 — Intro. to Linguistics
- 306 — Advanced Writing
- 313 — Major Authors
- 329 — Period Studies in Literature
- or 414 — Special Topics
- 477 — Senior Seminar

**And select 4 of the following courses:**
- English 223 — British Lit. to 1800
- 224 — British Lit. since 1800
- 253 — American Lit. to 1865
- 309 — World Literature
- 354 — American Lit. since 1865

**Required supporting courses:**
- Speech 101 — Fundamentals of Speech
- Phil. 141 — Beginning Philosophy
- or 241 — Logic
- or 351 — History of Philosophy
- or Art 371 — History of Western Art
- Hist. 111 — Western Civilization I
- or 131 — American Civilization I
- or 132 — American Civilization II
- or 331 — Renaissance and Reformation
- or 351 — Modern England
English Teaching Major: 35 hours. B.A.

Required:

English 111 — Intro. to Drama
115 — Intro. to Drama Lab
202 — Creative Writing
or 241 — Intro. to Journalism
300 — History of English Language
305 — Intro. to Linguistics
306 — Advanced Writing
313 — Major Authors
329 — Period Studies in Literature
or 414 — Special Topics
477 — Senior Seminar

And select 4 of the following courses:

English 223 — British Lit. to 1800
224 — British Lit. since 1800
253 — American Lit. to 1865
309 — World Literature
354 — American Lit. since 1865

The Professional Education Sequence
including English 476.

Required supporting courses:

Speech 101 — Fundamentals of Speech
Hist. 111 — Western Civilization I
or 131 — American Civilization I
or 331 — Renaissance and Reformation
or 351 — Modern England

English Minor: 18 hours

Required:

English 103, 104 — Freshman Composition
223 or 224 — British Literature
253 or 354 — American Literature
306 — Advanced Writing
Three hours of English elective

English Teaching Minor: 24 hours

Required:

English 103, 104 — Freshman Composition
111 — Intro. to Drama
115 — Intro. to Drama Lab
223 or 224 — British Literature
313 — Major Authors
253 — American Literature to 1865
or 354 — American Lit. since 1865
305 — Intro. to Linguistics
306 — Advanced Writing

Journalism Teaching Minor: 25 hours

Required:

English 103, 104 — Freshman Composition
241 — Intro. to Journalism
245 — Editing and Production
340 — Magazine and Feature Writing

And 10 additional hours of English. These 10 hours may not also count toward an English Teaching major.

Typical Courses for a Student Majoring in English

Freshman Year
Freshman Composition
Fundamentals of Speech
Old and New Testament Survey
Introduction to Fine Arts
Laboratory Science
Physical Education

Sophomore Year
History of the English Language
British Literature to 1660
American Literature to 1865
Christian Doctrine
History
Modern Language

Courses

32-101 — Basic Writing Skills. 3 hours. A diagnostic and prescriptive course in which individualized and group methods are used to raise a student’s proficiency in grammar, word structure, sentence structure, vocabulary and basic writing. Placement in this course is determined by the English score on the American College Test. This course is a prerequisite for 32-102 — Freshman Composition — for those students placed in this course.

32-102 — Freshman Composition. 3 hours. A required course for freshmen with language and composition deficiencies. The course emphasizes a systematic study of grammar, usage and writing. Placement is determined by the English score on the American College Test and a writing sample. Successful completion of this course permits the student to enroll in 32-104. This class meets 5 times a week.

32-103 — Freshman Composition. 3 hours. The purpose of this course is to develop proficiency in communicating ideas, and to promote critical and creative thinking in the use of words, sentences, and paragraphs.

32-104 — Freshman Composition. 3 hours. This course continues the study of effective written
communication. Specific concerns are critical analysis, writing about literature, and a formal study of the research paper.

32-110 — Introduction to Poetry. 2 hours. A survey of poetry designed to help students read with understanding and pleasure. Various approaches are used to improve skills in critical analysis.

32-111 — Introduction to Drama. 2 hours. A survey emphasizing conventions and continuity of themes and ideas from the Classical Period to the present.

32-114 — Introduction to Fiction. 2 hours. Exposure to representative fiction writers and their works with special study of literary devices, techniques and conventions.

32-115 — Introduction to Drama Lab. 1 hour. Provides theory, method and limited hands-on experience in play production such as blocking, scene design and costuming. English Teaching majors and minors must take this concurrently with 32-111 — Introduction to Drama. This course does not qualify for the General Education literature requirement.

32-202 — Creative Writing. 3 hours. Emphasis on the writing of fiction and poetry. Students experiment with personal experience writing and with various techniques in writing fiction and poetry, particularly open form poetry. Students are required to submit writing to the university literary magazine for possible publication. Extensive writing experience is not a prerequisite.

32-223 — British Literature to 1800. 3 hours. A survey of representative authors, works and literary forms of the Medieval, Renaissance, and Neo-Classic eras in British literature. Approaches are historical and analytical.

32-224 — British Literature since 1800. 3 hours. A survey of representative authors, works and literary forms of the Romantic, Victorian and Modern eras in British literature. Approaches are historical and analytical.

32-241 — Introduction to Journalism. 3 hours. An introduction to the journalistic writing style. Emphasis is on learning what is news, how to gather news and how to write news stories. Students are encouraged to publish in the local press, especially the student newspaper.

32-245 — Editing and Production. 3 hours. Techniques of editing, layout and print piece production are studied. How to write editorials, and the role of the editor are also featured. Prior knowledge of journalism style and news story format is helpful.

32-253 — American Literature to 1865. 3 hours. A survey of representative works of Colonial, Federalist and Romantic periods. Approaches are historical and analytical.

32-300 — History of the English Language. 3 hours. Developmental study of the English alphabet, phonology, morphology, syntax, grammar and vocabulary from Old English times to the present. Includes major external influences as well as internal changes. Some attention to dialects. Introduction to Linguistics is strongly recommended as a prerequisite.

32-305 — Introduction to Linguistics. 3 hours. Descriptive analysis of phonology, morphology and syntax. Study of traditional, structural, and transformational grammars. Some attention is given to dialectology. Emphasis on American English.

32-306 — Advanced Writing. 3 hours. Theory and practice of rhetorical modes and technical writing directed toward a disciplined personal style that reflects awareness of language, logic, organization and usage. Students will also complete specific writing assignments in their majors.

32-309 — World Literature. 3 hours. A comparative and historical survey of representative writers of Western and Non-Western traditions. Attention is given to the emergence and development of major themes and literary forms.

32-312 — Folklore and Myth. 3 hours. A comparative study of international folklore with emphasis on the cultural functions of the folktale, legend and myth.

32-313 — Major Authors. 3 hours. An intensive study of the works of one author with attention to the chronological development of his style, his main themes, and his relationship to literary tradition. May be repeated for credit. Author studied must be different. Shakespeare offered in alternate years.

32-329 — Period Studies in Literature. 3 hours. A study of an English, American or Continental literary period such as the European Romanticism, English Renaissance, Victorian Era, Colonial America, or contemporary England and America. May be repeated for credit. Period must be different.

32-340 — Magazine and Feature Article Writing. 3 hours. A study of various magazine formats and non-fiction article types will precede intensive feature article writing assignments. Students will be encouraged to submit articles to various markets.

32-342 — College Publications. 1 hour. Academic credit will be given to regular staff members of the campus newspaper or yearbook. A monthly log sheet of time worked must be submitted to the university supervisor. This credit may not be earned more than twice.

32-354 — American Literature since 1865. 3 hours. A survey of representative works with emphasis on the rise of Realism and Naturalism.
in fiction, the beginnings of Modernism in poetry, and fiction between the wars. Approaches are historical and analytical.

32-414 — Special Topics in Literature. 3 hours. A study of a selected genre or literary topic not ordinarily covered in other courses. Content will vary from semester to semester, and may include such topics as The Novel, Utopian/Science Fiction Literature, Modern Poetry, Jewish Literature, and Recent Southern Fiction. May be repeated for credit. Topic must be different.

32-476 — Teaching English in Secondary Schools. 3 hours. Review of research in teaching English/Language Arts in secondary schools. Observation of classroom teachers and demonstration teaching of literature, language and writing. Unit planning, evaluation, classroom management, and professional issues are discussed. Students must join NCTE. Includes a 45-hour practicum in a secondary school setting.

32-477 — Senior Seminar. 2 hours. Designed to integrate previous studies in English, the course stresses refinement of the student's analytical abilities by providing for individual projects and selected topics relevant to literary criticism. Other considerations include preparation for graduate entrance examinations (GRE, NTE, MAT), graduate study and career options.

32-487 — Journalism Practicum. 6 hours. A work experience for seniors at a newspaper or media-related company. Emphasis is on writing, editing, researching or doing production projects. On-the-job and faculty supervisors evaluate the student. A daily log and practicum report are required. Pass/Fail grading.

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Foreign Languages and Literature — 33

Minnie Wills (1971)  
Associate Professor of Spanish;  
Chairwoman of the Department  
B.A., 1951, Olivet Nazarene University  
M.A., 1952, University of Illinois

George Lyons  
Greek. See Religion Department

Vicki Trylong (1976)  
Assistant Professor of Modern Languages  
B.A., 1970, Olivet Nazarene University  
M.A.T., 1980, Purdue University  
Ph.D., 1987, Purdue University

William Woodruff  
Greek. See Religion Department

The programs leading to the Bachelor of Arts degree with a major in Romance Languages are designed to develop in the student an ability to comprehend, speak, read, and write the language. Many students combine a language major with a related major or minor for careers in communications, business, social welfare, etc. Other students study languages in preparation for teaching modern languages at the secondary level.

Students with one year or less of foreign language credit on the junior high or senior high levels will meet the foreign language requirements on the B.A. degree by successfully completing Level I (a) and (b) in the language of their choice. Courses numbered 101, 111 and 121 may not be taken for credit by students with two years or more of high school credit in that language. If students feel deficient, they may audit these courses. Upon completion of the Intermediate level course with a minimum grade of "C" students may petition for five hours of credit for level I (a) in the same language.

A student with three or more years of high school credit in a language who desires to complete a major or minor in that language may petition for 10 hours of credit in lieu of Level I (a) and (b) upon successful completion of two courses in Level II of the same language.

The department offers foreign travel seminars in France and Spain in alternate
years. It is highly recommended that language majors participate in one or both of these programs.

Romance Languages Major (French and Spanish): 32 Hours. B.A.

**Required:** 22 hours upper division courses (including French or Spanish Phonetics) in language of primary interest, and 10 hours upper division courses in a second language.

**Must be supported by 9 hours from:**

- English 305 — Linguistics
- 309 — World Literature
- History 111 or 112 — Western Civilization
- 366 — Latin American History
- Pol. Sci. 348 — World Politics
- Speech 101 — Fundamentals of Speech
- 349 — Intercultural Communication

Romance Languages Teaching Major: B.A.
Same as the major above plus the Professional Education Sequence including Lang. 469 — Teaching of Modern Languages. The aural and oral abilities of teaching majors and minors will be evaluated at Levels I, II and III.

Teaching Minor (French, German, Spanish): 20 Hours

**Required:** Level I (a) and (b), Level II (a) and (b). Must be 20 hours of college language.

Minor (French, German, Spanish): 20 hours

**Required:** Level I (a) and (b), Level II (a) and (b). May be reduced by 5 hours for 2 years of same language taken in high school.

Minor (Greek): 16 Hours

**Required:** 133, 134, 231, 334 and 335 or 336 and 337.

Typical Courses for Student Majoring in Modern Language

**Freshman Year**
- Language of Your Choice
- Freshman Composition
- Fundamentals of Speech
- Old and New Testament Survey
- Physical Education
- Sociology
- Natural Science

**Sophomore Year**
- Continued Language Courses
- Christian Doctrine
- Introduction to Psychology
- Introduction to Fine Arts
- Literature
- Western Civilization

General Courses

33-469 — The Teaching of Modern Languages. 3 hours. A methods course dealing with language learning and teaching applied to French, German, and Spanish. Required of majors who plan to teach. Prerequisite: Education 351 and Level II in the language sequence. Includes a 45-hour practicum in a secondary school setting.

French

33-101 — Elementary French. Level I (a). 5 hours. A comprehensive elementary course which includes grammar, pronunciation, oral and written composition and reading.


33-301 — Grammar Review. Level II (a). 5 hours. Grammar review, aural comprehension, conversation, reading. Prerequisite: French 102 or 3-4 years of high school French.


33-342 — Communication in French. 2 hours. This course is designed to provide more extensive practice in communicating in French. Course work concentrates on the active (student-generated) skills of speaking and writing. Prerequisite: French 301 or its equivalent. May be repeated one time for credit.
116 Foreign Languages

33-353 — French Literature. 3 hours. French literature from La Chanson de Roland through the Renaissance. This is a survey course including a study of the history of the literature and the reading of selected works. Prerequisite: French 301 and 302.

33-354 — French Literature. 3 hours. A course concentrating on Classical theatre, the Philosophes, and Romantic poetry. This class will follow the same format as French 353. Prerequisite: French 301 and 302.

33-355 — French Literature. 2 hours. A continuation of the study of literature, particularly from 1850 to the present. This course will follow the same format as French 353 and 354. Prerequisite: French 301 and 302.

33-473 — Programmed French Phonetics. 2 hours. A systematic study of the sounds and sound patterns of French. Oral practice. Interpretive readings in prose and poetry. Analysis and correction of the student's pronunciation with special attention to the problems of teachers. Prerequisite: Level II.

33-476 — Topics in French Studies. 2 or 3 hours. The student may select an area of special interest to work on independently. A plan of study will be agreed upon with the instructor. This plan may include readings, papers, or other special projects in that area. Possible topics might cover: various aspects of French literature, Francophone cultures, commercial French, or other similar studies. Prerequisite: French Level III or permission of instructor. May be repeated for credit.

Spanish

33-111 — Elementary Spanish. Level I (a). 5 hours. A comprehensive elementary course which includes grammar, pronunciation, oral and written composition and reading.

33-112 — Intermediate Spanish. Level I (b). 5 hours. An intermediate level course which is a continuation of Spanish 111 with an additional emphasis on reading.

33-311 — Grammar Review. Level II (a). 5 hours. Grammar review, aural comprehension, conversation, reading. Prerequisite: Spanish 112 or 3-4 years of high school Spanish.

33-312 — Spanish and Spanish-American Culture and Civilization. Level II (b). 5 hours. A survey of Spanish life and Spanish institutions intended as a background for literary studies and as a preparation for teaching Spanish. Prerequisite: Spanish 311.

33-341 — Advanced Communication in Spanish. 2 hours. This is a course designed to give intensive practice in communicating in the foreign language. The course provides opportunities to improve listening, speaking and writing abilities. Some attention is given to commercial Spanish. Prerequisite: Spanish Level II. May be repeated one time for credit.

33-361 — Spanish Literature. Level III (a). 3 hours. Spanish literature from Poema del Cid to the present. A survey course which includes a history of the literature and the reading of selected works representative of the various periods. Prerequisite: Spanish Level II.

33-362 — Spanish American Literature. Level III (b). 3 hours. Spanish-American literature from the Conquistadores to the present. A survey course which includes a history of Spanish-American literature and the reading of selected works representative of the various periods. Prerequisite: Spanish 361.

33-484 — Spanish Phonetics. 2 hours. A systematic study of the sounds and sound patterns of Spanish. Oral practice. Emphasis on articulation and intonation. Analysis and correction of the student's pronunciation with special attention to the problems of teachers. Prerequisite: level II.

33-486 — Topics in Spanish Studies. 2 or 3 hours. The student may select an area of special interest to work on independently. A plan of study will be agreed upon with the instructor. This plan may include advanced readings in Spanish or Spanish American literature, special projects in commercial Spanish, Spanish for medical personnel, or other similar studies. Prerequisite: Spanish Level III or permission of instructor. May be repeated for credit.

German

33-121 — Elementary German. Level I (a). 5 hours. A comprehensive elementary course which includes grammar, pronunciation, oral and written composition and reading.

33-122 — Intermediate German. Level I (b). 5 hours. An intermediate level course which is a continuation of German 121 with additional emphasis on reading.

33-321 — Grammar Review. Level II (a). 5 hours. Grammar review, aural comprehension, conversation, reading. Prerequisite: German 122 or 3-4 years of high school German.

33-322 — German Culture and Civilization. Level II (b). 5 hours. A survey of German life and German institutions intended as a background for literary studies and as a preparation for teaching German. Prerequisite: German 321.
Greek

33-133 — Elementary Koine Greek, Level I (a). 4 hours. A comprehensive elementary course which includes grammar, pronunciation, reading and translation of Koine Greek. Lecture and laboratory for individualized instruction.

33-134 — Elementary Koine Greek, Level I (b). 3 hours. A continuation of Greek 133.


33-334, 335 — Intermediate New Testament Greek. 3 hours. Same as Biblical Literature 334, 335.

33-336, 337 — New Testament Greek Exegesis. 3 hours. Same as Biblical Literature 336, 337.

Speech Communication — 34

DAVID KALE (1977)
Professor of Speech Communication; Chairman of Speech Communication Department; Chairman of Division of Language, Literature and Communication
B.A., 1966, Eastern Nazarene College
M.A., 1970, Temple University
Ph.D., 1974, Pennsylvania State University

DONALD TOLAND (1978)
Associate Professor of Speech Communication
B.A., 1949, University of Minnesota
M.A., 1968, University of Denver

The courses in the Department of Speech Communication have three objectives as follows: 1) The training of students in the field of Speech covering both the scientific and the artistic aspects; 2) The development of skill in expression which will better equip the individual for a place of leadership, and 3) The preparation of specially qualified students in the field of Speech Communication.

Speech Communication Major: 30 to 37 hours. B.A.

Required:
Speech 101 — Fundamentals of Speech
221 — Mass Media and Society
349 — Intercultural Communication
354 — Communication Theory
459 — Persuasion
477 — Senior Seminar

Required supporting courses:
English 241 — Introduction to Journalism
305 — Linguistics
Psychology 321 — Social Psychology
History 345 — The World Since 1945

In addition, the student must complete one of the following options:

Option A — Speech Communication
Speech 222 — Psychology of Human Communication
347 — Organizational Communication
348 — Small Group Communication
357 — Nonverbal Communication
Speech Communication

Required supporting course:
Business 201 — Introduction to Word Processing

Option B — Journalism
English 202 — Creative Writing
245 — Editing and Production
340 — Magazine and Feature Article Writing
487 — Journalism Practicum

Required supporting courses:
Business 201 — Introduction to Word Processing
and either
Art 172 — Introduction to Photography
or 224 — Graphics
or 251 — Commercial Art

Option C — Broadcasting
Speech 177, 178, 377, 378 — Communications Workshop
372 — Broadcast Writing
374 — Broadcast Speaking
376 — Broadcast Production
487 — Broadcasting Practicum

Required supporting courses:
Business 260 — Principles of Management

Strongly recommended:
Business 201 — Introduction to Word Processing

Speech Communications Minor: 15 hours as approved by the Department Chairman, including Speech 354 — Communication Theory.

Teaching Minor: 24 hours as approved by the Chairman of the Department, including Speech 354 — Communication Theory, 15 additional hours of Speech Communication, and 6 hours of English. The student must include course work from at least three of the following areas: Public Speaking, Interpersonal Communication, Oral Interpretation, and Group Discussion.

Journalism Teaching Minor: 25 hours. See the English Department

Typical Courses Recommended for Speech Communication Majors
Courses will vary according to major option.

Freshman Year
Fundamentals of Speech
Freshman Composition
Introduction to Psychology
Old and New Testament Survey
Laboratory Science
Physical Education

Sophomore Year
Mass Media and Society
Psychology of Human Communication
Christian Doctrine
Introduction to Journalism
Language
Introduction to Word Processing
Editing and Production
Creative Writing
Principles of Management

Speech Communication

34-101 — Fundamentals of Speech. 3 hours. A course designed to develop an understanding of the basic fundamentals of speech and communication.

34-104 — Parliamentary Law. 1 hour. The study and practice of parliamentary procedure.

34-198, 398 — Dramatic Performance. 1/2 hour. Credit shall be granted to persons playing a major role in a campus dramatic performance or production. Up to 2 hours of credit may be earned in this manner. Determination of credit and major roles is to be judged by the faculty member involved in direction of the production.

34-221 — Mass Media and Society. 3 hours. The student will become familiar with the historical development of the media, along with their impact on the political, social and economic structures of society. The organizational framework of the mass media will be studied, along with the qualifications and opportunities for employment.

34-222 — Psychology of Human Communication. 3 hours. The purpose of this course is to provide a broad survey of several psychological factors affecting human communication. Topics such as selective perception, labeling, and nonverbal communication will be among these considered. Prerequisite: Sp. 101.

34-260 — Fundamentals of Play Production. 3 hours. The purpose of this course is to provide instruction in all aspects of play production.
Topics to be covered include concepts in acting, production, direction, set design, etc. Offered in alternate years.

34-347 — Organizational Communication. 3 hours. The purpose of this course is to examine and develop some proficiency in the skills which are necessary to effectively communicate within organizations as well as between organizations and their constituencies. Of particular interest are topics such as conflict resolution, developing trust, clear presentation of organizational image, and decision-making in organizations.

34-348 — Small Group Communication. 3 hours. A study of the principles of interpersonal communication and group dynamics. Attention is given to the responsibilities of group members and leaders as well as to various group discussion formats (problem solving, creative thinking, decision making).

34-349 — Intercultural Communication. 3 hours. Similarities and differences of communication patterns across cultures is the focus of this course. Of particular concern will be communication rituals, nonverbal signals and communication patterns of cultural groups.

34-354 — Communication Theory. 3 hours. A study of communication modules and their application to interpersonal communication and public speaking. Problems of miscommunication will be investigated.

34-357 — Nonverbal Communication. 3 hours. The purpose of this course is to examine the function of nonverbal factors in interpersonal communication. Kinesics, oculics and proxemics will be among the topics considered in the course.

34-367 — Special Topics in Dramatic Performance. 3 hours. An intensive study in a specific area of drama with emphasis on performance. Classes dealing with basic acting, radio drama, and children's drama will be offered in alternating semesters. This course may be repeated.

34-459 — Persuasion. 3 hours. Psychological aspects of speech; nature and methods of attention, suggestion, motivation, and identification; influencing group opinion and action.

34-466 — Practicum. 1-6 hours.

34-477 — Senior Seminar. 3 hours. Combines concepts of communication ethics, interpersonal relationships in professional and personal living, awareness of major contemporary issues calling for ethical decisions and commitments, career planning, resumes and self exploration.

**Broadcasting**

34-177, 34-178, 34-377, 34-378 — Communications Workshop. 1 hour each semester. A study of the equipment and materials used in broadcasting, including the operation of control room equipment (mixing panel, record turntables, tape machines, etc.) and the writing and delivery of material for broadcasts of a sacred and secular nature: commercials, newscasts, and devotional programs.

34-372 — Broadcast Writing. 3 hours. All types of television and radio writing will be covered in this course. The student will not only learn the practical aspects of script writing and program development, but will also gain an understanding of the power of the media to affect the thinking and actions of people. Offered in alternate years, spring semester.

34-374 — Broadcast Speaking. 3 hours. The course is designed to develop the student's broadcast speech skills and to help the student gain an appreciation for broadcasting as a means of communication and education. The course provides a knowledge of basic techniques and an opportunity for practice in specific areas of announcing, newscasting, acting, and oral interpretation. Offered in alternate years, spring semester.

34-376 — Broadcast Production. 3 hours. This course concentrates on the practical aspects of radio and television production. Students will have access to college radio and television studios as they produce original scripts and programs. Technical problems of audio and video control, staging, lighting, camera work and management of production personnel will be considered. Offered in alternate years, fall semester.

34-487 — Broadcasting Practicum. 6 hours. Each student enrolled in this course will be assigned to a local station for direct exposure to the everyday operation of the broadcasting industry. The course will be supervised by a person who is a staff member at the station.
Division of Natural Sciences — 41

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Max Reams, Chairman

The Division of Natural Sciences includes the Departments of Biological Sciences, Chemistry, Geological Sciences, Mathematics, and Physics.

The general purpose of the Division is to integrate the aims and the work of the various departments. The aim for each is not the acquisition of knowledge alone, but the developing of logical and orderly thinking habits. The objective is to acquaint the student with the scientific method as a means for arriving at the truth and to show that there is harmony between science and religion.

Further aims are given more in detail in the introduction for each department, together with requirements for majors in the various fields.
Physical Sciences 121

Interdisciplinary Majors in the Physical Sciences

This major is offered providing emphases in such areas as Biophysics, Geophysics, Biochemistry, Geochemistry, Chemical Physics, Mathematical Physics, and Ecology, depending upon the student's interest.

Physical Science Major, B.A.:
Science and Mathematics Core:
General Chemistry ...........8 hours
General Physics ............10 hours
Calculus I and II ............8 hours

26 hours

A minimum of 40-55 additional hours in science (may be part biological or math), with a minimum of 20 additional hours in one department. The curriculum would be tailor-made to fit the vocational-professional needs of the student and would be determined by a committee composed of representatives from each department involved (e.g., Biophysics — one person from Biology and one from Physics). In addition to these members who would be responsible for the details of an individual student's curriculum, the chairman from the represented departments and the divisional chairman would be ex officio members of the committee.

Physical Science Teaching Major, B.A.:
An interdisciplinary teaching major in the physical sciences requires 20 hours in one physical science department above the Science and Mathematics core and 10 hours in another department of the Division of Natural Sciences above the core. The committee in this case must include a member of the Department of Education. The plan of study proposed by this committee would then be presented to the entire division. Upon approval by the division the plan of study would then be presented to the Registrar and the Academic Dean for approval. Students preparing for teaching certification must take the Professional Education sequence including Natural Science 477.

Physical Science Major, B.S.:
The requirement for a B.S. in the Interdisciplinary program are the same as for the Bachelor of Arts, except for the following:
Science and Mathematics Core (in addition):
Computer Science ............3 hours
A minimum of 46-63 additional hours in science (may be part biological or math), with a minimum of 24 additional hours in 1 department.

Physical Science Teaching Major, B.S.:
A teaching major in the Interdisciplinary program requires 24 hours in one physical science department above the Science and Mathematics core and 10 hours in another department of the Division of Natural Sciences above the core, and the Professional Education sequence including N.S. 477.

Interdepartmental Teaching Minors

The division offers the following interdepartmental teaching minors:

General Science Teaching Minor:
(not open to Teaching Majors in Chemistry, Physics, or Biology) —
24 hours
Required:
Biological Sciences
120 — General Botany
121 — General Zoology
241 — Genetics
and electives from Chemistry, Physics, Earth and Space Sciences, Natural Science 121 — Physical Geography.
Three hours must be upper division.

Physical Science Teaching Minor:
(not to include courses from the science major department):
24 hours
Two of the following are required:
Astronomy ....................7 hours
Chemistry .....................12 hours
Earth Science .................. 8 hours
Physics ....................... 10 hours

Electives chosen from Nat. Sci. 121, Physical Geography, Chemistry, Physics, Earth and Space Sciences.

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Engineering

There are three alternatives in engineering at Olivet. The first two years in each program are common, allowing students to wait until their sophomore year to decide which track to follow.

**Engineering Physics, B.S.** This 4 year program leads to the Bachelor of Science degree and makes it possible for students to complete their degree at Olivet. The emphasis is on a strong broad science base in physics and mathematics, with supporting courses in chemistry. In addition, there is emphasis placed on applied courses such as engineering graphics, electronics and computer science. One of the most important parts of the program is the junior-senior research course where students utilize their science and engineering skills to define and solve a real-life problem in consultation with Olivet faculty.

The Engineering Physics program provides excellent training for technical management positions in engineering and research industries, as well as quality preparation for graduate study in engineering or physics. The requirements for this degree are described under the Physics Department majors.

**2-2 and 3-2 Engineering** These programs enable students to take their first two or three years in residence at Olivet. During their last year at Olivet they apply as a transfer student to the university of their choice in order to complete the Bachelor of Science in a specific engineering field.

These programs offer a broader liberal arts background than most engineering programs while still providing the specialized engineering training available at the large university.

In the 3-2 program, the student spends three years at Olivet, and then transfers to a university engineering program accredited by the Accreditation Board for Engineering and Technology (ABET) for the last two years. Upon completion of the degree at an accredited engineering school, the student receives a Bachelor of Science degree from the university, and a Bachelor of Arts in Engineering from Olivet.

In the 2-2 program, the student takes two years of courses at Olivet, and receives an Associate of Arts Degree in Science Technology from Olivet. The next two years are then spent in a specialized engineering field at a university. The first two years at Olivet are basically the same whether the student is in the Bachelor of Science Engineering Physics program at Olivet, the 3-2 program or the 2-2 program.

**Transfer Prerequisites:** At the present time most colleges of engineering are experiencing extreme admissions pressures, and are unable to accept all qualified transfer students. Prospective transfer students are usually judged on a competitive basis for admission, with the major criteria being grade point average, semester hours completed, and course requirements.

The minimum required grade point average varies from one year to the next, from one engineering program to another, from one university to another, and may differ for in-state and out-of-state residents. The timing of admission requests is also important. Usually only very highly qualified students are accepted into the engineering school of their choice even though they are in good standing at Olivet.

Prospective transfer students are urged to contact the engineering schools in which they are interested by the end of their freshman year to determine the particular admission criteria for transfer students. For more information, contact the Chairman of the Physics Department at Olivet.

**Engineering Major: 3-2 Program — 47 hours. B.A.** plus general education requirements for a total of 96 hours from Olivet, and two years of engineering courses from an ABET accredited engineering program at a university.

**Required:**
Physics 107 — Engineering Graphics
201 — General Physics I
202 — General Physics II
Math. 250 — Fortran Programming
147 — Calculus I
148 — Calculus II
361 — Calculus III
362 — Calculus IV
or 357 — Differential Equations
Chemistry 103 — General Chemistry I
104 — General Chemistry II
9 additional hours of upper division
Physics, Mathematics or Chemistry.

Associate of Arts — Science Technology:
2-2 Engineering Program: Same requirements as listed for the Associate of Arts Degree in Science Technology. Calculus II and either Calculus IV or Differential Equations are usually taken by engineering students during the sophomore year at most universities.

Controlled electives in science and mathematics 6-7 hours.

Strongly recommended:
Math. 361 — Calculus III
362 — Calculus IV
Chem. 301 — Quantitative Analysis

Other suggested electives:
Physics 311 — Electronics I
312 — Electronics II
Chem. 310 — Instrumental Methods of Analysis
311 — Organic Chemistry I
312 — Organic Chemistry II
Geol. 353 — Mineralogy and Optical Crystallography

Health Sciences

Pre-Medicine

A student pursuing a pre-professional program in medicine (allopathic osteopathic, podiatric, etc.) will be advised to take a number of courses in biology, chemistry, mathematics and physics. Most successful pre-medical students take either a zoology or chemistry major, or a double major of chemistry and zoology.

Although it is possible to gain entry into a medical school with a major from outside the sciences, it is necessary for a student to emphasize the sciences very strongly. The liberal arts foundation at Olivet is a definite asset to medical studies. Pre-medical students are advised by a member of the Natural Science Division’s Pre-Health Science Committee.

Pre-Dentistry

A major in zoology or chemistry should be supported by a minor in the field not chosen as a major (zoology or chemistry). The student will be advised by a member of the Pre-Health Science Committee.

Pre-Veterinarian

A major in zoology is preferred, supported by a strong minor in chemistry. The
student is advised to work into his summer schedule some courses in animal science. The student will also need some practical experience working for a veterinarian. The student will be advised by a member of the Pre-Health Science Committee.

Pre-Physician's Assistant

A zoology major with a strong chemistry minor is recommended. A student planning to apply to this program is advised to write the schools he is interested in attending for graduate work in order to learn about specific requirements.

Pre-Pharmacy

A chemistry major supported by a strong zoology minor is recommended. Molecular biology and physiology should be emphasized in the zoology minor. A student desiring a pharmacy career should write the school(s) he is interested in attending for graduate work, since some schools have specific recommendations and restrictions on what courses should be taken before applying to pharmacy school.

Pre-Optometry

A zoology or chemistry major is recommended. Physics should also be included in the program at Olivet, along with mathematics.

Pre-Physical Therapy

See the Physical Education Department for a description of this program.

Degree Program in Medical Technology

Requirements for the baccalaureate degree with a major in medical technology include:

1. Completion of a minimum of 98 semester hours including the general and group requirements for the degree. This is usually accomplished in three years of pre-professional studies. The junior year at Olivet is construed to be the last year in residence indicated in the general requirements.

2. Completion of 12 months of clinical training in a hospital laboratory school of medical technology accredited by the Council of Medical Education of the American Medical Association. Normally 30-32 upper division hours will be granted for the program, and it will apply on requirements for the major. The number of upper division hours accepted will depend upon the number of credit hours granted by the hospital laboratory school of medical technology.

Olivet Nazarene University has affiliations with three hospital schools of medical technology: Methodist Medical Center of Illinois, Peoria, Illinois; St. Joseph's Hospital, Fort Wayne, Indiana; St. Margaret's Hospital, Hammond, Indiana.

Medical Technology Major: 51-53 Hours. B.A. or B.S.

Required:

Bio. 121 — General Zoology
241 — Genetics
356 — Microbiology
359 — Immunology
484 — Cellular Biology
Chem. 103 — General Chemistry I
104 — General Chemistry II
301 — Quantitative Analysis
311 — Organic Chemistry I
Math. 131 — Algebra and Trigonometry
or 147 — Calculus I

To be supported by:

Bio. 373 — Introduction to Molecular Biology
or Chem. 373 — Biochemistry
and one course selected from the following:
Bio. 120 — General Botany
245 — Human Anatomy and Physiology
Chem. 310 — Instrumental Methods of Analysis
312 — Organic Chemistry II
Providing for man's basic need for food has many different facets in career opportunities. It is quite important that each student preparing for employment in the food field spectrum have a clear concept of the kind of position which would fulfill that person's interest. The types of preparation for the various kinds of occupations can be quite different. Hence the following guidelines are presented to aid students in program selection.

Dietetics
Four year program. B.A. or B.S.
1. Preparation toward becoming a registered dietitian. Olivet offers the therapeutic emphasis of the American Dietetic Association (A.D.A.) program. This will prepare a person for a position as director of dietetic services within a hospital, or as a hospital dietician, or as a consulting dietician serving in extended care facilities such as nursing homes or medical groups. The student may qualify for A.D.A. membership after pursuing a traineeship or internship following graduation from Olivet.
2. Preparation toward becoming a public health nutritionist. The public health nutritionist is the member of the health team who assesses community nutrition needs, plans, organizes, directs, coordinates, and evaluates the nutrition component of health services.
   This person may also provide supervision for less experienced nutrition personnel. One place of employment of a public health nutritionist, for example, is a city or county health department.
   A person with this training is generally more involved with preventative aspects of nutrition than with therapeutic nutrition. It is strongly recommended that the student plan for graduate study to obtain a master degree in public health nutrition.
   See Home Economics Department for course requirements.

Interdisciplinary Major in the Physical Sciences with an Emphasis in Nutritional Science
Four year program. B.A. or B.S.
Preparation toward becoming a research nutritional scientist.
Such an individual conducts original laboratory research at the subcellular, cellular and organ levels as well as with experimental animals. It should be the goal of an individual in this area to pursue graduate study toward an M.S. degree and preferably toward a Ph.D. in nutritional science (nutritional biochemistry).
   The Olivet undergraduate program closely follows the recommendations of the American Institute of Nutrition.

Interdisciplinary Major in the Physical Sciences with an Emphasis in Food Science and Nutrition
Four year program. B.A. or B.S.
Preparation toward becoming a food scientist or food technologist.
Such individuals are concerned with applying their knowledge of chemistry, biology, mathematics, physics and engineering to problems concerned with flavor, texture, nutritional value, safety and the economic production of food.
   Employment opportunities may be found in industry, government and education.
   The Olivet program combines a special emphasis in nutrition along with basic studies in food chemistry and food microbiology. Graduate work is recommended for a broadened preparation which includes engineering and processing aspects.

Food Service Management
Two year program
Preparation towards employment as a food service supervisor in hospitals, extended care facilities, restaurants and food service industries.

Food Related Courses
Basic Nutrition
Intro. to Nutrition — HE 121
Human Nutrition — Bio. Sci., 362
Special Areas in Nutrition
World Food Problem — Soc. 374
Diet Therapy — HE 328
Nutritional Biochemistry and Metabolism — Bio. Sci., 488
Projects in Biological Sciences or Home Economics

Food Science
Food Microbiology — Bio. Sci. 375
Foodborne Disease Control — HE 333
Food Chemistry — Chem. 481

Food Service
Food Preparation — HE 130
Dietetic Field Experience — HE 123, 124, 225, 226
Quantity Foods — HE 337
Marketing and Meal Management — HE 332
Institutional Food Management — HE 353

Natural Science — 41

Courses

41-102 — General Physical Science. 4 hours. A broad survey course designed for the liberal art student. Major concepts from astronomy, chemistry, geology, physics and meteorology are used in a way that develops the students' understanding of man's physical environment, and at the same time indicates the special contribution of each discipline to this understanding. (Open only to students without previous physics, chemistry, or earth science courses either in high school or college.) 3 hours lecture, 3 hours laboratory.

41-107 — Engineering Graphics. 3 hours. Use of instruments; geometric construction; lettering; orthographic projections; sketching; isometric and oblique projections; inking, tracing; and blueprinting; dimensioning; sectioning. This may count toward general education requirements.

41-121 — Physical Geography. 2 hours. (Same as Geography 121.)

41-477 — Teaching of Science. 2 hours. A study of the aims, the methods, and the equipment needed for classes and instructors of the natural sciences. Includes a 45-hour practicum in a public school setting.

41-520 — Oceanography. 3 hours. The oceans; their physical, chemical, biological, and geological characteristics, with a discussion of their history.

41-560 — Topics in Environmental Science. 3-4 hours. An interdisciplinary approach to man's environment, emphasizing chemical, physical, biological and geological solutions for problems such as air, water, and solid waste pollution, urban development, natural resource depletion, recycling. Field trips.

41-600-699 — Graduate Level Courses. Open to some seniors. See Director of Graduate Studies.

Biological Sciences — 42

Richard Colling (1981)
Associate Professor of Biology; Chairman of the Department
B.A., 1976, Olivet Nazarene University
Ph.D., 1980, University of Kansas

William D. Beaney (1961)
Associate Professor of Biology
B.S., 1952, M.S., 1953, Brockport State Teachers College
Pennsylvania State University
University of Illinois

Robert E. Hayes (1970)
Professor of Food Science
B.S., 1950, Union College
M.S., 1969, Massachusetts Institute of Technology
Ph.D., 1955, University of Illinois

Randal Johnson (1986)
Assistant Professor of Biology
B.A., 1976, Trinity College
M.S., 1982, Idaho State University
D.A., 1983, Idaho State University

Robert W. Wright (1969)
Professor of Biology
B.A., 1965, Los Angeles Pacific College
M.A., Ph.D., 1970 University of California

The Biology Department seeks to prepare students to teach biology in public schools, pursue graduate studies, enter medical school or related health sciences, secure research or industrial lab positions, enter biologically related industrial management and/or governmental positions, or enter agriculturally related areas.
In addition, the Biology Department curriculum provides training for students fulfilling the general education requirements of the college and for students who desire to expand their knowledge and understanding of biological principles.

Biological knowledge arranges itself naturally according to levels of organization. Each level (molecular, cellular, individual, and ecological) has its own rationale, principles, techniques, and language. It is desired that all biology students have experience with each level for the wealth of understanding which such a training brings to the person's own academic specialty.

All majors in the Department of Biological Sciences at Olivet take a sequence of courses designed to convey the body of thought and information which is essential to the undergraduate training of biologists regardless of their ultimate specialization.

Students majoring in the Department of Biological Sciences may earn either the Bachelor of Arts or Bachelor of Science degrees. The required courses for each degree are listed with concentrations in biology, botany and zoology.

For more detailed information on facilities, programs and career opportunities, contact the Admissions Office or the Chairman of the Biology Department.

Core Courses for All Majors in Biology Department:
Biol. 120 — General Botany
121 — General Zoology
241 — Genetics
373 — Intro. to Molecular Biology
495 — Seminar in Biology (1 hour)

Biology Major: 30 hours. B.A.
Required:
Core courses for all biology majors
One botany course selected from 357, 365, 366, 403
One zoology course selected from 353, 360, 361, 455, 484

To be supported by:
Chem. 103 — General Chemistry I
104 — General Chemistry II
One course in mathematics

Highly Recommended:
Biol. 370 — Ecology

Botany Major: 30 hours. B.A.
Required:
Core courses for all biology majors

Additional biology selected from:
Biol. 356 — Microbiology
357 — Plant Anatomy
365-366 — Plant Morphology
370 — Ecology
403 — Plant Physiology
484 — Cellular Biology
490 — Research in Biology

To be supported by:
Chem. 103 — General Chemistry I
104 — General Chemistry II
One course in mathematics.

Zoology Major: 30 hours. B.A.
Required:
Core courses for all biology majors

Additional zoology selected from:
Biol. 353 — Embryology of the Vertebrates
356 — Microbiology
359 — Immunology
360 — Invertebrate Zoology
361 — Vertebrate Zoology
370 — Ecology
455 — Physiology
484 — Cellular Biology
490 — Research in Biology

To be supported by:
Chem. 103 — General Chemistry I
104 — General Chemistry II
One course in mathematics.

Biology Teaching Major: 32 hours. B.A.
Required in addition to core courses for all biology majors:
Biol. 356 — Microbiology
One botany course selected from 357, 365, 366, 403
One zoology course from 353, 360, 361, 455, 484
To be supported by:
Chem. 103 — General Chemistry I
104 — General Chemistry II
One course in mathematics.
The Professional Education Sequence,
including Natural Science 477.

Highly Recommended:
Biol. 370 — Ecology

Biology Major: 40 hours. B.S.

Required in addition to core courses for all biology majors:
Biol. 356 — Microbiology
484 — Cellular Biology

Must include at least one upper division botany and one upper division zoology course.

To be supported by:
Chem. 103 — General Chemistry I
104 — General Chemistry II
301 — Quantitative Analysis
311 — Organic Chemistry I
Math. 147 — Calculus I
341 — Statistics
or 250 — FORTRAN
One year of physics

Highly Recommended:
Chem. 312 — Organic Chemistry II
Math. 148 — Calculus II
341 — Statistics
250 — FORTRAN

Botany Major: 40 hours. B.S.

Required in addition to core courses for all biology majors:
Biol. 357 — Plant Anatomy
or 365 or 366 — Plant Morphology
403 — Plant Physiology

Additional biology selected from:
Biol. 356 — Microbiology
357 — Plant Anatomy
or 365 or 366 — Plant Morphology
370 — Ecology
484 — Cellular Biology
490 — Research in Biology

To be supported by:
Chem. 103 — General Chemistry I
104 — General Chemistry II

Zoology Major: 40 hours. B.S.

Required in addition to core courses for all biology majors:
Biol. 360 — Invertebrate Zoology
or 361 — Vertebrate Zoology
455 — Physiology
484 — Cellular Biology

Additional biology selected from:
Biol. 353 — Embryology of the Vertebrates
356 — Microbiology
359 — Immunology
360 — Invertebrate Zoology
or 361 — Vertebrate Zoology
370 — Ecology
490 — Research in Biology

To be supported by:
Chem. 103 — General Chemistry I
104 — General Chemistry II
301 — Quantitative Analysis
311 — Organic Chemistry I
Math. 147 — Calculus I
341 — Statistics
or 250 — FORTRAN
One year of physics

Highly recommended:
Chem. 312 — Organic Chemistry II
Math. 148 — Calculus II
341 — Statistics
250 — FORTRAN

Biology Teaching Major: 40 hours. B.S.

Including the same courses listed above for Biology-Bachelor of Science plus the Professional Education Sequence, including Natural Science 477.
**Biology Teaching Minor: 24 hours**

*Required:*
- Biol. 120 — General Botany
- 121 — General Zoology
- 241 — Genetics
- 356 — Microbiology
- 373 — Intro. to Molecular Biology

*To be supported by:*
- Chem. 103 — General Chemistry I
- 104 — General Chemistry II

**Biology Minor: 16 hours**

*Required:*
- Biol. 120 — General Botany
- 121 — General Zoology

Additional courses are to be approved by the chairman of the department.

**Botany Minor: 16 hours**

*Required:*
- Biol. 120 — General Botany

Additional courses are to be approved by the chairman of the department.

**Zoology Minor: 16 hours**

*Required:*
- Biol. 121 — General Zoology
- 241 — Genetics

Additional courses are to be approved by the chairman of the department.

**Pre-Physical Therapy:**

Students seeking a graduate professional degree in Physical Therapy may major in biology. See the Catalog section for the Department of Physical Education for details.

**Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>42-101</td>
<td>General Biology</td>
<td>4</td>
<td>Principles of life are introduced, for the beginning student, with emphasis on the presentation of the plant and animal kingdoms, the cell, and the cell processes. 3 lecture periods and 1 laboratory period. This course does not apply toward a Biology major.</td>
</tr>
<tr>
<td>42-120</td>
<td>General Botany</td>
<td>5</td>
<td>A lecture and laboratory course dealing with the whole plant; the cell, the chief types of tissues, stems, roots, leaves, flowers, fruits, and seeds. Important physiological phenomena, and a study of the plant kingdom are given. 3 lecture periods and 1 laboratory period.</td>
</tr>
<tr>
<td>42-121</td>
<td>General Zoology</td>
<td>5</td>
<td>A lecture and laboratory course designed to acquaint students with the principles of animal life. Study includes taxonomy, morphology, physiology, embryology, ecology, and genetics. 3 lecture periods and 2 laboratory periods.</td>
</tr>
<tr>
<td>42-141</td>
<td>Personal and Community Health</td>
<td>2</td>
<td>The study includes essentials of personal and community health. Fundamentals of health science, scientific prevention of illness, dynamics of health in the individual and the family are studied. Elementary Education majors may apply this course to the Natural Science requirement or Physical Education requirement, but not to both.</td>
</tr>
<tr>
<td>42-241</td>
<td>Genetics</td>
<td>4</td>
<td>Principles of heredity and variation are presented, illustrating the gene-chromosome concept of Mendelian inheritance. This course includes a study of the gene; its structure, function, and chemistry, with emphasis on mutation, regulation, and transmission of hereditary traits in individuals and populations. Modern concepts of Recombinant DNA, somatic hybridization, gene manipulation, and recombination are also addressed. The effects of the environmental and infectious agents on genetic expression are also discussed as they relate to genetic disorders and variation in genetic expression. Prerequisites: Biology 120 and 121, or consent of instructor. 2 lecture periods, 1 laboratory period, and 1 problem-solving session.</td>
</tr>
</tbody>
</table>

**Typical courses for all majors: Biology, Botany or Zoology**

**Freshman Year**
- General Botany
- General Zoology
- General Chemistry
- Freshman Composition
- Old and New Testament Survey

**Physical Education**
- Introduction to Fine Arts
- Mathematics

**Sophomore Year**
- Genetics
- Quantitative Chemical Analysis
- Christian Doctrine
- Introduction to Psychology
- College Mathematics
42-245 — Human Anatomy and Physiology. 5 hours. The gross morphology of the vertebrate animal and the human body is studied. Consideration of human physiology is given using the organ system approach. Lecture and laboratory. Prerequisite: Biology 121. 3 lecture periods and 2 laboratory periods.

42-353 — Embryology of the Vertebrates. 4 hours. This is a study of the ontogeny of the vertebrate. Study includes basic concepts and organogenesis. Emphasis is placed on the development of the chick. Prerequisite: Biology 121. 3 lecture periods and 1 laboratory period.

42-356 — Microbiology. 5 hours. An introduction to the microorganisms is presented with special emphasis on bacteria and viruses. Studies include history, morphology, classification, physiology, genetics, aseptic culturing technics, and practical applications. Host parasite interactions in relation to disease-health equilibrium are also studied, with emphasis on microbial virulence factors and host immune and non-immune defense mechanisms. Prerequisites: Biology 120, 121, or equivalent; 4 hours of Chemistry. 3 lecture periods and 2 laboratory periods.

42-357 — Plant Anatomy. 4 hours. This is an introduction to the structure of plants with emphasis on those with vascular organization. Prerequisite: Biology 120. 3 lecture periods and 1 laboratory period.

42-359 — Immunology. 4 hours. Cellular and humoral responses to infection and disease. Mechanisms of antibody formation, structure of antibodies, and the consequences of antibody interaction with antigen. Cell-mediated immunity, histocompatibility, tumor immunology, and autoimmune disease mechanisms. Prerequisites, Biology 121, Chemistry 104. 3 lecture periods and 1 laboratory period.

42-360 — Invertebrate Zoology. 4 hours. This is a study of the principles of zoology as they apply to the invertebrates. The study is approached from a comparative standpoint with emphasis upon the anatomy and physiology of various representative organisms. Ecological principles and microtechnics are included in the laboratory. Prerequisite: Biology 121. 3 lecture periods and 1 laboratory period.

42-361 — Vertebrate Zoology (Comparative Anatomy). 4 hours. Study includes anatomy physiology, ecology, and phylogeny of vertebrates. Opportunity is given for detailed laboratory dissections. Additional laboratory to be arranged. Prerequisite: Biology 121. 3 lecture periods and 1 laboratory period. Additional laboratory to be arranged.

42-362 — Human Nutrition. 3-4 hours. Biological and chemical principles of nutrition are presented and applied to human needs. The components of nutritional surveys are detailed and major features of nutritional deficiency diseases and other diseases with important nutritional aspects are highlighted. Students taking four units credit will also carry out self-assessment energy and dietary surveys. These projects are recommended for those who plan to apply nutrition in a practical way. Prerequisites: Biology 121 or Chemistry 102 or 311.

42-365 — Plant Morphology: Nonvascular Plants. 4 hours. A lecture and laboratory course dealing with the structure, reproduction, and development as exemplified by representative algae, fungi, and bryophytes. Prerequisite: Biology 120. 3 lecture periods and 1 laboratory period.

42-366 — Plant Morphology: Vascular Plants. 4 hours. A lecture and laboratory course dealing with the structure, reproduction, and development as exemplified by representative vascular plants including psilopsids, lycopsids, sphenopsids, ferns, and gymnosperms. Prerequisite: Biology 120

42-370 — Ecology. 4 hours. The relationship between organisms and their environment at the individual, population and ecosystem levels. Various habitat characteristics, pollution and projections for the future. Several Saturday field trips. Prerequisites: Biology 120 and 121. 3 lecture periods and 1 laboratory period.

42-373 — Introduction to Molecular Biology. 4 hours. A survey of the chemistry and important reactions of biological molecules. Energetics, enzymology, metabolic pathways plus carbon and nitrogen utilization. Prerequisites: Biology 120 or 121, Chemistry 104.

42-375 — Food Microbiology. 5 hours. A study is conducted of microorganisms, and their biochemical activities, important in food spoilage and in food manufacture. Control of microbial populations in foods, methods of destruction and removal of microbes found in foods, and the evaluation of thermal processing of foods are considered. Public health aspects of food-borne infections and intoxications are discussed. Laboratory study is designed to demonstrate culture, detection, enumeration and thermal process evaluation techniques as well as the biochemical role of certain microorganisms in food manufacture. Prerequisites: Microbiology and Biochemistry, or consent of instructor. 3 lecture periods and 2 laboratory periods.

42-403 — Plant Physiology. 4 hours. Water relations, mineral nutrition, transport of materials, respiration, photosynthesis, growth and development. Prerequisites: Biology 120 or equivalent, and Chemistry 104. Lecture and laboratory.
42-455 — Physiology. 4 hours. An introduction to physiological and homeostatic principles with emphasis on organ systems and the intact organisms. Prerequisites: Biology 120 or 121, Chemistry 104, or consent of instructor. 3 lecture periods and 1 laboratory period.

42-484 — Cellular Biology. 4 hours. Ultrastructural and functional aspects of cells and tissues with special emphasis on the physical and chemical nature of specialized cellular activities. Prerequisites: Biology 120 or 121 and 373 or consent of instructor. 3 lecture periods and 1 laboratory period.

42-490 — Research in Biology. This course is open to advanced students with high academic achievement. Original research is to be conducted and a paper presented. Prerequisites: Permission of instructor, and at least Junior standing is required. 1 to 3 hours. Credit is not to accumulate more than 6 hours.

42-495 — Seminar in Biology. This course is required of all majors in Biology, Zoology, or Botany. This seminar provides for the discussion of biological problems of current interest and is an opportunity for the student to apply what has been learned. Zero to ½ hour. Credit not to accumulate more than two hours. To be taken in the junior and/or senior year.

42-560 — Topics in Environmental Science. 3-4 hours. An interdisciplinary approach to man's environment, emphasizing chemical, physical, biological and geological solutions for problems such as air, water, and solid waste pollution, urban development, natural resource depletion, recycling. Field trips.

Chemistry

JOHN E. HANSON (1961)
Professor of Chemistry, Chairman of Department
B.A., 1957, Olivet Nazarene University
Ph.D., 1964, Purdue University
Illinois Institute of Technology
University of Chicago
University of Wisconsin-Madison

DOUGLAS ARMSTRONG (1985)
Associate Professor of Chemistry
B.S., 1963, Indiana University
Ph.D., 1968, University of Iowa
Massachusetts Institute of Technology

LARRY G. FERREN (1975)
Professor of Chemistry
B.S., 1970, Ph.D., 1974, University of Missouri
University of Iowa

The courses in this department are offered to meet the needs of the following groups of students: (1) Those who desire to obtain a general knowledge of chemistry; (2) Those preparing to teach chemistry; (3) Those taking professional courses in which chemistry is required or recommended; (4) Those preparing to do graduate work in chemistry or professional chemical work.

Chemistry Major: 32 hours. B.A.

Required:

Chem. 103 — General Chemistry I
104 — General Chemistry II
301 — Quantitative Analysis
311 — Organic Chemistry I
312 — Organic Chemistry II
382 — Physical Chemistry I
or 392 — Physical Chemistry II

Six additional hours of upper division Chemistry.

To be supported by:

Math. 147 — Calculus I
148 — Calculus II
one course selected from 250, 341, 351, 361.
One year of Physics
Chemistry Teaching Major: 32 hours. B.A.

Required:
Same as above, plus the Professional Education Sequence including N.S. 477 — Teaching of Science.

Chemistry Major: 40 hours. B.S.

Required:
Chem. 103 — General Chemistry I
104 — General Chemistry II
301 — Quantitative Analysis
311 — Organic Chemistry I
312 — Organic Chemistry II
382 — Physical Chemistry I
392 — Physical Chemistry II
410 — Instrumental Methods of Analysis
373 — Biochemistry
or 404 — Advanced Inorganic Chemistry

Additional upper division chemistry to total 40 hours.

To be supported by:
Physics 201 — General Physics I
202 — General Physics II
Math. 147 — Calculus I
148 — Calculus II
361 — Calculus III
351 — Linear Algebra
or 357 — Differential Equations
or 362 — Calculus IV
C.S. 250 — Fortran
or Math 341 — Statistics

Chemistry Minor: 16 hours

Required:
Chem. 103 — General Chemistry I
104 — General Chemistry II

Eight additional hours of upper division Chemistry.

Chemistry Teaching Minor: 24 hours

Required:
Chem. 103 — General Chemistry I
104 — General Chemistry II
301 — Quantitative Analysis

Twelve additional hours of upper division Chemistry.

Typical Courses for Student Majoring in Chemistry . . .

Freshman Year
General Chemistry I and II
Calculus I and II
Old and New Testament Survey
Freshman Composition
Physical Education
Introduction to Fine Arts

Sophomore Year
General Physics I and II
Christian Doctrine
Calculus III
Quantitative Analysis
Introduction in Psychology
Organic Chemistry I and II

Courses

43-101 — Introduction to Chemistry. 4 hours. A beginning chemistry course for students with limited backgrounds in science and mathematics. Basic treatment of chemical calculations, measurements, atomic structure, bonding, nomenclature, states of matter, gas laws, solutions, reactions, kinetics, equilibrium, acids, bases, electrolytes, and radioactivity is given. The course covers many topics but deals with them at an elementary level. Prerequisite: 2 units of high school mathematics. 3 lecture periods and 1 laboratory period.

43-102 — Principles of Organic and Biological Chemistry. 4 hours. An elementary treatment of organic and biological chemistry. The major classes of organic compounds are surveyed. Proteins, lipids, carbohydrates, nucleic acids, vitamins, and hormones are studied as classes of biochemical compounds. Introductory intermediary metabolism including glycolysis, Kreb's cycle, electron transport, oxidative phosphorylation, and beta oxidation is given. Does not apply toward a major or minor in Chemistry. Prerequisite: Chemistry 101 or 103. 3 lecture periods and 1 laboratory period.

43-103 — General Chemistry I. 4 hours. A study of the structure and properties of matter. Atomic and molecular structure, chemical bonding, periodic law, nomenclature, stoichiometry, gas laws, states of matter, solutions, and descriptive chemistry of selected nonmetallic elements are studied. Prerequisite: high school chemistry. 3 lecture periods and 1 laboratory period.

43-104 — General Chemistry II. 4 hours. Acid-base chemistry, equilibrium, kinetics, thermodynamics, electrochemistry, coordination chemistry, and nuclear chemistry are treated in detail in the lecture. The laboratory work emphasizes qualitative analysis of cations, anions, and salts,
43-301 — Quantitative Analysis. 4 hours. A careful study of gravimetric and volumetric analysis with special attention given to sources of error, to calibration of instruments and apparatus, and to other important details in the improvement of laboratory technique. Volumetric analyses give experience in acid-base, precipitation, complexation, and reduction-oxidation chemistry. Equilibria governing each type of volumetric analysis are studied. Problem solving skills are developed. Instrumentation is introduced as a tool for use in analytical chemistry. Required for a major in chemistry. Prerequisite: Chemistry 104. 2 lecture periods and 2 laboratory periods.

43-311 — Organic Chemistry I. 5 hours. The study of the compounds of carbon, including structural formulas, nomenclature, physical properties, preparations, chemical reactions, and mechanisms. Only some of the important classes of organic compounds are covered, with remaining classes covered in Chemistry 312. The laboratory experience includes determination of physical and chemical properties, separation, isolation, purification, synthesis and analysis of organic compounds. Required for a major in chemistry. Prerequisites: Chemistry 101 or 103 and 104. 3 lecture periods and 2 laboratory periods.

43-312 — Organic Chemistry II. 5 hours. A continuation of Chemistry 311, covering the remaining important classes of organic compounds. Required for a major in chemistry. Prerequisite: Chemistry 311. 3 lecture periods and 2 laboratory periods.

43-373 — Biochemistry. 5 hours. A study of the structure and properties of biologically important compounds. Properties and structure of enzymes, metabolism of carbohydrates, lipids, proteins, and nucleic acids, photosynthesis, and molecular genetics are studied. Thermodynamics and reaction kinetics are applied to biochemical systems. Laboratory emphasizes experiences with each class of biochemical compound and with techniques commonly employed in biochemical research. Prerequisite: Chemistry 312 or consent of instructor. Offered in alternate years. 3 lecture periods and 2 laboratory periods.

43-382 — Physical Chemistry I. 4 hours. A study of chemical thermodynamics, including first law concepts and applications to expansion work and thermochemistry, and second law concepts and applications to phase equilibrium, solutions, chemical equilibrium, and electrochemistry. Prerequisites: Math 148, Physics 202 and Chemistry 301. Three lecture periods and one laboratory period.

43-392 — Physical Chemistry II. 4 hours. A study of chemical kinetics, and atomic and molecular structure. Includes treatment of rate laws for simple and complex reactions and activated complex theory; quantum theory principles and applications to atomic and molecular structure, rotational, vibrational and electronic spectroscopy, and statistical thermodynamics. Prerequisites; Math. 148, Physics 202, and Chemistry 301. Offered in alternate years. Three lecture periods and one laboratory period.

43-403 — Synthetic Inorganic Chemistry. 2 hours. A study of the preparation and properties of inorganic substances, with emphasis on developing laboratory skills. Prerequisite: 14 hours of chemistry.

43-404 — Advanced Inorganic Chemistry. 3 hours. A study of atomic structure, chemical bonding, and the chemistry of selected elements. Prerequisites: Chemistry 301 and 311. Offered in alternate years. Three lecture periods.

43-410 — Instrumental Methods of Analysis. 4 hours. Utilization and comparison of modern analytical instrumentation for chemical analysis. The techniques covered include: emission spectroscopy; ultraviolet, visible, infrared, and nuclear magnetic resonance absorption spectroscopy; mass spectrometry; fluorimetry; gas and liquid chromatography; and electrochemical methods of analysis (potentiometry, polarography, cyclic voltammetry, amperimetric determinations, and coulometry). Prerequisite: Chemistry 301 and 311. Offered in alternate years. Three lecture periods and two laboratory periods.

43-481 — Food Chemistry. 4 hours. The structure, composition, and physiochemical properties of food, together with the chemistry of changes occurring during maturation, processing and storage are considered. Lectures and laboratory. Laboratory study principally involves assessment of chemical properties and chemical changes occurring in foods. Prerequisites: Chem. 301 and 373, Chem. 382 recommended.
Career opportunities are very abundant in the Geological Sciences. Three major crises make the demand for earth scientists heavy: the energy crisis, the water crisis and the mineral resources crisis.

Olivet graduates in the Geological Sciences are employed by petroleum companies, government agencies, mineral industries, service industries, and as teachers or school administrators. A majority of Olivet’s graduates in Geological Sciences go on to graduate schools, almost all with graduate assistantships.

Olivet’s program is a balance of theory, lab skills and techniques, field work and research. Departmental resources include a rock lab; fine collections of rocks, minerals and fossils; good map and library holdings; equipment including microscopes, exploration seismograph, electrical resistivity apparatus, x-ray powder diffractometer with powder cameras and single crystal precession camera, 12-inch reflecting telescope, solar telescope, 30-foot planetarium, microcomputers, etc.

The Department also provides preparation for students fulfilling General Education Requirements, majors in the Interdisciplinary Programs, and for those who want to expand their awareness of their physical environment.

For detailed outlines of the Geological Science programs, write or phone the Chairman of the Department.
Chem. 103 — General Chemistry I
104 — General Chemistry II
Physics 201 — General Physics I
202 — General Physics II

Teaching Major: See Interdisciplinary Major in the Physical Sciences

Geological Science Minor: 16 hours

Required:

Courses approved by the Chairman of the Department in accordance with students' needs.

Earth and Space Science Teaching Minor: 24 hours

Recommended:

G.S. 105 — Physical and Historical Geology
130 — Astronomy
351 — Planetarium Operations

Typical Courses for a Student Majoring in Geological Sciences

Freshman Year
Physical and Historical Geology
Paleontology and Stratigraphy
General Chemistry
Calculus
Old and New Testament Surveys
Freshman Composition
Physical Education

Sophomore Year
Structural Geology and Field Methods
Geomorphology and Hydrology
General Physics
Social Science/Fine Arts
Christian Doctrine

Courses

44-105 — Physical and Historical Geology. 4 hours. The earth's surface and interior and the processes which form them. Origin of the earth and its changing patterns of continents, oceans and life. Laboratory uses minerals, rocks, fossils, topographic and geologic maps, and aerial photographs to interpret changes in the earth and its life through time. Short field trips. 3 lecture periods and 1 laboratory period.

44-301 — Paleontology and Stratigraphy. 4 hours. An introduction to the structure and origin of the universe. Includes the study of the solar system, stars, galaxies, black holes, quasars, etc. Laboratory introduces the student to various techniques used in astronomical studies. The planetarium and observatory are utilized. 3 lecture periods and 1 laboratory period.

44-303 — Geomorphology and Hydrology. 4 hours. The study of surficial processes and the landforms they produce. Analysis of the hydrologic cycle, emphasizing groundwater flow and its interrelationships with surface water. Laboratory involves analysis of landforms using maps, aerial photographs and satellite imagery; measurements of geomorphic processes; aquifers and surface flow will be analyzed using well data, resistivity equipment, current meter, etc. 4 day field trip. Prerequisite: Geological Science 105 or Biological Science 120 or 121. 3 lecture periods and 1 laboratory period. Offered in alternate years.

44-312 — Geology of Illinois. 3 hours. A study of the landscape, structure, mineral and water resources, environmental problems and hazards, rocks, minerals, fossils and geologic history of Illinois. Short field trips. No prerequisites. Offered in alternate years.

44-351 — Planetarium Operations. 2 hours. A "hands-on" experience in planetarium operations. Includes application of astronomical concepts, program development, planetarium techniques, and the use of other astronomical tools. The planetarium will be used extensively, as well as the observatory. Prerequisite: Geological Science 130.

44-353 — Mineralogy and Optical Crystallography. 4 hours. The earth's minerals, their origin, crystal structures, crystal optics, physical and chemical properties, and economic significance. Laboratory uses crystal models, stereographic projections, goniometers, X-ray single crystal and powder diffraction cameras, and physical and chemical methods to identify minerals, with special emphasis on the petrographic microscope, studying mineral grains and thin sections. Prerequisite: Chemistry 104 or Physics 202; Math 131 or equivalent. 2 lecture periods and 2 laboratory periods. Offered in alternate years.
44-355 — Petrology and Geochemistry. 4 hours. The chemical, mineralogical and textural properties of igneous and metamorphic rocks; their field occurrences and relationships to tectonic processes; their origin and diversity in terms of chemical equilibria. Problem-solving emphasizes quantitative geochemistry of igneous, metamorphic and sedimentary processes. Laboratory emphasizes description, classification and interpretation of hand specimens and thin sections, with supplementary X-ray powder diffractometry data. 4 day field trip. Prerequisite: Geological Science 353. 2 lecture periods and 2 laboratory periods. Offered in alternate years.

44-363 — Sedimentology and Sedimentary Petrology. 4 hours. The composition, textures and structures of sedimentary rocks; processes which form these features; facies relationships, basin analysis and tectonic frameworks. Laboratory includes sieve analysis, study of thin sections, use of the X-ray diffractometer and study of sedimentary features. 4 day field trip. Prerequisite: Geological Science 105. 3 lecture periods and 1 laboratory period. Offered in alternate years.

44-366 — Structural Geology and Field Methods. 4 hours. The nature and origin of the earth's deformed rocks considered at scales ranging from atomic to global. Plate tectonics and regional geology, especially of North America. The structure and origin of the earth's deep interior. Laboratory emphasizes solving structural problems, interpreting geologic history, geologic mapping using aerial photographs, etc., and field mapping of igneous and sedimentary rocks involving instruments, drafting techniques, and writing geologic reports. 4 day field trip. Prerequisite: Geological Science 105. Trigonometry is recommended. 3 lecture periods and 1 laboratory or field period. Offered in alternate years.

44-388 — Geophysics. 3 hours. An introduction to the physics used to interpret the interior of the earth. Emphasis is on principles, methods and tools used in the areas of seismology, gravity, magnetism, heat flow and electrical properties as they relate to the geophysical character of the earth. Co-requisites: Physics 202 and Mathematics 148. 2 lecture periods and 1 laboratory period. Offered in alternate years.

44-390 — Seminar. 1 hour. Special topics of current interest in the geological sciences. Prerequisite: 7 hours of Geological Sciences. Offered in alternate years.

44-492 — Research. 1-3 hours. Detailed study of an area of the student's interest, involving library, laboratory and/or field work. Paper required. Prerequisite: Senior standing and 15 hours of Geological Sciences.

44-520 — Oceanography. 3 hours. The form, structure and history of ocean basins; movements, composition and origin of the sea; origin and distribution of sediments and life in the oceans; oceanographic methods. No prerequisite. 3 lecture periods. Offered in alternate years.

Mathematics and Computer Science — 45

DAVID T. ATKINSON (1970)
Professor of Mathematics; Chairman of Department
B.S., 1964, Eastern Nazarene College
M.A., 1967, Boston University
Ph.D., 1975, University of Illinois

KEITH O'DELL (1981)
Assistant Professor of Mathematics and Computer Science
B.S., 1960, M.A., 1962, Central Michigan University
University of Nebraska

LARRY D. VAUL (1981)
Assistant Professor of Mathematics and Computer Science
B.A., 1978, Olivet Nazarene University
M.S., 1985 University of Illinois

JOHN B. WILLIAMS (1979)
Associate Professor of Mathematics
B.A., 1971, Olivet Nazarene University
M.S., 1973, Purdue University
University of Illinois

The objectives of the Department of Mathematics and Computer Science are: (a) to provide preparation in mathematics or computer science for graduate study, teaching, and use in business and industry; (b) to provide understanding of the historical development, deductive nature, and contemporary progress of mathematics and computer science; and (c) to provide appreciation for the cultural value, logical structure, and diverse applications of mathematics and computer science.

The university computer center in the Benner Library is equipped with an IBM 4361 mainframe computer having 4 megabytes of memory and a 750 megabyte disk. In addition, the center has an AT&T 3B2/400 mini-computer having 2 mega-
bytes of memory and a 144 megabyte disk. There are 26 terminals, which are also personal computers, connected to both the IBM and AT&T computers. There are two high-speed printers attached to this system. Five of the terminals have enhanced graphics. The center also has a six-color plotter.

The center supports the administrative, business and academic functions of the university. The systems serve several departments in addition to computer science, such as physics and chemistry.

The computer center is located in the west wing of the Benner Library and Learning Resource Center.

Core Requirements for all Departmental Majors:

All departmental work applied to a major must be in courses numbered 147 and above, including:

147 — Calculus I
148 — Calculus II
240 — Introduction to Programming
or 250 — Fortran Programming
341 — Statistics
351 — Linear Algebra

Major: 33 Hours. B.A.

Option A: Mathematics

Additional requirements:

361 — Calculus III
459 — Advanced Calculus I
463 — Modern Algebra I
362 — Calculus IV
or 460 — Advanced Calculus II
or 464 — Modern Algebra II

To be supported by a minor of at least 16 hours or a second major.

Option B: Computer Science

At least 18 hours must be in computer science, including:

251 — Cobol Programming
370 — File Management
375 — Information Structures
495 — Research Problems in Computer Science

To be supported by a minor of at least 16 hours or a second major.

Option C: Mathematics Teaching

Additional requirements:

355 — Modern College Geometry
361 — Calculus III
463 — Modern Algebra I
473 — Foundations of Mathematics

The professional education sequence must be completed, including Math 474 — Teaching of Mathematics.

Major: 42 Hours. B.S.

Option A: Mathematics

Additional requirements:

361 — Calculus III
362 — Calculus IV
354 — Numerical Analysis
or 382 — Probability and Mathematical Statistics
459 — Advanced Calculus I
463 — Modern Algebra I
460 — Advanced Calculus II
or 464 — Modern Algebra II

To be supported by 15 hours in one or two areas which emphasize the use of mathematics. At least 9 hours must be upper division and must be approved by the department chairman.

Option B: Computer Science

At least 24 hours must be in computer science, including:

251 — Cobol Programming
370 — File Management
375 — Information Structures
380 — Assembler Language Programming
495 — Research Problems in Computer Science

To be supported by 15 hours in one or two areas which emphasize the use of computers. At least 9 hours must be upper division and must be approved by the department chairman.
Mathematics Minor: 17 hours
147 — Calculus I
148 — Calculus II

Three of the following four:
250 — Fortran
351 — Linear Algebra
361 — Calculus III
Any other upper division Mathematics course.

Computer Science Minor: 18 hours
250 — Fortran Programming
251 — Cobol Programming
370 — File Management
and additional upper division computer science courses.

Mathematics Teaching Minor: 20 hours
147 — Calculus I
148 — Calculus II
351 — Linear Algebra
and additional mathematics above 148.

It is recommended that those electing the mathematics teaching minor check that they satisfy the minimum requirements for mathematics certification in the state where they intend to teach. Also the methods course, 474 Teaching of Mathematics, is recommended and may be required in some states.

Associate of Arts Degree in Computer Science

Required:
Math. 250 — FORTRAN
251 — COBOL
370 — File Management
375 — Information Structures
Two additional courses in Computer Science

To be supported by:
Math 131 — Algebra and Trigonometry
or 147 — Calculus I
Accounting 105, 106

Typical Courses for Students Majoring in This Department
Mathematics Major
Freshman Year
Calculus I and II
Pascal or Fortran Programming
Freshman Composition
Old and New Testament Survey
Sociology or Psychology
Physical Education

Sophomore Year
Calculus III and IV
Linear Algebra
Differential Equations
Computer Science Elective
Introduction to Fine Arts
General Physics I and II

Computer Science Major
Freshman Year
Pascal Programming
Cobol or Fortran Programming
Algebra and Trigonometry or Calculus
Freshman Composition
Old and New Testament Survey
Physical Education

Sophomore Year
Information Structures
File Management
Assembler Programming
Systems Analysis
Sociology or Psychology
Introduction to Fine Arts
Laboratory Science

Mathematics Courses

45-101 — Mathematics for General Education. 3 hours. An introduction to basic mathematics and the calculator. Students are required to have a scientific calculator with an algebraic operating system and are taught basic algebraic notation via the calculator. Applications include the Pythagorean theorem, scientific notation, summation notation, basic statistical measures, arithmetic and geometric sequences, financial and loan problems, and the graphing of equations. Elementary applications of logarithms, exponential functions, and trigonometric functions are also considered.

45-105 — Intermediate Algebra. 3 hours. The study of polynomials; factoring; simplifying of fractional, exponential and radical expressions; linear and quadratic equations; word problems; functions and their graphs; and systems of equa-
45-111 — Mathematics for Elementary Teachers I. 3 hours. Set notation and operations, number systems and other bases. Special attention is given to whole numbers, integers, rational numbers, and real numbers. Properties of the fundamental operations of arithmetic are studied.

45-112 — Mathematics for Elementary Teachers II. 3 hours. A continuation of Math. 111. Topics studied will include geometry (shapes, congruence, relationships, constructions, Pythagorean theorem, symmetries, etc.), measurement (linear, area, volume, angles), elementary probability and statistics. Prerequisites: Math. 111 or consent of the instructor.

45-117 — Finite Mathematics with Business Applications. 3 hours. An introduction to finite mathematics with applications in business and management areas. Constructing and using linear models; matrices; solving linear systems of equations; linear programming; mathematics of finance; probability. Prerequisite: an ACT Mathematics score of 15 or above, or Math. 101 or Math 105.

45-131 — Algebra and Trigonometry. 4 hours. Binomial expansion, inequalities, induction proofs, complex numbers, function notation, logarithms, and basic combinatorics; trigonometric functions, graphs, identities and equations; laws of sines and cosines, DeMoivre's Theorem. Prerequisites: 3 years of high school mathematics, or Mathematics 105, or equivalent.

45-132 — Trigonometry. 2 hours. Trigonometric functions, graphs, identities, solving trigonometric equations, laws of sines and cosines, and DeMoivre's theorem. Prerequisite: 3-1/2 years of high school mathematics or a course in college algebra. Math. 131 and 132 cannot both be taken for credit. Math 132 is the last half of course 131.

45-147 — Calculus I. 4 hours. An introduction to the calculus of one variable with associated analytic geometry. A review of selected topics from algebra; limits; continuity; derivatives and applications; indefinite integration with applications; the definite integral and the fundamental theorem of calculus. Prerequisite: 4 years of high school mathematics or Math. 131, and consent of the instructor.

45-148 — Calculus II. 4 hours. A continuation of Math 147. Applications of the definite integral; elementary transcendental functions, including their derivatives and integrals; techniques of integration; polar coordinates; hyperbolic functions; conics; L'Hopital's rule; improper integrals; and Taylor's formula. Prerequisite: Math 147 and consent of the instructor.

45-341 — Statistics. 4 hours. An introductory course in statistics with applications from a variety of disciplines including education, psychology and sociology. Topics include descriptive statistics, probability, expected value, sampling distributions, estimation, hypotheses testing of means and proportions (one and two sample cases), regression, correlation, chi-square, nonparametric statistics, and an introduction to analysis of variance and Latin square designs. Students taking this course for mathematics credit will be assigned additional work, particularly in probability. Prerequisite: The general education requirement in mathematics must be completed before taking statistics.

45-351 — Linear Algebra. 3 hours. This course covers the fundamentals of linear algebra, including systems of linear equations, matrices, determinants, vectors and vector spaces (linear independence, basis, dimension, inner product spaces, orthonormal bases), linear transformations, eigenvalues and eigenvectors. Prerequisite: Math 148.

45-354 — Numerical Analysis. 3 hours. The field of numerical analysis deals with mathematical theory which leads to algorithms for solving various types of applied problems. The algorithms are generally highly computational and require a calculator and/or a computer for their execution. Topics include partial summing of infinite series, solution of non-linear equations, systems of non-linear and linear equations, numerical integration and differentiation, and the numerical solution of differential equations. Prerequisites: Math 250, 351, and 361. Offered every third year.

45-355 — Modern College Geometry. 3 hours. A study of Euclidean Geometry with Hilbert's axioms and projective geometry including duality, harmonic sequences, transformations, and analytic projective geometry. Corequisite: Math 351. Offered every third year.

45-357 — Differential Equations. 3 hours. An introduction to differential equations with an emphasis on solving differential equations. Topics include first order equations, linear differential equations, inverse differential operators, the LaPlace transform, nonlinear equations, and power series solutions. Prerequisite: Math 361.


45-362 — Calculus IV (Vector Analysis). 3 hours. The calculus of vector functions, line and surface integrals, theorems of Green, Gauss, and
Mathematics

45-382 — Probability and Mathematical Statistics. 3 hours. Continuous probability spaces, density and distribution functions, random variables, expectations, variance, independence, conditional distributions, random sampling, law of large numbers, estimation of parameters, central limit theorem, hypothesis testing, moment generating functions regression. Prerequisites: Math 341 and 361. Offered every third year.

45-459 — Advanced Calculus I. 3 hours. A careful study of functions from $\mathbb{R}^n$ to $\mathbb{R}^m$. Topology of $\mathbb{R}^n$, continuity and uniform continuity, mean value theorems, Taylor's Theorem, integration, convergence and uniform convergence, power series, improper integrals. Prerequisite: Math 362.

45-460 — Advanced Calculus II. 3 hours. A continuation of Math 459. Linear transformations, total differential, differentiation, implicit function theorems, application of differentiation to geometry and analysis, differential forms, vector analysis, line and surface integrals, Theorems of Green, Gauss and Stokes. Prerequisite: Math 459. Offered in alternate years.

45-463 — Modern Algebra I. 3 hours. A study of fundamental structures of algebra, including groups, rings, integral domains, fields vector spaces and modules, substructures, homomorphisms, image structures, quotient structures and product structures. Finitely generated abelian groups, solvable groups, Jordan-Holder theorem, Sylow theory, polynomial rings, unique factorization domains, Euclidean domains, extension fields, finite fields, algebraic closure and constructible numbers. Corequisite: Math 351. Offered in alternate years.


45-473 — Foundations of Mathematics. 3 hours. A consideration of the origin, history, literature and nature of mathematics. Possible topics include Euclid's Elements, development of non-Euclidean geometry, Hilbert's postulates for geometry, algebraic structure, the modern mathematical method, number systems, sets, logic and philosophy. Prerequisite: Math 351.

45-474 — The Teaching of Mathematics. 3 hours. A consideration of the problems, materials and methods involved in contemporary mathematics teaching. Implications of current developments and trends in mathematics for the teacher. Prerequisite: Math 473. (Applies only on a teaching major or a teaching minor.) Includes a 45-hour practicum in a public school setting.

45-491 — Topics in Mathematics or Computer Science. Selected topics in mathematics to provide opportunity for individual attention to areas of special interest. Prerequisite: Consent of the instructor. Hours to be arranged.

45-561 — Statistics. 4 hours. This course is the same as Education and Mathematics 341. In addition to the computational problems assigned, graduate students will do some readings from educational journals. Some additional problems, particularly in probability, will be assigned to those taking the course for mathematics credit.

Computer Science Courses

45-125 — Concepts of Computer Science. 3 hours. Basic concepts of computer mathematics, problem analysis and flowcharting techniques, essential concepts concerning computer hardware and software, student programming using the BASIC programming language. Problems span scientific and business type applications. This course does not count toward a computer science major or minor.

45-240 — Introduction to Programming for Computer Sciences. 3 hours. A first course for computer science majors and minors. Emphasizes structured programming techniques using the Pascal programming language. Features of Pascal will be studied including: I/O, data types, arithmetic and logical expressions, and control flow. Problems will be related to computer and information science topics.

45-250 — Fortran Programming. 3 hours. Writing, debugging and testing of Fortran programs. A study of Fortran statements including I/O, data types, arithmetic and logical expressions, and control flow. Problems will be related to computer and information science topics.

45-251 — Cobol Programming. 3 hours. Presents the fundamentals of the ANSI Cobol language. Emphasis is placed on design, writing, debugging and testing of programs that store and process data using basic computer file concepts.

45-370 — File Management. 3 hours. Utilization of advanced COBOL concepts for file management, consideration of various general-purpose file management and data base manage-
ment systems and their usage. Problems for business applications using various indexed-sequential, random and indexed-random organizations. Prerequisite: CS 375.

45-375 — Information Structures. 3 hours. Concepts of various data and file structures to include indexed-sequential techniques, random organization, indexed-random, integrated and directoryed files. Applications of basic stack queue, array, vector, list, string, graph, tree, and ring mechanisms. Techniques of table-lookup and sorting algorithms. Prerequisite: CS 240.

45-380 — Assembler Language Programming. 3 hours. Includes subroutines, overlays, linkages, indexing, indirect addressing, and machine language organization. Application of various assembler language algorithms. Prerequisite: CS 240.

45-385 — Computer Simulation and Statistical Techniques. 3 hours. Concepts of computer modeling and simulation of scientific and business applications. Application of continuous and discrete probabilities such as uniform, normal, Poisson, and chi-square distributions. Usage of various statistical subroutines and simulation languages will be studied. Prerequisites: CS 250, 341. Offered in alternate years.

45-390 — Systems Analysis and Design. 3 hours. Includes the latest techniques in structured design and implementation of data base management systems in the fields of business and industry. The designs serve to integrate the structures and file techniques of courses 370 and 375 into large data base systems.

45-395 — Data Communication. 3 hours. A study of the development of various types of hardware and software protocols used in communication networks. Consideration of the impact of data communication in relation to networking and distributed processing. Prerequisite: 6 hours of Computer Science. Offered in alternate years.

45-440 — Computer Hardware Architecture and Design. 3 hours. Consideration of the functional design of the basic mainframe and peripheral hardware components of a computer system. Specific interest in the interrelation of the hardware and the operating system software, such as I/O, interrupt handling and job flow. Prerequisite: CS 380 or consent of the instructor.

45-450 — Theory of Compilers and Assemblers. 3 hours. Study of the components and design of a basic assembler and a typical compiler. Consideration of the interaction of compilation and assembly. Particular attention will be given to the various solutions to assembler/compiler problems. Students will be required to prepare working portions of an assembler and/or compiler. Prerequisite: CS 380. Offered in alternate years.

45-455 — Operating Systems. 3 hours. Consideration of the primary modules of an operating system including bootstrap, absolute and relocatable loaders, debug facilities, I/O subsystems and utilities. Study of system job flow, scheduling, resource management and allocation, system spooling, and performance monitoring. Prerequisite: CS 450. Offered in alternate years.

45-495 — Research Problems in Computer Science. 1 to 3 hours. Students will be required to define a "real-world" computer application problem and follow it through to a workable solution. The student will be assigned a faculty adviser for the project. This project may be pursued within the various departments of the college or in cooperation with local business or industry. Periodic progress reports will be required at prearranged phase points of the project. Prerequisite: consent of the faculty adviser monitoring the project.

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**Physics — 46**

Ivor Gilbert Newsham (1972)  
Professor of Physics,  
Chairman of the Department  
Vice President for Academic Affairs  
B.A., 1968, Northwest Nazarene College  
Ph.D., 1972, Washington State University

The Department of Physics aims to help students to:

1. Develop habits of constructive, critical thinking and effectiveness in oral and written communication.
2. Develop an understanding of the nature of science and its relationship to the Christian life.
3. Relate both their faith and their understanding of science to contemporary scientific and technological problems.
4. Acquire an understanding of facts, methods, and concepts in physics and engineering.
5. Describe physical phenomena in mathematical terms and use the mathematical description to predict physical results.
6. Be prepared for graduate study or professional practice in the field of physics;
or Acquire a general background in physics for entering the fields of teaching, engineering, the medical profession, or other related science areas.

Olivet graduates in physics and engineering have attended graduate schools in physics, mathematics, medicine and engineering. Some have become high school teachers. Others have taken a variety of technical jobs in industry and government.

The emphasis in all the physics and engineering programs at Olivet is on a strong, broad mathematical and science base. This provides students with the ability to adapt readily to technological change since, in general, the science and mathematics change slower than the technology. Many companies require new employees to have a broad liberal arts education along with a strong mathematics and science background.

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**Physics Major: 32 hours. B.A.**

*Required:*

Physics 201 — General Physics I  
202 — General Physics II  
311 — Electronics I  
331 — Classical Mechanics I  
341 — Modern Physics I  
361 — Electricity and Magnetism  
480 — Seminar in Physics  
9 additional hours of upper division Physics  

*To be supported by:*

Chem. 103 — General Chemistry I  
104 — General Chemistry II  
Math 147, 148 — Calculus I and II  
250 — Fortran Programming  
361 — Calculus III  
362 — Calculus IV  
6 additional hours of upper division Mathematics  

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**Engineering Physics Major: 44 hours. B.S.**

*Required:*

Physics 107 — Engineering Graphics  
201 — General Physics I  
202 — General Physics II  
311 — Electronics I  
312 — Electronics II  
331 — Classical Mechanics I  
332 — Classical Mechanics II  
341 — Modern Physics I  
361 — Electricity and Magnetism  
480 — Seminar in Physics  
493 — Research in Physics (3 hours)  
9 additional hours of upper division Physics  

*To be supported by:*

Chem. 103 — General Chemistry I  
104 — General Chemistry II  
Math 147, 148 — Calculus I and II  
250 — Fortran Programming  
361 — Calculus III  
362 — Calculus IV  
6 additional hours of upper division Mathematics  

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**Physics Teaching Major: 32 hours. B.A.**

*Required:*

The same as the regular Physics major, plus the Professional Education Sequence, including N.S. 477 — Teaching of Natural Sciences. Physics 362-Optics is strongly recommended as one of the selected courses.

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**Physics Teaching Minor: 24 hours**

*Required:*

Physics 201 — General Physics I  
202 — General Physics II  
311 — Electronics I  
477 — Teaching of Natural Sciences  
8 additional hours of upper division Physics  

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**Physics Minor: 19 hours**

*Required:*

Physics 201 — General Physics I  
202 — General Physics II  
311 — Electronics I  
6 additional hours of upper division Physics  

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**Physics Mathematics:**

A foreign language is required in meeting the General Education Requirements. German is recommended.
Engineering 143

Typical Classes for a Physics Major

**Freshman Year**

Engineering Graphics
General Chemistry I and II
Calculus I and II
Old and New Testament Survey
Freshman Composition
Physical Education

**Sophomore Year**

General Physics I and II
Fortran Programming
Christian Doctrine
Introduction to Fine Arts
Literature or Social Science

Courses

46-107 — Engineering Graphics. 3 hours. Use of instruments; geometric construction; lettering; orthogonal projection; sketching; isometric and oblique projections; inking, tracing and blueprinting; dimensioning; sectioning. Lecture and laboratory. Offered in alternate years.

46-121 — College Physics I. 4 hours. Mechanics, Sound, Fluids, Thermodynamics. A non-calculus course for Life Scientists and General Education. Emphasis is on Life Science applications. 3 lecture periods and 2 laboratory hours per week. Prerequisite: Math 131 — Algebra and Trigonometry or its equivalent.

46-122 — College Physics II. 4 hours. Continuation of Physics 121. Electricity, Magnetism, Optics, Atomic and Nuclear Physics. Prerequisite: Physics 121.

46-201 — General Physics I. 5 hours. Mechanics, Fluids, Waves, Sound Thermodynamics. A calculus based course for physical scientists and engineers. 3 lecture periods and 4 laboratory hours per week. Corequisite: Math 147 (Calculus I) or equivalent.


46-311 — Electronics I. 3 hours. An introduction to electronics and instrumentation dealing with the principles and application of electrical circuit theory, transducers, diodes, transistors, and amplifier circuits. Prerequisite: Physics 202. Two 2½ hour lecture-laboratory periods per week. Offered in alternate years.

46-312 — Electronics II. 3 hours. A continuation of Physics 311 dealing with operational amplifiers, waveform generators, digital basics and circuitry, and microcomputer applications. Prerequisite: Physics 311. Offered in alternate years.

46-331 — Classical Mechanics I. 3 hours. Dynamics of particles and of rigid bodies, work and energy, momentum, harmonic motion, moments of inertia, and central force motion are among the topics covered. 3 hours lecture per week. Prerequisite: Physics 202. Offered in alternate years.

46-332 — Classical Mechanics II. 3 hours. A continuation of the study of mechanics dealing with Lagrangian and Hamiltonian mechanics, non-inertial reference systems, inertia tensors, rotation of rigid bodies, and oscillating systems. Prerequisite: Physics 331. Offered in alternate years.

46-341 — Modern Physics I. 3 hours. The foundation of atomic physics and an introduction to quantum theory and special relativity. 3 lecture periods per week. Prerequisite: Physics 202. Offered in alternate years.

46-342 — Modern Physics II. 3 hours. A continuation of Physics 341 dealing with molecules, solids, nuclear and high energy physics. 3 lecture periods per week. Prerequisite: Physics 341. Offered in alternate years.

46-361 — Electricity and Magnetism. 3 hours. A study of the laws of electrostatics, magnetism, electric and magnetic fields, and Maxwell’s equations. Special emphasis is given to the theoretical aspects of the subject. Prerequisite: Physics 202, Math 362. 3 lecture periods per week. Offered in alternate years.

46-362 — Optics. 3 hours. Geometric, wave, physical, quantum and applied optics. 2 hours lecture, 2 hours laboratory per week. Prerequisite: Physics 361. Offered in alternate years.

46-388 — Geophysics. 3 hours. (Same as Geological Science 388.)

46-460-470 — Advanced Topics in Physics. 3 hours. Three hour courses to be offered no more than once every two years as advanced topics. For example, 46-460 — Thermodynamics and Statistical Physics: 46-461 — Quantum Mechanics.

46-480 — Seminar in Physics. 0 to 1 hour. A seminar course with papers presented by students. One hour of credit (6 papers) required for graduation. Required attendance for all junior and senior physics majors. Prerequisite: approval of the instructor.

46-493 — Research in Physics. 1 to 3 hours. Participation in a faculty research project in physics consisting of both literature research and laboratory work. Prerequisite: approval of instructor. (Up to 6 hours can be counted towards a major.)
Kelley Prayer Chapel was built in 1980 as a joint project of Olivet students and the school. It is named for a former president of Olivet, the late Dr. Selden D. Kelley.

**Division of Religion and Philosophy**

**Biblical Literature — 51**  
**Philosophy — 52**  
**Christian Education — 53**  
**Theology — 54**

*J. Ottis Sayes, Chairman*

The Division of Religion and Philosophy includes the Departments of Biblical Literature, Philosophy, Christian Education, and Theology. Practical as well as theoretical in scope, this division has certain immediate objectives which relate the specific aims of its departments to the general objectives of the College. Among these are the following: (1) to acquaint the student with the religious, cultural, and scriptural heritage of the Christian faith that he may be led to self-realization through a full commitment to Christ; (2) to help the student, through the various methods of thought, to arrive at the world view in harmony with both reason and revelation; (3) to help the student gain a sense of responsibility for evangelism and to apply Christian principles to the socio-economic and cultural problems of our day; (4) to prepare lay and ministerial students for a life of Christian service in the church and community; and (5) to prepare students for further graduate studies in their chosen fields.
Faculty: Religion and Philosophy

J. OTTIS SAYES (1956)
Professor of Christian Education; Chairman of Division of Religion and Philosophy
Th.B., 1944, Bethany Nazarene College
B.D., 1947, Nazarene Theological Seminary
M.R.E., 1951, D.R.E., 1955, Southwestern Baptist Theological Seminary

GROVER BROOKS (1974)
Special Lecturer in Biblical Literature

WILLIAM W. DEAN (1972)
Professor of Religion
B.A., 1950, Bethel College
M.Div., 1952, Asbury Theological Seminary
Ph.D., 1965, University of Iowa

C. WILLIAM ELLWANGER (1977)
Associate Professor of Theology
Th.B., 1945, Olivet Nazarene University
B.D., 1948, Nazarene Theological Seminary
Trinity Evangelical Divinity School

KENNETH HENDRICK (1974)
Professor of Biblical Literature
B.A., 1959, Olivet Nazarene University
M.Div., 1962, Nazarene Theological Seminary
Th.M., 1969; D.Min., 1975, Midwestern Baptist Seminary

GEORGE LYONS (1977)
Professor of Biblical Literature
B.A., 1970, Olivet Nazarene University
M.Div., 1973, Nazarene Theological Seminary
Ph.D., 1982, Emory University

LESLIE PARROTT (1975)
President of the College; Professor of Theology
Th.B., 1944, Olivet Nazarene University
M.A., 1948, Willamette University
Ph.D., 1958, Michigan State University
Post-Doctoral Certificate, 1974, Harvard University

LARRY REINHART (1979)
Assistant Professor of Religion
B.A., 1962, Olivet Nazarene University
M.Div., 1979, Nazarene Theological Seminary

M.A., 1969, Olivet Nazarene University
M.A., 1983, Governor's State University
Trinity Evangelical Divinity School

ROBERT D. SMITH (1982)
Associate Professor of Theology
B.A., 1974; M.A., 1975, Bethany Nazarene College
M.Div., 1977, Nazarene Theological Seminary
Ph.D., 1981, Baylor University

WILLIAM WOODRUFF (1968)
Associate Professor of Biblical Literature
B.A., 1954, Ottawa University
M.Div., 1958, Fuller Theological Seminary
Concordia Seminary

Dickerson Chair of Evangelism

In order to highlight the importance of evangelism in the work of the Church of the Nazarene, Harry and Zylphia Dickerson, alumni of Olivet, have established a Chair of Evangelism.

Religion Major: 39 hours. B.A.

Required:
Theology 116 — Fundamentals of Christian Ministry
351 — History of Christianity
353, 354 — Systematic Theology
452 — Church Administration
455 — Homiletics
462 — Evangelical Perfection
470 — Evangelism and Missions
494 — Pastoral Care
496 — Field Training and Service
571 — History and Polity of the Church of the Nazarene

Supporting Courses: Philosophy, 8 hours; Christian Education 3 hours; Social Science, 6 hours, History, 6 hours; Psychology 3 hours;
Speech 104 — Parliamentary Law and 3 additional hours of speech.
Music 377 — Music in Worship
Biblical Literature: 5-6 hours of upper division Old Testament, including at least 3 hours in the major or minor prophets.
Biblical Literature: 5-6 hours of upper division New Testament in either Greek or English.

Hours in New Testament Greek Exegesis required to complete the Intercultural Understanding requirement in General Education (Group V) may not be counted toward fulfilling the requirement for New Testament Biblical Literature in the Religion major.

Theology Major: 42 hours. Bachelor of Theology.

Required:
Same as the Bachelor of Arts in Religion, except for the language requirement of General Education courses, Group V in Intercultural Understanding. The student may select 6 hours of courses in International Relations, Foreign Culture, Ethnic or Cross-cultural Interaction instead of the 10 hours of language.

Religion and Philosophy Major: 32 hours. B.A.

Required:
Theology 351 — History of Christianity
353, 354 — Systematic Theology
462 — Evangelical Perfection
Phil. 141 — Beginning Philosophical Systems
351 — Ancient and Medieval Philosophy
352 — History of Modern Philosophy
Ten additional hours of philosophy.

Religion Minor: 16 hours

Required: Theology 351, 3 hours of upper division Biblical Literature, with additional courses to be approved by the Chairman of the Division.

Course of Study for Ministers

Degree candidates are advised that the Manual, Church of the Nazarene, states the following minimum requirements for graduation from the Course of Study of ministers:

Biblical Literature — 12 hours
Theology — 12 hours, including one semester of Doctrine of Holiness
Homiletics, Practice, and Religious Education — 12 hours, including some credit in each of these fields
Church History — 8 hours, including one course in the History and Polity of the Church of the Nazarene with emphasis on the Manual.
Evangelism and Missions — 4 hours
English, Literature and Speech, 12 hours
Philosophy and Psychology — 8 hours, including some credit in each
History and Social Science — 8 hours.
This includes all History courses other than Church History. Social Science includes Sociology, Economics and Political Science.
Science — 4 hours. This would include any physical or natural science such as Biology, Chemistry, Physics, etc.

Total of 80 semester hours

Typical Program for Students Majoring in the Division of Religion and Philosophy

Freshman Year
Fundamentals of Christian Ministry
Introduction to Old and New Testament
Introduction to Philosophy
Freshman Composition
Christian Education
Physical Education

Sophomore Year
Christian Doctrine
Fundamentals of Speech
Introduction to Fine Arts
Logic: Rules of Correct Thinking
History or Sociology

Biblical Literature — 51

The aims of this Department are: (a) to lead students into an intelligent appreciation of the Bible as the foundation of our Christian faith and as an important factor in our civilization; (b) to give students a basic understanding of the organization and content of our English Bible, and to acquaint them with the principal persons and events involved in Biblical history; (c) to train students in a sound interpretation of the Bible, and to help them to make practical applications to Christian doctrine, experience, and life; and (d) to acquaint
students, especially those who are preparing for the ministry, with the origin and literary history of the Bible and with some of the more important problems of Bible study.

**Biblical Literature Major: 28 hours. B.A.**

**Required:** 28 hours upper division Biblical Literature, including 9 hours of New Testament Greek exegesis, and at least 9 hours in the Old Testament.

**To be supported by:** Systematic Theology 353, 354; Philosophy, 8 hours; Literature, 6 hours; History, 6 hours. One supporting course must deal with the ancient and medieval period.

**At least two elective courses from:** Christian Education, Church History 351, Church Administration 452, Homiletics 455, Theology 462 — Evangelical Perfection, History and Polity of the Church of the Nazarene 571.

**Biblical Literature Minor: 16 hours**

**Required:** Courses approved by the Department Chairman to include at least 12 hours in upper division work.

**Courses**

**51-101 — Old Testament Survey. 3 hours.** The General Education course designed to survey the background and contents of the books of the Old Testament in English translation. Attention is given to significant persons, events and major teachings.

**51-102 — New Testament Survey. 3 hours.** A General Education course designed to explore the background and contents of the books of the New Testament in English translation. Attention is given to significant persons, events and major teachings.

**51-133 — Elementary Koine Greek, Level I (a). 4 hours.** Same as Greek 133.

**51-134 — Elementary Koine Greek, Level I (b). 3 hours.** Same as Greek 134.

**51-231 — Intermediate Koine Greek, Level I (c). 3 hours.** Same as Greek 231.

**51-334, 335, 336, 337 — New Testament Greek Exegesis. 3 hours.** Grammar review and attention to the principles of sound exegesis of the Greek New Testament. Prerequisites: satisfactory completion of Greek 133 and 134, or 231. Course 334 deals with Romans and Galatians; 335 deals with Ephesians, Luke, Hebrews and Revelation; 336 deals with I and II Corinthians; 337 deals with Matthew, Acts, the Pastoral Epistles and James. These courses are offered in sequence in alternate years, one each semester.


**51-365 — Hebrews and General Epistles. 2 hours.** An exegetical study of Hebrews and the General Epistles (James, 1 and 2 Peter and Jude) in English translation.

**51-379 — Old Testament Prophets I. 3 hours.** A study of the background, contents and teachings of Hosea, Amos, Isaiah, Micah, Jonah, Obadiah.


**51-467 — Pauline Epistles I. 3 hours.** An exegetical study of Romans, 1 and 2 Thessalonians, Colossians, Philemon and the Pastoral Epistles with the background provided in Acts.

**51-468 — Pauline Epistles II. 3 hours.** An exegetical study of Galatians, 1 and 2 Corinthians, Ephesians and Philippians with the background provided in Acts.

**Courses in the 500 series are open to qualified seniors and graduate students.**

**51-571 — Pentateuch. 3 hours.** A study of the historical background and the development of the Hebrew people as found in Genesis, Exodus, Leviticus, Numbers and Deuteronomy.

**51-573 — Synoptic Gospels. 3 hours.** A study of the life and teachings of Jesus based on a comparative examination of the first three Gospels in English translation. Attention is given to the particular perspective and distinctive features of Matthew, Mark and Luke.

**51-574 — Johannine Literature. 3 hours.** An exegetical study of the Gospel and Epistles of John and the Revelation in English translation.

**51-575 — Old Testament Historical Books. 3 hours.** An exegetical study of the history of Israel from the conquest through the post-exilic period as reflected in the books of Joshua, Judges, 1 and 2 Samuel, 1 and 2 Kings, 1 and 2 Chronicles, Ezra, Nehemiah and Esther.

**51-600-699 — Graduate Level Courses.** Open to some seniors. See the Director of Graduate Studies in Religion.
Philosophy — 52

The objectives of the Department of Philosophy are:
1. To aid the student in developing and formulating a workable philosophy of life.
2. To aid the student in understanding the nature, methods, and value of philosophy.
3. To help the student in his search for reality, truth, and value.
4. To teach the student how to think cogently and soundly.
5. To cultivate in the student the facility of clear and perceptive language usage, both written and oral.
6. To provide for each student philosophical background and tools necessary for further study — for graduate work in philosophy, teaching, seminary, and active ministry.
7. To acquaint each student with the ideas of great historical thinkers in the world.
8. To provide for the student a world view which makes Christianity and "doing Philosophy" compatible.
9. To engender in each student a spirit of philosophy which is not only analytic and critical, but also creative and open-ended.
10. To guide the student to a level of maximum concreteness about all available human experience.
11. To unfold for each student the philosophical meaning of "Education with a Christian Purpose."

Philosophy Major: 26 hours. B.A.

Required:
Philosophy 141 — Beginning Philosophical Systems

241 — Logic
or 242 — Ethics
351 — Ancient and Medieval Philosophy
or 352 — History of Modern Philosophy
371 — History of 20th Century Philosophy
or 481 — Philosophy of Religion
491 — Epistemology
492 — Metaphysics

Nine additional upper division hours approved by the Department Chairman.

To be supported by:
History, 6 hours
Psych. 101 — Introduction to Psychology
Sociology 121 — Introductory Sociology
Upper division Theology, 6 hours (preferably Church History)

Philosophy Minor: 14 hours

Required:
Phil. 141 — Beginning Philosophical Systems

241 — Logic
or 242 — Ethics
351 — Ancient and Medieval Philosophy
or 352 — History of Modern Philosophy

Six additional upper division hours approved by the Department Chairman.

Courses

52-141 — Beginning Philosophical Systems. 2 hours. A systematic inquiry into the fundamental philosophical ideologies of ancient, medieval, modern, and contemporary periods. A deliberate attempt is made to establish a firm and secure ground for further studies in philosophy.

52-241 — Logic: Rules of Correct Thinking. 3 hours. An analysis of the logical use of traditional and symbolic language, its function, form, misuses, and significance, especially in connection with the deductive and inductive forms of reasoning.

52-242 — Ethics: What Ought I to Do? 3 hours. A theoretical study of the value principles by which men live; and investigation of the theories offered historically to such questions as "What ought man to do?" and "What is the good life?"

52-243 — Aesthetics: What is Beauty and Art? 2 hours. A philosophical and scientific study of (a) works of art, (b) the processes of experiencing art, and (c) certain aspects of nature and human production outside the field of art especially in connection with the concept of the "beautiful" in form and sensory qualities.

52-245 — Philosophy of Science. 2 hours. A systematic investigation of the nature of science, its methods, presuppositions, logical structure and symbolic systems, its relations to value studies and historical context, and its empirical, rational, and pragmatic basis.

52-351 — History of Ancient and Medieval Philosophy. 3 hours. An historical survey of the
principle ideas of the Greek philosophers, especially Plato and Aristotle, and the Medieval Philosophers, especially Augustine and Aquinas. Prerequisite: 2 hours, or with instructor’s consent. Recommended for Religion majors.

52-352 — History of Modern Philosophy. 3 hours. An historical survey of the principle ideas of the philosophers of the Renaissance, Continental Rationalism, British Empiricism, and the Nineteenth Century period of Ideology, with special emphasis given to Descartes, Locke, Hume, Kant, Hegel, and Schopenhauer. Prerequisite: 2 hours or with instructor’s consent.

52-355 — History of Eastern Philosophy. 3 hours. An historical survey of the principle ideas of ancient Indian, Chinese, and Jewish philosophy together with a development of more recent emphases on eastern thinking in Western civilization. Prerequisite: 2 hours of philosophy or with instructor’s consent.

52-371 — History of Twentieth-Century Philosophy. 3 hours. An historical survey of the principle ideas of pragmatism, idealism, logical positivism, phenomenology, Existentialism, and language analysis, prior to 1970. Prerequisite: 2 hours of philosophy or with instructor’s consent.

52-481 — Philosophy of Religion. 3 hours. An investigation and analysis of religious consciousness, the theories it has evolved and their development and historic relationships in the cultural complex. Direct attention is given to problem of God’s existence, human destiny, revelation and faith, miracles, verification-falsification issue, religious language, and religious experience. Prerequisite: 52-141, 52-351, 52-352, or with instructor’s consent. Recommended for Religion majors.

52-490 — Seminar in Philosophy. 1 to 4 hours. A specialized analysis of a philosopher, a philosophical movement or problem involving individualized research and philosophical dialogue; recommended to students of exceptional philosophical ability and background. Prerequisite: 52-141, 6 hours of history of philosophy, plus recommendation of Chairman of Philosophy Department.

52-491 — Epistemology: What are the Limits of Knowledge? 3 hours. A consideration and analysis of the origin, structure, methods, nature, and extent of knowledge in relation to its allied disciplines, viz., metaphysics, logic, and psychology. Prerequisite: 52-141, plus 8 hours of philosophy.

52-492 — Metaphysics: What is the Nature of Being qua Being? 3 hours. An analysis of the nature of Being, the world, natural psychology, and natural theology with special attention given to more highly sophisticated theories of metaphysics. Prerequisite: 52-141, plus 8 hours of philosophy.

Christian Education — 53

The opportunities of service for volunteer and paid, professional workers in Christian Education are multiplying. The demand for trained personnel is increasing for full-time directors of Christian Education in local churches, week-day school teachers, and age-group directors. In addition, local churches need V.B.S. directors and workers, Sunday school teachers, youth workers, and Caravan workers.

The Department of Christian Education provides training to individuals who feel called to this type of work. Some will be full-time staff persons. Others will supplement their vocational training in this area to increase their Christian service effectiveness.

The Department seeks to (1) acquaint students with the fundamental principles of Christian Education, (2) offer a major for those who plan to devote full time to Christian Education, (3) offer a minor for students who wish to supplement their vocational training with some skills in Christian service, and (4) help majors meet Manual requirements for commission as ministers of Christian Education.

Majors in Christian Education are urged to take courses in music, business, radio, drama, speech, and art to increase their usefulness in the local church. For the minor in Church Music see the Department of Music.

Christian Education Major: 27 hours. B.A. or B.S.

Required:

C.E. 115 — Christian Education
452 — Church School Administration
491, 492 — Supervised Field Work
551 — History and Philosophy of Religious Education
571 — History and Polity of the Church of the Nazarene

Thirteen additional hours of upper division work in Christian Education.

Required supporting courses:

Psy. 101 — Introduction to Psychology
211 — Child Developmental Psychology
Christian Education

or 212 — Adolescent and Adult Developmental Psychology
Speech 101 — Fundamentals of Speech

Strongly recommended supporting courses:
Mus. 276 — Elementary Conducting
Sp. 104 — Parliamentary Law
Eng. 241 — Journalism
Art — 105 — Crafts for Elementary Teachers
or Art 365 — Art Activities for the Elementary School

Christian Education and Church Music, Combination Major. B.A. or B.S.

Required:

Christian Education: 23 hours
115 — Christian Education
301 — Principles and Methods for C.E.
364 — Christian Education of Youth
377 — Music in Worship
452 — Church School Administration
491-492 — Supervised Field Work including some music
551 — History and Philosophy of R.E.
571 — History and Polity of the Church of the Nazarene
Upper division electives — 2 hours

Church Music: 43.5 hours
Music 100, 110, 200 — Music Theory
101 — Careers in Music
111, 201 — Aural Skills
190 — Music Literature
378 — Choral Music and Conducting
379 — Music in the Church Service
391 — Music History and Literature

Voice and Piano — 12 hours, with a minimum of 4 hours of each.
Mus. 183 or 383 — Choral Union (4 semesters)
478 — History of Church Music
480 — Supervised Conducting Practicum
494 — Instrumentation

And 4 hours selected from Instrumental courses: 180 — Percussion, 280 — Strings, 380 — Woodwinds, 381 — Brass.

Piano proficiency is required.

Christian Education/Elementary Education — Combined Major, B.A. or B.S.

The sequence of required and recommended courses for this major are listed in the catalog chapter 7 on Teacher Education as Option D under Elementary Education programs.

Christian Education Minor: 17 hours

Required:
C.E. 115 — Christian Education
452 — Church School Administration
491 or 492 — Supervised Field Work in Christian Education

Ten additional hours of upper division work in Christian Education.

 Majors in Christian Education who plan to seek ordination as an elder or deacon in the Church of the Nazarene are advised to consult with the 1985 Manual and the Department of Pastoral Ministries' Handbook on Ministerial Studies.

Students may combine additional studies required for certification with the fifth year graduate program at Olivet toward the Master of Arts degree with a major in Religion, or continued graduate studies at Nazarene Theological Seminary, Kansas City, Mo. 64131.

Courses

53-115 — Christian Education. 3 hours. A study of the aims, methods, materials and programs of Christian education. Agencies of the local church for educational evangelism and development of Christian character will be considered, including Sunday school, youth groups, mission society, home and extension services, weekday religious instruction, activities in the church and community. The organization and administration of all Christian education in the local church will be considered, including present day problems and trends.

53-299 — Summer Ministries in the Church of the Nazarene. 1-3 hours. This course is designed to prepare the student for practical involvement in the summer ministries program of the Church of the Nazarene. It emphasizes the nature and background of the specific ministries, cross-cultural understanding, personal growth, Biblical understandings, churchmanship, and
special skills appropriate to these respective ministries.

53-301 — Principles and Methods for Christian Education. 3 hours. A study of the principles of educational theory as they relate to the teaching ministries of the church, and a survey of practical teaching methods for use in the local church.

53-363 — Christian Education of Children. 2 hours. A study of the basic principles of child psychology in relation to the needs of the child, materials and methods for children's work in the nursery, beginner, primary and junior departments, and the administration of the church school program for children. Prerequisites: C.E. 115, Psych. 101, 211. Through 53-491 or 53-492 additional credit may be earned by actual involvement in teaching this age group.

53-364 — Christian Education of Youth. 2 hours. A study of adolescent psychology in relation to the nature and needs of young people, materials, methods and programs for youth work in the intermediate, senior and young people's departments, a suggested program of Bible study, evangelism, worship, recreation, and stewardship to win and hold the adolescent group. Prerequisites: C.E. 115, Psych. 101, 212. Through 491 or 492 additional credit may be earned by actual involvement in teaching this age group.

53-365 — Christian Education of Adults. 2 hours. A study of the nature and needs of the adult groups and materials and methods for teaching adults. Special attention is given to planning for the young adult group, missionary, stewardship and other Christian Service Training education in the local church. Prerequisites: Psych. 211 or 212 and C.E. 115. Through 491 or 492 additional credit may be earned by actual involvement in teaching this age group.

53-366 — Contemporary Ministries. 3 hours. A study of various ministries that are currently being used by the church. Such ministries as weekday programs, outreach ministries, camping, social programs, bus ministries, and campus ministries would be dealt with. The course would also be flexible enough to include new ministries as they develop in the life of the church.

53-367 — Materials and Methods for Recreation. 3 hours. Same as Physical Education 367. Prerequisites: C.E. 115, Psych. 101, 211.

53-377 — Music in Worship. 2 hours. Same as Music 377.

53-452 — Church Administration. 3 hours. Same as Theology 452.

53-470 — Evangelism and Missions. 4 hours. Same as Theology 470.

53-494 — Pastoral Care. 3 hours. Same as Theology 494.

53-520 — History and Philosophy of Early Childhood Education. 3 hours. Same as Education 520.

53-526 — Instructional Methods of Early Childhood Curriculum. 3 hours. Same as Education 526.


53-571 — History and Polity of the Church of the Nazarene. 3 hours. Same as Theology 571.
The objectives of the Department of Theology are as follows: (1) to cultivate a fuller appreciation of the doctrines, and institutions of the Christian Church through a more adequate knowledge of their origin, development, and historical importance; (2) to emphasize the Arminian theology as interpreted by John Wesley and reconstructed by subsequent holiness movements, especially the Church of the Nazarene; (3) to train young ministers for effectiveness in preaching and efficiency in pastoral methods; (4) to acquaint the student with church government, especially the polity of the Church of the Nazarene; and (5) to inspire and train prospective pastors, evangelists, missionaries, and lay workers in effective methods of evangelism.

The course of study for licensed ministers in the Church of the Nazarene has been considered in the curricular planning of the Division of Religion and Philosophy. While required for ordination in the church, not all of these courses are necessarily included in the requirements for degrees. Students looking forward to ordination should be guided by their advisors in selecting courses needed for the completion of ordination requirements.

Major and Minor Requirements are listed at the beginning of this Division.

**Systematic Theology**

54-201 — Christian Doctrine. 3 hours. A general education course for all students involving a study of the fundamental doctrines of the Christian faith from a Biblical basis. The course will emphasize such concepts as Who or What is God; what is the nature of authority; developing a creed to live by; sin, redemption and sanctification; and comparison to other world religions. This course provides a background for further study, and to acquaint every student with the essential doctrines of the Christian faith with special emphasis given to the doctrine of holiness.

54-301 — The Church and Christian Living. 3 hours. Concepts of church and community of believers with a world-wide view. The history of the church with some specific attention to the Church of the Nazarene. The application of the Christian experience to life and the major issues of the day including Christian concerns regarding the social and physical environment, human worth and dignity, and human justice. The theology of vocation with a study of applying Christian values and ethics to this area of living.

54-353, 54-354 — Systematic Theology. 3 hours both semesters. A general survey of the doctrines of the Christian Church in the light of their scriptural foundation, philosophical implications, and historical development. Special attention will be given to the Arminian point of view in respect to the atonement and the doctrine of entire sanctification. Recommended for juniors.

54-462 — Evangelical Perfection. 3 hours. A study of the doctrine of Christian perfection with special emphasis on its Biblical and historical background. A survey will be made of the outstanding literature in this field, and especially the life and works of John Wesley. Careful consideration will be given to the implications of Christian perfection for personal experience and practical living. Prerequisites: Theology 54-353, 54-354.

54-542 — Contemporary Theology. 3 hours. A study of the making of the modern theological mind from the enlightenment through current theological trends. One emphasis will be how Christianity has/should respond to modernity.

**Religion**

54-481 — Philosophy of Religion. 3 hours. A study of religion from the philosophical point of view. An examination of the contribution made by philosophy to the religion and the supplementary nature of faith and reflective thinking in human life. Prerequisite: Philosophy 351 and 352.

**Church History**

54-331 — Renaissance and Reformation. 3 hours. Same as History 331.

54-351 — History of Christianity. 5 hours. A survey of the history of the church, supplemented with lectures and readings giving particular attention to the theological contributions of representative men.

54-550 — American Religious History. 3 hours. An examination of the movements, persons and ideas which shaped religious history in America.

54-571 — History and Polity of the Church of the Nazarene. 3 hours. A survey of the major types of evangelical church polity in their historical development will lead to an exhaustive study of the Manual of the Church of the Nazarene. The history of the denomination will be carefully surveyed.
Theology 153

Practics

54-116 — Fundamentals of Christian Ministry. 3 hours. A course designed to acquaint the student with the foundation and avenues for fulfilling the special call to service and to introduce Olivet's ministerial training objectives. Required of all freshmen in the ministerial training program.

54-452 — Church Administration. 3 hours. A comprehensive study of the organization and activities of the local church. Business administration; methods of publicity, evangelization program; ministerial ethics; relation of the church to the district and general program. Particular attention will be given to the Nazarene policy.

54-455 — Homiletics. 3 hours. The character of the sermon; the several types of sermons; finding source materials; the major divisions of the sermon; introduction, body, illustrations, conclusion. Analysis of great sermons. Practice in preparation and delivery of sermons. Class criticism.

54-470 — Evangelism and Missions. 4 hours. A study of world evangelism with emphasis upon history and methods. Attention is given to the public and personal proclamation of the Gospel in revival and personal work both at home and abroad by the Church of the Nazarene.

54-494 — Pastoral Care. 3 hours. A study of the theory, principles, methods, and resources of an effective pastoral ministry to individuals and small groups as it relates to specific needs of people in various stages and circumstances of life. Special attention will be given to the pastor's ministry during human crises such as illness, pain and grief, marriage and family relationships, death, alcoholism, aging, inter-personal relationships. Attention will also be given to the techniques of pastoral calling in homes, counseling sessions and guidance.

54-496 — Field Training and Service. 1 to 6 hours. Prerequisites: Senior standing, approval by the committee on Ministerial Training and the completion of academic portion of the Ministerial Program.

54-600 to 699 — Graduate Level Courses. Open to some seniors. See Director of Graduate Studies in Religion.

Ministerial Certificate Program

The ministerial certificate program is designed to meet the needs of mature persons preparing for the ministry who do not qualify for admission to a degree program, or who otherwise find it impractical to pursue such a program.

While there are no formal academic requirements for admission to this program, students must complete the orientation program before registering for courses. Students in the College may transfer to this program only on the joint recommendation of the Scholarship and Admissions Committee and the Director of the program.

Credits earned in this program may not be counted toward a degree program. Work done will be marked S-Superior; G-Good; M-Medium; P-Poor; U-Unsatisfactory. Record of work taken may be sent to the District Board of Ministerial Studies to be applied on the Course of Study for Ministers as outlined in the Manual of the Church of the Nazarene.

The Certificate is awarded upon satisfactory completion of the 86-87 hours of work listed in next column.

Biblical Literature: 12 hours
Bib. Lit. 101, 102 — Old and New Testament
Bible Electives

Theology: 12 hours, including
Theol. 201 — Christian Doctrine
or 301 — Church and Christian Living
Theol. 353, 354 — Systematic Theology
Theol. 462 — Evangelical Perfection

Practics and Christian Education: 24 hours
Chr. Ed. 115 — Christian Education
Theol. 116 — Fundamentals of Christian Ministry
Music 377 — Music and Worship
Theol. 452 — Church Administration
Theol. 455 — Homiletics
Theol. 470 — Evangelism and Missions
Theol. 496 — Field Training

Church History: 8 hours
Theol. 351 — History of Christianity
Theol. 571 — History and Polity of the Church of the Nazarene

English and Speech: 12 hours
Eng. 103, 104 — Freshman Composition
Eng. 110, 111, or 114 — Literature
Speech 101 and 104

Philosophy and Psychology: 8 hours

History and Social Science: 8 hours

Natural Science: 4-5 hours
Ludwig Center houses the student dining room, bookstore, post office and a variety of meeting rooms. It is named for the late Dr. S.T. Ludwig, Olivet alumnus who was General Secretary and Education Director for the Church of the Nazarene 1944-1963.

### Division of Social Sciences — 61

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<td>Economics</td>
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<td>History</td>
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<td>Political Science</td>
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<td>Sociology and Anthropology</td>
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<td>Geography</td>
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**Joseph F. Nelson, Chairman**

The Division of Social Sciences consists of the Departments of Business Administration and Economics, History and Political Science, Home Economics, Sociology and Anthropology. Service courses in Geography are also available.

The mission of the Division of Social Sciences is to:

1. Provide a viable alternative to the nonchurch college — socially, academically and spiritually
2. Be a visible, viable, vocal Christian institution in the world.
3. Blend the liberal arts and professional training into the Living Arts for each student.
4. Cultivate the premise of starting with a view of God rather than starting with a view of man.

Develop leaders who will infiltrate all institutions of society with a Christian world view.
American Studies Program in Washington, D.C.

Olivet Nazarene University is a member of the Christian College Coalition which is comprised of 70 Christ-centered, fully accredited four year liberal arts colleges, each committed to academic excellence and to the integration of the Christian faith with learning and living. Student internships and seminars are available to Olivet students. These are coordinated through the Division of Social Sciences and the Coalition which is based in Washington D.C.

The American Studies Program is designed for juniors and seniors with a wide range of academic majors and vocational interests. Students are involved in the American Studies Program for periods of three or four months. The internship/seminar program is available September through May. Summer internships are also available in the Summer months.

Because of its unique location in the nation's capital, this "Washington Campus" for the Coalition colleges is viewed as one way of challenging students to consider the meaning of proclaiming the Lordship of Jesus Christ in all areas of life, including career choices, public policy issues and personal relationships. The number of credit hours which are given for these experiences varies with the type of assignment.

Social Science — 61

Major: 54 hours. B.A.

Required:

Econ. 111, 112 — Principles of Economics
History 111 — Western Civilization I
112 — Western Civilization II
Sociology 121 — Introductory Sociology
Soc. Sci. 489 — Seminar in Social Science

At least 24 hours of upper division courses. Course work is to be distributed as follows: 24 hours in one department, 8 hours from each of two other departments; additional hours may be from above department or other areas of the division.

Teaching Major: 54 hours. B.A.

Required:

Same as above plus the Professional Education Sequence, including Soc. Sci. 478 — Teaching the Social Studies. The 24 hour area must be in history with a minimum of 8 hours in U.S. History and 8 in General and European History.

Teaching Minor: 24 hours

Required:

Option A — 16 hours of history including 8 hours in U.S. History and 8 in General or European History. 8 additional hours from Division of Social Science.

Option B — 8 hours each from two of the following areas: economics, political science, and sociology. 8 additional hours from the Division.

Courses

61-242 — Federal Seminar. 1-3 hours. Credit is given for participation in an extended seminar in Washington, D.C., involving lectures, group sessions and visits to various governmental agencies. Attendance at, and participation in, campus-based class sessions and follow-up activities may also be required.

61-369 — Urban America. 3 hours. This course deals with the development of American cities, focusing on their physical structure, patterns of government and socio-economic characteristics. Particular attention is given to the genesis of contemporary urban problems and their possible solutions. May be taken for domestic inter-cultural understanding credit in General Education Requirements.

61-478 — Teaching the Social Studies. 3 hours. A course in education dealing with the problems and methods of teaching history and the social sciences. Intended for those who plan to teach in this field in the secondary school. Not counted toward the non-teaching major or minor. Includes a 45-hour practicum in a public school setting.

61-489 — Seminar in Social Science. 3 hours. A course to correlate the fields of social science and summarize current problems of society with a view of their possible solutions. The student will be required to apply social science research methods to a topic of interest.
The purpose of this Department is to give students a basic knowledge of the activities in the business and economic world. A knowledge of economic forces is a part of the background for any cultured and intelligent citizen. This knowledge, together with business skills, is fundamental to those who contemplate a career in such fields as general business, accounting, management, insurance, merchandising, secretarial work, teaching of business subjects in the high school, or Christian service such as the ministry of missionary work.

The non-teaching major provides the student with a basic core curricula and permits a choice of emphasis from any one of four areas of specialization including management, marketing, finance, or office administration.

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<th>Business Major: 45 to 51 hours.</th>
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<td>B.A. or B.S.</td>
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<tr>
<td>Required core for all options (A,B,C,D):</td>
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<tr>
<td>Acctg. 105, 106 — Principles of Accounting</td>
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<td>Bus. 260 — Principles of Management</td>
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<td>270 — Introduction to Finance</td>
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<td>341 — Business Statistics</td>
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<td>351, 352 — Business Law</td>
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<td>353 — Marketing</td>
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<tr>
<td>490 — Business Policy and Strategy</td>
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<tr>
<td>Econ. 111, 112 — Principles of Economics</td>
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<tr>
<td>Required supporting courses:</td>
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<tr>
<td>Six hours of Psychology and/or Sociology</td>
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<tr>
<td>Math. 117 — Finite Math for Business</td>
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<tr>
<td>or 147 — Calculus</td>
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<tr>
<td>125 — Concepts of Computer Science (BASIC) or 250 — FORTRAN or</td>
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<td>251 — COBOL</td>
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<tr>
<td>Speech Communication — 3 hours</td>
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<tr>
<td>A minor of at least 16 hours, except</td>
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<td>for the Office Administration Option.</td>
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<tr>
<td>Recommended for students going on to</td>
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<td>graduate studies:</td>
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<tr>
<td>Math. 147 and 148 — Calculus I and II</td>
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<tr>
<th>Option A: Management</th>
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<tr>
<td>Select four of the following courses.</td>
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<td>At least two must be chosen from Business or Economics.</td>
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<tr>
<td>Business 358 — Business Communications</td>
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<td>450 — Entrepreneurship and Small</td>
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<td>Business Management</td>
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<td>462 — Operations Management</td>
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<td>469 — Personnel Management</td>
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<td>487 — Field Placement</td>
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<td>Econ. 359 — Economics of Human</td>
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<tr>
<td>Resources</td>
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<td>H.E. 353 — Institutional Management</td>
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<td>Soc. 496 — Quantitative Research</td>
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<tr>
<td>Methods</td>
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<tr>
<td>Speech 348 — Small Group Communication</td>
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<tr>
<th>Option B: Marketing</th>
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<tbody>
<tr>
<td>Business 395 — Intermediate Marketing</td>
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<tr>
<td>and 3 of the following courses. At least 2</td>
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<tr>
<td>must be from the Business Department.</td>
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</tbody>
</table>
Business 354 — Retail Merchandising
358 — Business Communications
450 — Entrepreneurship and Small Business Management
455 — Advertising
487 — Field Placement
Art 251 — Commercial Art
H.E. 416 — Fashion Merchandising
Sociology 496 — Quantitative Research Methods
Speech 459 — Persuasion

Option C: Finance
Select 4 of the following courses:
Economics 311 — Intermediate Microeconomics
362 — Money and Banking
366 — Insurance
Business 355 — Intermediate Finance
450 — Entrepreneurship and Small Business Management
473 — Investments
487 — Field Placement
Accounting 355 and 356 — Intermediate Accounting (Counts as 2 of the 4 courses, but both must be taken to count for this Finance Option.)
465 — Income Tax Accounting

Option D: Office Administration (formerly Secretarial Science)
Business 114 — Advanced Typewriting
201 — Introduction to Word Processing
220 — Machine Transcription
223 — Advanced Shorthand Transcription
301 — Word Processing Applications
358 — Business Communications
375 — Advanced Office Procedures
355 and 356 — Intermediate Accounting (Counts as 2 of the 4 courses, but both must be taken to count for this Finance Option.)

Business Teaching Major: 38-39 hours.
B.A. or B.S.
Required: Complete either Option A or Option B:

Option A:
Bus. 101 — Introduction to Business and Economics
114 — Advanced Typewriting
201 — Introduction to Word Processing
220 — Machine Transcription
223 — Advanced Shorthand Transcription
301 — Word Processing Applications
351, 352 — Business Law
358 — Business Communications
375 — Advanced Office Procedures
Acctg. 105, 106 — Principles of Accounting
Econ 111, 112 — Principles of Economics
The Professional Education Sequence including: Bus. 470 — Teaching Accounting and Basic Business Subjects and 479 — Teaching Secretarial Skill Subjects

Required supporting course: Math. 125 — Concepts of Computer Science

Strongly Recommended supporting course: H.E. 352 — Consumer Economics
(Students planning to teach basic business, general business, business principles and introduction to business in Illinois are required to take this course.)

Option B:
Bus. 101 — Introduction to Business and Economics
114 — Advanced Typewriting
351, 352 — Business Law
358 — Business Communications
Acct. 105, 106 — Principles of Accounting
Econ. 111, 112 — Principles of Economics
Select 11-12 hours from these courses:
Acc. 355, 356 — Intermediate Accounting
Bus. 353 — Marketing
Bus. 354 — Retail Merchandising
Bus. 455 — Advertising
H.E. 352 — Consumer Economics
The Professional Education Sequence including Bus. 470 — Teaching Accounting and Basic Business Subjects. 479 — Teaching Secretarial Skill Subjects is recommended for those wishing to teach shorthand or typewriting.

Required supporting course:
Math 125 — Concepts of Computer Science.

Students wishing to teach basic business, general business, business principles, and introduction to business in the State of Illinois must take H.E. 352 — Consumer Economics.

Business Minor: 18 hours

Required:
Acct. 105, 106 — Principles of Accounting.
Six hours of courses numbered 300 and above from any of the three fields of
Accounting, Business Administration and Economics

Business Teaching Minor: 24 hours

Required:

Option A:
Econ. 111 — Principles of Economics
Acct. 105 — Principles of Accounting
Bus. 101 — Introduction to Business and Economics
114 — Advanced Typewriting
220 — Machine Transcription
223 — Advanced Shorthand Transcription
351 — Business Law
and 5 additional hours from The Business Department

Supported by:
479 — Teaching Secretarial Skill Subjects

Option B:
Econ. 111 — Principles of Economics
Acct. 105, 106 — Principles of Accounting
Bus. 101 — Introduction to Business and Economics
114 — Advanced Typewriting
351 — Business Law
and 6 additional hours from the Business Department

Supported by:
Bus. 470 — Teaching Accounting and Basic Business Subjects

Associate of Arts Degree in Office Administration (Formerly Secretarial Science)

Business Requirements: 28 hours

Bus. 105, 106 — Principles of Accounting
114 — Advanced Typewriting
201 — Introduction to Word Processing
220 — Machine Transcription
223 — Advanced Shorthand Transcription
260 — Principles of Management
301 — Word Processing Applications
351 — Business Law
375 — Advanced Office Procedures

Electives: 7-8 hours

In completing the General Education requirements include

Group II:
Bus. 358 — Business Communications in place of English 104

Group IV:
Econ. 111 — Principles of Economics
Psych. 101 — Introduction to Psychology

Typical Program for a Student Majoring in Business:

Freshman Year
Principles of Accounting
Principles of Economics
Freshman Composition
Old and New Testament Survey
Physical Education
Speech Communication

Sophomore Year
Principles of Management
Business Statistics
Christian Doctrine
Introduction to Fine Arts
Sociology or Psychology
Computer Science

Courses

62-101 — Introduction to Business and Economics. 3 hours. An introductory survey course in the field of business management and economics. Such topics as business as a career, locating and organizing a business, financing, buying and selling, planning and budgeting and personnel management are included.

62-113 — Beginning Typewriting. 3 hours. Instruction and practice in touch typing with emphasis on mastery of the alphanumeric keyboard, use of correct techniques, and correct typing of simple business correspondence, tabulations, reports, outlines, rough drafts, handwritten copy, etc. Efficient use of electronic typewriters is stressed. Minimum speed expected at the end of the course is 30 net words a minute for five minutes. Students who have had previous typewriting instruction must have written permission of the instructor to take this course for credit.

62-114 — Advanced Typewriting. 3 hours. Further development of correct typewriting techniques, business correspondence, manuscripts, tabulations, and other appropriate documents keyed into electronic equipment. Emphasis is on production and quality of the product, which includes improvement of speed and accuracy. Minimum speed expected at the end of the course is 50 net words a minute for five minutes. Various kinds of electronic word processing equipment will be introduced. Prerequisite: 62-113 or one year or more of high school typewriting.
62-117 — Finite Mathematics with Business Application. 3 hours. Same as Mathematics 117.

62-121 — Beginning Shorthand. 3 hours. Designed for students with no prior instruction in shorthand or those with very limited skills. An introduction to Gregg Series 90 principles with emphasis on reading, vocabulary development, outline construction, and dictation. Transcription is introduced. Minimum dictation speed at the end of the course is 50 words a minute for three minutes. Prerequisite or corequisite: 62-113. Students with prior shorthand training must have written consent of the instructor to take this course for credit.

62-122 — Intermediate Shorthand. 3 hours. A review of Gregg Series 90 shorthand theory, plus further development of theory, enlargement of vocabulary, dictation speed, and transcription. Rapid sight reading of context material and accurate (95%) transcription of non-previewed dictation at a minimum of 70 words a minute for three minutes is required for completion of the course. Students with two years of high school shorthand must have written consent of the instructor to take this course for credit. Prerequisite: 62-114 and 62-121 or equivalents.

62-201 — Introduction to Word Processing. 2 hours. Definition and description of word/information processing. The five phases of the information processing cycle (input, processing, output, distribution/communication, storage and retrieval) are stressed, including the media, equipment, personnel, procedures and systems involved in each phase. The types of jobs, skill requirements and career opportunities are researched. Limited hands-on experience provided.

62-220 — Machine Transcription. 2 hours. Develops competency of transcribing dictation from transcribing equipment. Efficient use and knowledge of the equipment, transcribing speed and accuracy, reinforcing communication skills of listening and writing, and use of communication and documents produced in a business office are all stressed. A thorough review of all transcription rules such as punctuation, capitalization, numbers, etc., is included with emphasis on producing mailable documents. Prerequisite: Bus. 114 or two years of high school typewriting.

62-223 — Advanced Shorthand Transcription. 2 hours. Includes review of shorthand principles, with emphasis on expert techniques and shortcuts which aid speed development. An intensive practice of dictation and transcription with emphasis on meeting requirements for office mailability and production standards. Speed requirement for the end of the semester is a minimum of 90 words a minute for three minutes with 95 percent accuracy and a transcription rate of at least 20 words a minute. Prerequisite: 62-122 or two years of high school shorthand and 62-114 or two years of high school typewriting.

62-260 — Principles of Management. 3 hours. Emphasizes management as a process present in and necessary to all formal organizations. Analyzes the management process with emphasis on management concepts, objectives and ethics; and the management functions of planning, organizing, leading and controlling.

62-270 — Introduction to Finance. 3 hours. An introduction to the analytical techniques which are used in order to make financial decisions in the context of contemporary business. Topics include the time value of money, financial forecasting, operating and financial leverage, asset management, short-term and long-term financing, capital budgeting, and risk analysis. Prerequisite: Acct. 105.

62-301 — Word Processing Applications. 3 hours. Integrates instruction of word processing systems (theory, principles and equipment) with the development of magnetic keyboarding skill. Advanced business documents are prepared on electronic equipment. Instruction on a 10-key pad is included. Prerequisites: Business 114 and 201, or written consent of instructor. Two hours of lecture, two hours of lab.

62-341 — Business Statistics. 3 hours. An introduction to statistical methods, including sampling, measures of dispersion, averages and statistical inferences. The application of statistical methods in the evaluation of business problems is emphasized. Prerequisite: Math. 117.

62-351, 62-352 — Business Law. 3 hours both semesters. A study of the law of contracts, negotiable instruments, sales, real and personal property, insurance, partnership, corporations, agency, and business crimes.

62-353 — Marketing. 3 hours. An overview study of marketing which introduces the student to the dynamics of the marketplace and the processes used to successfully develop and deliver goods and services to meet market needs. A philosophy of management by the "marketing concept" is fostered. Specific topics include the role of marketing in business and society, consumer analysis, market evaluation and segmentation, the marketing mix and marketing decision making.

62-354 — Retail Merchandising. 3 hours. A study of the role of modern retailing in the process of meeting marketing needs. Students will be challenged to develop a retail prospective of the marketplace and will be equipped with the basic principles of retail management and merchandising. Both in theory and through field experi-
62-355 — Intermediate Finance. 3 hours. An extension of Introduction to Finance into topics such as leasing, mergers, and multinational finance. The theory of finance will be applied to investment in instruments, including stocks, bonds, options and futures markets. Capital budgeting, cost of capital, valuation and risk will also be studied at an advanced level of analysis. Prerequisite: Bus. 395 — Intermediate Marketing. Course offered in alternate years.

62-358 — Business Communications. 3 hours. A development of the principles of effective business communications through the composition of business letters (application, credit, adjustment, collection, persuasive and routine). Emphasis on composition, arrangement, style, positive writing, clarity, correctness and effectiveness in realistic problem solving. Also included are techniques, principles and standards of organized business report preparation and presentation, application letters, resumes and related job materials. Oral communication skills included are dictating principles and oral presentations.

62-366 — Insurance. 3 hours. Same as Economics 366.

62-375 — Advanced Office Procedures. 3 hours. A capstone course which combines data processing/computer developments and procedures with traditional offices and office procedures: telecommunications, mail systems and procedures, filing and records management, reprographics, work station organization, time management, setting priorities, making decisions, personal interaction, managing calendars, arranging travel, originating correspondence, arranging meetings, career planning and job getting. Emphasis is on people, procedures and decision-making, rather than on equipment. Not open to freshmen.

62-395 — Intermediate Marketing. 3 hours. A study of marketing theory which presents a strategic overview of the marketing concept. Students will learn how to plan and implement marketing strategies and policies. Topics include consumer behavior, feasibility studies, market segmentation, marketing strategies, marketing mix, forecasting and budgeting. Prerequisites: Bus. 270 — Intro. to Finance and and Econ. 111 — Principles of Economics.

62-455 — Advertising. 3 hours. Students will become familiar with the advertising methods and strategies practices by various forms of organizations. The role of advertising will be analyzed, along with its impacts. Students will have the opportunity to develop their own advertising campaign. Prerequisite: Business 395 — Intermediate Marketing.

62-462 — Operations Management. 3 hours. Evaluates the management problems of operations in both industrial and service organizations. This class is primarily directed toward an industrial setting, but does have many applications to service organizations. This includes, in part, scheduling, material requirements, planning, project management, and inventory management. Prerequisites: Bus. 260 — Principles of Management and 341 — Business Statistics.

62-469 — Personnel Management. 3 hours. Presents principles and current practices in handling personnel as individuals and as groups, with emphasis upon role of operating supervisors, executives and the union in dealing with such problems as selection, placement, training, wage and salary administration, promotion, transfer, fringe benefits, employee services, and management-labor relations. Prerequisite: Bus. 260.

62-470 — Teaching Accounting and Basic Business Subjects. 3 hours. Principles and methods involved in teaching accounting and basic business subjects such as general business, business law, consumer economics, and business principles and management are studied and applied. Included are the following: understanding the learning process; writing objectives and learning outcomes; planning course, unit, and lesson plans; using appropriate teaching strategies; developing multimedia aids; and demonstrating teaching skills to classmates or videotape. Attention is also given to the exceptional learner and multicultural classrooms. Includes a 45-hour practicum in a public school setting.

62-473 — Investments. 3 hours. An evaluation and analysis of the various securities that may become a part of our investment program. Emphasizes the organization and function of the major securities markets. Basic determinants of investment values are considered.

62-479 — Teaching Secretarial Skill Subjects. 3 hours. Principles and methods involved in teaching shorthand, typewriting, word processing, and other secretary skill subjects are studied and applied. This includes strategies in teaching shorthand theory, speedbuilding, transcription, and production shorthand; using appropriate multimedia; and testing and evaluation for each level of shorthand. Teaching type-
writing and word processing includes strategies for keyboard learning/mastery; building typewriting speed, control, and accuracy; basic formatting skills and production competence; and planning and evaluation for each skill level. Attention is given to the exceptional learner and multicultural classrooms. Includes a 45-hour practicum in a public school setting.

62-487 — Field Placement. 4-5 hours. Designed to allow the student to integrate principles learned in the classroom by working in a business situation. The program is under the joint planning and supervision of the business involved and departmental faculty. The course is intended to help the student bridge the gap between theory and practice.

62-490 — Business Policy and Strategy. 3 hours. Integrates the skills mastered in the various departmental specializations by assisting students in developing various models for decision making and applying these models to various business situations. Prerequisite: Senior standing.

Accounting — 63

The purpose of the accounting major is to provide a broad background of accounting principles, practices and procedures to enable the student to prepare for accounting and management responsibility especially in the field of finance.

A major in accounting will also provide the student with the courses required to sit for the CPA examination in most states. The requirements for taking the CPA examination are established by each state. Therefore, the student should make inquiry of the appropriate State Board regarding the specific requirements, well in advance of the examination. Successful completion of the major will include an emphasis on the theoretical knowledge necessary to pass the CPA examination.

At any point subsequent to Accounting 105, a student must have a minimum grade of "C-" in each course to continue the accounting sequence. To qualify for graduation, a student must: (1) earn a minimum cumulative grade point average of 2.0 in all upper-division accounting courses, and (2) earn a minimum grade of "C-" in each accounting course required in the major or minor. A course with a grade of less than "C-" may be retaken in accordance with the "Policy on Repeating Courses" listed in the chapter on Academic Regulations.

Accounting Major: 50 hours. B.A. or B.S.

Required:

Acct. 105, 106 — Principles of Accounting
355, 356 — Intermediate Accounting
357 — Cost Accounting
461 — Consolidations and Partnerships
462 — Governmental and Not-for-Profit Accounting
465 — Income Tax Accounting
467 — Auditing

Bus. Admin. 270 — Introduction to Finance
341 — Business Statistics
351, 352 — Business Law
490 — Business Policy and Strategy

Econ. 111, 112 — Principles of Economics

To be supported by:

Math 117 — Finite Math. with Business Applications
or 147 — Calculus
CS125 — Computer Science (BASIC)
or 250 — FORTRAN
or 251 — COBOL
Psych. 101 — Introduction to Psychology
Speech 101 — Fundamentals of Speech

and a minor of at least 16 hours approved by the Chairman of the Department

Accounting Minor: 23 hours

Required:

Acct. 105, 106 — Principles of Accounting
355, 356 — Intermediate Accounting
and 9 additional hours of upper division Accounting courses.

Courses

63-105, 63-106 — Principles of Accounting. 3 hours both semesters. A study of the principles of bookkeeping and accounting. Such topics as recording transactions, posting to ledger accounts, adjusting and closing accounts, use of business forms, and preparation and interpretation of financial statements will be treated. The course emphasizes proprietorship and corporation accounting. 63-105 is a prerequisite for 63-106.

63-355, 63-356 — Intermediate Accounting. 4 hours both semesters. Treats such phases of accounting as accepted principles and procedures for setting up working papers and financial
statements; correction of prior years' earnings; handling ownership, asset, and liability accounts in a corporation; interpretation of financial statements; analysis of working capital operations; statement of application of funds; and income tax allocation. 63-106 is a prerequisite for 63-355. 63-355 is a prerequisite for 63-356.

63-357, 63-358 — Cost Accounting. 3 hours both semesters. The utilization of basic cost accounting principles, practices and procedures for industries using either a process job order or a standard cost system. The effective use of cost accounting as a management tool is emphasized. Prerequisites: Acct. 355, 356.

63-460 — Contemporary Accounting Issues. 3 hours. The presentation of this course will be on a seminar basis covering the following fields: accounting theory, auditing, taxes, and other areas of interest to the student. Offered in alternate years.

63-461 — Consolidation and Partnerships. 3 hours. A study of the accounting procedures and principles relating to business combinations, both internal and external. The procedures for the preparation of consolidated financial statements is emphasized. This course also covers the accounting principles relating to the formation, operation, and liquidation of partnerships. Prerequisite: Acct. 355, 356.

63-462 — Governmental and Not-for-Profit Accounting. 3 hours. This course involves the study of the unique accounting practices of governmental accounting and not-for-profit organizations. The focus will be on fund accounting and the reporting requirements of financial statements. Other topics in the governmental and not-for-profit sector will be covered as appropriate. Prerequisites: Acct. 355, 356.

63-465 — Income Tax Accounting. 3 hours. Presents an analysis and interpretation of the Federal Income Tax Laws. Emphasizes the legal concepts of income, deductions and exemptions. The information is applied in a practical way through the preparation of returns for individuals, partnerships and corporations.

63-467 — Auditing. 3 hours. Presents the purposes of audits as conducted by the certified public accountant. Emphasizes the principles of auditing and the types of audits normally made. Professional ethics and legal responsibility are considered. A specific program or each phase of the audit is outlined in detail. Prerequisite: Acctg. 356.

63-487 — Field Placement. 3-5 hours. Same as Bus. Admin. 487.

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Economics — 64

Economics Major: 39 hours. B.A. or B.S.

Required:

Econ. 111, 112 — Principles of Economics
308 Comparative Economic Systems
311 — Intermediate Microeconomics
312 — Intermediate Macroeconomics
341 — Business Statistics
359 — Economics of Human Resources
362 — Money and Banking
363 — International Economics

Plus 12 hours selected from:

Bus. 270 — Introduction to Finance
351, 352 — Business Law
462 — Operations Management
473 — Investments
487 — Field Placement
Sociology 496 — Quantitative Research Methods

Required Supporting Courses:

Acctg. 105, 106 — Princ. of Accounting
Business 260 — Princ. of Management
Math 147, 148 — Calculus I and II
Math 125, 250 or 251 — Computer Language
Philosophy 241 — Logic
or 242 — Ethics (Both courses in Philosophy are highly recommended.)

Minor: 18 hours

Required:

Econ. 111, 112 — Principles of Economics.
311 — Intermediate Microeconomics
312 — Intermediate Macroeconomics
and six hours of upper division Economics.

Courses

64-101 — Introduction to Business and Economics. 3 hours. Same as Business 101.

64-111, 64-112 — Principles of Economics. 3 hours, both semesters. A general course in the fundamental principles governing production, distribution, consumption, and exchange of wealth. It is designed to encourage an understanding of our economic system. Course 111 — Micro-Economics is a prerequisite to Course 112 — Macro-Economics.
64-308 — Comparative Economic Systems. 3 hours. This course concentrates on the political, cultural, and economic development of five major world regions: the communist-bloc countries, Western Europe, the oil-rich nations, the highly industrialized nations, and the less-developed countries.

64-311 — Intermediate Microeconomics. 3 hours. Microeconomics analysis including value and distribution theory; analysis of the pricing of the factors of production integrated in a microgeneral equilibrium context which builds toward explaining the resource allocation process. Prerequisites: Econ. 111, 112.

64-312 — Intermediate Macroeconomics. 3 hours. The modern theory of the determination of the level and rate of growth of income, employment, output, and the price level. Discussion of alternate fiscal and monetary policies to facilitate full employment and economic growth. Prerequisites: Econ. 111, 112.

64-341 — Business Statistics. 3 hours. Same as Business 341. Prerequisite: Math. 117.

64-353 — Marketing. 3 hours. Same as Business 353.

64-359 — Economics of Human Resources. 3 hours. A study of labor markets and their relationship to the economy as a whole. Emphasis will be placed upon wage determination, the impact of labor force participation, and public policies concerning such topics. Prerequisites: Bus. 270, Econ. 111 and 112.

64-362 — Money and Banking. 3 hours. A survey of the financial organizations of society, including the functioning and characteristics of money and credit, investment banking, trust companies, commercial banking, with emphasis on the Federal Reserve System. Current money and banking problems are evaluated in conjunction with the theoretical concepts studies. Prerequisites: Econ. 111, 112.

64-363 — International Economics. 3 hours. A study of the theory of international trade with a view to understanding how trade with a view to understanding how trade is carried on and determining a policy for the various countries to follow in the future. Prerequisites: Econ. 111, 112.

64-366 — Insurance. 3 hours. A general study of insurance and its economic significance to businessmen and society.

64-473 — Investments. 3 hours. Same as Business 473.

Elizabeth Dole, U.S. Secretary of Transportation, received the first Maggie Sloan Crawford Award in 1986, recognizing her outstanding leadership and character.

History and Political Science — 65

Stephen Pusey (1980)
Associate Professor of History, Chairman of the Department
B.A., 1975, Olivet Nazarene University
M.A., 1976, Northern Arizona University
Ph.D., 1981, Ohio State University

W. Vincent Arnold (1986)
Assistant Professor of History
B.A., 1981, Mt. Vernon Nazarene College
M.A., 1983, Miami University (Ohio)

Bill J. Isaacs (1961)
Associate Professor of History
B.A., 1958, Olivet Nazarene University
M.A., 1959, University of Illinois

The goal of the Department of History and Political Science is to acquaint students with the heritage of the past and to place present political, economic, and social problems in their historical perspective.

Majors in history and political science are urged to secure a reading knowledge of French or German and to acquaint themselves with subjects closely related to history in the social sciences.
The programs offered in the department are designed to aid students in:
1. Understanding and appreciating a great variety of world cultures and civilizations, both past and present.
2. Developing an historical frame of reference and an appreciation of the dynamics of change.
3. Examining at least one non-Western civilization.
4. Developing an understanding of history from a Christian perspective.
5. Perceiving the inception, development and expansion of the Christian church.
6. Viewing history as one of the more obvious and revered liberal arts which serves as a linchpin for the study of any discipline, since all branches of knowledge have a history.
7. Understanding the organization and function of the American political system.
8. Fostering tolerance, understanding and appreciation of ethnic culture.
9. Becoming familiar with many interpretations of historical thought.
10. Comprehending that classical historical works rank among the most valuable products of human art and intellect.
11. Acquiring skills vital to successful historical inquiry.
12. Developing mastery in the techniques of historical research, including the collection of information and its presentation in a clear and concise form.
13. Making choices of career options open to history majors in such areas as secondary education, government service (military and civilian), museology, business administration, historical preservation, library science, and the ministry.
14. Examining graduate educational opportunities in disciplines such as history, archaeology, museology, law and religion.
15. Becoming aware that a double major in history and political science can greatly broaden one's academic preparation and enhance career opportunities of majors in such disciplines as religion, philosophy, literature, economics, business, art, sociology, social work, psychology and computer science.

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Core Requirements for all Department Majors:
History 111 — Western Civilization I
112 — Western Civilization II
131 — American Civilization I
132 — American Civilization II

History and Political Science Major: B.A.
Option A: 32 hours.
Required in addition to the core:
Pol. Sci. 123 — American Government
History 489 — History Seminar
or Pol. Sci. 489 — Seminar
or Pol. Sci. 498 — Quantitative Research Methods

And 14 additional hours in History and Political Science, 11 hours of which must be upper division. At least 3 hours must be in United States History, 3 hours in World History, and 6 hours in Political Science.

To be supported by:
A minor of 16 hours or at least one supporting course from each of the fields of Economics, Sociology, Statistics, Computer Science and Communication, of which 6 hours must be upper division.

Option B: 27 hours
Required in addition to the core:
Pol. Sci. 123 — American Government
History 489 — History Seminar
or Pol. Sci. 489 — Seminar
or Pol. Sci. 498 — Quantitative Research Methods

And 6 additional upper division hours in Political Science and 3 additional upper division hours in either History or Political Science.

To be supported by a second major from another department of the university.

History Major: B.A.
Option A: 32 hours
Required in addition to core:
Hist. 489 — History Seminar

And 17 additional hours of History, of which 14 must be upper division. At least 6 hours must be in United States History, 6
hours in World History, and 3 hours in non-Western History (65-360, 65-362 or 65-366).

To be supported by:
A minor of 16 hours or at least one supporting course from each of the fields of Economics, Journalism, Political Science, Sociology and Research (Computer Science, Statistics or Communication), of which 6 hours must be upper division.

Option B: 27 hours.

Required in addition to core:
Hist. 489 — History Seminar
12 additional hours of History, of which 9 hours must be upper division. At least 3 hours must be in United States History, 3 hours in World History, and 3 hours in non-Western History (65-360, 65-362, or 65-366).

History Teaching Major: 32 hours. B.A.

Required in addition to core:
Hist. 489 — History Seminar
17 additional hours of History, of which 14 must be upper division. At least 6 hours must be in United States History, 6 hours in World History and 3 hours in non-Western History (65-360, 65-362, or 65-366).

To be supported by:
A teaching minor and the Professional Education Sequence including Social Science 478 — Teaching the Social Studies.

History Minor: 16 hours

Required:
6 hours in Western Civilization I and II or 6 hours in American Civilization I and II. At least 6 hours of the minor must be upper division courses.

Political Science Minor: 16 hours

Required:
Pol. Sci. 123 — American Government. At least 6 hours of the minor must be upper division courses.

History Teaching Minor: 24 hours

Required:
Hist. 111, 112, 131, 132 (the same as History major core), and 12 additional hours in History, 9 of which must be upper division. At least 3 of these additional hours must be in United States History, 3 hours in World History, and 3 hours in non-Western History (65-360, 65-362, or 65-366).

Typical Courses for a Student Majoring in History and Political Science

Freshman Year
Western Civilization
or American Civilization
Freshman Composition
Old and New Testament Survey
Physical Education
Introduction to Sociology
Foreign Language
Introduction to Fiction
Fundamentals of Speech

Sophomore Year
American Civilization
or Western Civilization
History of the Ancient World
Laboratory Science
Mathematics
Christian Doctrine
Introduction to Fine Arts
American Government

World History

65-111 — Western Civilization I. 3 hours. A survey course that examines the development of European civilization from antiquity to 1500. Attention will be focused on the ideas, values, institutions, great events and personalities of the time in order to understand historically the major issues which have defined concepts of humanity and society in the Western World. No prerequisite. Offered every Fall.

65-112 — Western Civilization II. 3 hours. A survey course that examines the development of European civilization from 1500 to the present. Attention will be focused on the ideas, values, institutions, great events and personalities of the time in order to understand historically the major issues which have defined concepts of humanity and society in the Western World. No prerequisite. Offered every Spring.
65-321 — History of the Ancient World. 3 hours. Examines the political and constitutional structures, the social distinctions, the economic conditions, the geographical influences, and the cultural and religious developments of civilizations stretching from the Tiber and Aegean regions across the paths of the Egyptians and Mesopotamians, to the Indus-Ganges and Huang Ho regions of India and China. Comparisons, contrasts and interchange of civilizations of both contemporary and later cultures are pointed out. This course can be taken for Intercultural Understanding credit.

65-331 — Renaissance and Reformation. 3 hours. A study of Europe from 1300 to 1600. Primary emphasis is given to such topics as the formation of modern nations and economic, cultural, and social changes resulting from the shift from medieval to modern times. Religious changes are traced through the Medieval church to the Protestant and Catholic Reformations.

65-341 — Early Modern Europe, 1648-1815. 3 hours. This course examines the major diplomatic, political, religious, economic and cultural developments in European History from the mid-seventeenth century through the French Revolution and the Napoleonic Wars. Western Civilization II (65-112) is not required but is highly recommended as a prerequisite for this course.

65-342 — Modern Europe, 1815 to the present. 3 hours. This course examines the diplomatic, political, religious, economic and cultural developments in European history from the Congress of Vienna to the present day. Western Civilization II (65-112) is not required but is highly recommended as a prerequisite for this course.

65-345 — The World since 1945. 3 hours. An examination of the major events, issues, individuals and institutions which have influenced world affairs since the end of World War II. An emphasis is placed on the political, economic and social differences separating communist and non-communist countries, and their relationship to Third World Societies. This course can be taken for Intercultural Understanding credit.

65-351 — History and Politics of Modern England, 1688 to the present. 3 hours. Examines the political, constitutional, foreign diplomacy, social, economic, intellectual, and religious trends in England and her Empire-Commonwealth. No prerequisite.

65-360 — The History of Russia and the Soviet Union. 3 hours. Examines the history of Russia from Kiev to the modern Soviet state. Special attention is given to the socio-political movements that characterized much of the 19th and 20th Centuries. Topics to be studied include the development of Tsarist Russia, reform movements of the nineteenth century, the rise of Lenin and the Revolution of 1917, domestic and foreign policy under Stalin, Khrushchev and the Cold War, Brezhnev and Detente, and the contemporary Soviet political system. This course can be taken for Intercultural Understanding credit.

65-362 — The Pacific World in the Modern Age. 3 hours. A study of the transformation of East Asia resulting from the intrusion of the West, from the early 19th Century to the present. Primary emphasis is placed on the civilization of China, Japan, India and Korea, and on the contacts between Eastern Asia and the West. This course can be taken for Intercultural Understanding credit.

65-366 — Latin American History and Politics. 3 hours. Examines the geographical, political and constitutional structures, social distinctions, economic conditions, and religious and cultural developments of the Iberian Peninsula on the eve of the Age of Exploration. The transplantation and adaptation of these institutions and their blending with the Indian and Afro contributions are continued through the colonial era in the New World. The major countries of Mexico, Brazil, Argentina and Chile are given primary attention following their independence. This course can be taken for Intercultural Understanding credit.

65-374 — Totalitarianism: Its Meaning and History. 3 hours. Same as Political Science 374.

United States History

65-131 — American Civilization I. 3 hours. Examines the basic political, social, economic, legal, intellectual, and religious trends in American history from the European explorations to the close of the Civil War (1865). Fulfills the Teacher Education requirement for passing the U.S. Constitution. No prerequisite. Offered every semester.

65-132 — American Civilization II. 3 hours. Examines the basic political, social, economic, legal, intellectual, and religious trends in American history, from the close of the Civil War (1865) to the present. No prerequisite. Offered each Spring.

65-343 — Colonial Period in American History. 3 hours. A study of the cultures and institutions in the English colonies of North America, and the local conditions that shaped them into an American product.

65-344 — Recent United States History. 3 hours. A study of modern America since World War I examining such issues as government and business, reform, political change, foreign relations, and the United States' role in world politics.
Major emphasis is placed on social change and race relations in the period since 1945.

65-346 — United States Foreign Policy Since 1914. 3 hours. Same as Political Science 346.
65-347 — American Constitutional History. 3 hours. Same as Political Science 347.
65-369 — American Urban History. 3 hours. Same as Social Science 369. May be taken for Domestic Intercultural Understanding credit.
65-421 — American Religious History. 3 hours. Same as Theology 550.

**General History**

65-489 — History Seminar. 3 hours. Same as Social Science 489.
65-494 — Readings in History. 1 to 4 hours. Self-study of historical readings under faculty direction in an area of special interest. Suggested for seniors and qualified junior with a major in History/Political Science. All other students must secure the approval of the instructor. No more than 4 hours of credit may be earned through readings in history and political science combined.

**Political Science — 66**

66-123 — American Government. 3 hours. A study of the structure and functions of the federal government in the United States. Fulfills the Teacher Education requirement for passing the U.S. Constitution.
66-125 — Illinois Government. 1 hour. A study of Illinois Government with special attention to constitutional development and the organization and functioning of the government. This course is designed to meet certification requirements for students planning to teach in this state. A pass/fail grade is given.
66-346 — American Foreign Policy Since 1914. 3 hours. An extensive study of the formation and implementation of U.S. foreign policy from World War I to the present. Special attention focuses on the conflicts over issues of neutrality, isolationism, collective security, imperialism, the Cold War, and relations with the Third World.
66-347 — American Constitutional Law. 3 hours. Includes the study of the origin, adoption, and the Supreme Court’s interpretation of the Federal Constitution in such areas as judicial review, Federalism, separation of powers, interstate commerce, contract clause, taxing powers, due process clause, equal protection of the laws, and civil liberties. Recommended for all pre-law students. Prerequisite: American Civilization I, American Government, or consent of instructor.
66-348 — World Politics. 3 hours. A study of diplomacy, nationalism, war, and the forces underlying politics among nations. The merits of power, morality, law, public opinion, and the possibility of world government are considered. This course can be taken for Intercultural Understanding credit.
66-351 — History and Politics of Modern England. 3 hours. Same as History 351.
66-360 — Russian/Soviet Politics. 3 hours. Same as History 360.
66-366 — Latin American History and Politics. 3 hours. Same as History 366.
66-374 — Totalitarianism: Its Meaning and History. 3 hours. Examines the political, social, intellectual, and economic preconditions for the rise of totalitarian regimes — Germany, Italy and the Soviet Union. Also focuses on the institutions, ideology, and techniques of totalitarian rule.
66-489 — Political Science Seminar. 3 hours. Same as Social Science 489.
66-494 — Readings in Political Science. 1 to 4 hours. Same as History 494.
66-498 — Quantitative Research Methods. 3 hours. Same as Sociology 496.
Home Economics — 67

RUBALEE WICKLAND (1969)
Professor of Home Economics; Chairman of Department
B.S., 1968, Olivet Nazarene University
M.S., 1969, University of Illinois
Ph.D., 1982, Oklahoma State University

DIANE RICHARDSON (1985)
Assistant Professor of Home Economics
B.S., 1973, Olivet Nazarene University
M.S., 1985, Olivet Nazarene University

The Department of Home Economics offers the student a broad curriculum with basic fundamentals in many areas of home economics. By careful selection of courses in the program, a student may prepare for entrance into any one of seven areas of specialization including:

- Dietetics
- Foods and Nutrition in Business
- Fashion Merchandising
- Family Services
- General Home Economics
- Teaching Home Economics
- Food Service Management
  (A.A. degree)

Certain home economics courses may apply as social science credit toward a social science major with the approval of the Chairman of the Division.

Home Economics Major: B.A. or B.S.

Dietetics Option: 33 hours

Required:

H.E. 101 — Orientation to Home Economics
121 — Introduction to Nutrition
124 — Dietetic Field Experience
130 — Food Preparation
327 — Human Nutrition
328 — Diet Therapy and Community Nutrition
332 — Marketing and Meal Management
333 — Foodborne Disease Control
335 — The World Food Problem
337 — Quantity Foods
333 — Institutional Management
498 — Professionalism, Issues and Answers

Supporting courses as required by the American Dietetic Association:

Psych. 101 — Intro. to Psychology
202 — Educational Psychology
Business
260 — Principles of Management
359 — Economics of Human Resources
469 — Personnel Management
Econ. 111, 112 — Princ. of Economics
Acct. 105 — Princ. of Accounting
Biol. 121 — General Zoology
245 — Anatomy and Physiology
356 — Microbiology
Chem. 103 — General Chemistry I
104 — General Chemistry II
311 — Organic Chemistry I
373 — Biochemistry
or Bio. 373 — Molecular Biology
Math. 131 — Algebra and Trigonometry
125 — Concepts of Computer Science
or 341 — Statistics
Soc. 364 — Anthropology
or 383 — Race and Ethnic Relations

Foods and Nutrition in Business Option: 42 hours

Required:

H.E. 101 — Orientation to Home Economics
121 — Introduction to Nutrition
130 — Food Preparation
327 — Human Nutrition
328 — Diet Therapy and Community Nutrition
332 — Marketing and Meal Management
333 — Foodborne Disease Control
335 — The World Food Problem
337 — Quantity Foods
342 — Household Equipment and Energy
352 — Consumer Economics
353 — Institutional Management
487 — Field Placement (5 hours)
498 — Professionalism, Issues and Answers

Required supporting courses:
Bus. 101 — Introduction to Business and Economics
260 — Principles of Management
353 — Marketing
469 — Personnel Management
Biol. 121 — General Zoology
Chem. 103 — General Chemistry I

Recommended supporting courses:
Biol. 356 — Microbiology
Chem. 104 — General Chemistry II
311 — Organic Chemistry I
Home Ec. 336 — Food Microbiology
438 — Food Chemistry or additional Home Economics courses

Fashion Merchandising Option: 39 hours

Required:
H.E. 101 — Orientation to Home Economics
111 — Textiles and Design
112 — Principles of Clothing Construction (3 hours)
140 — Interior Design
314 — Fashion Analysis
342 — Household Equipment and Energy
343 — Heritage of Interiors
352 — Consumer Economics
415 — Tailoring
416 — Fashion Merchandising
487 — Field Placement (5 hours)
498 — Professionalism, Issues and Answers
513 — Principles of Pattern Design

Required supporting courses:
Bus. 260 — Principles of Management
354 — Retail Merchandising
455 — Advertising
469 — Personnel Management
Acct. 105, 106 — Principles of Accounting
Speech 101 — Fundamentals of Speech or 348 — Small Group Communication
Chem. 101 — Introduction to Chemistry

Recommended supporting course:
Art 103, 104 — Drawing Studio
English 241 — Journalism
Math 125 — Concepts of Computer Science

Family Services Option: 39 hours

Required:
H.E. 101 — Orientation to Home Economics
121 — Introduction to Nutrition
130 — Food Preparation
261 — Marriage and the Family
262 — Child Development or 263 — Adolescent & Adult Development
332 — Marketing and Meal Management
335 — The World Food Problem
342 — Household Equipment and Energy
352 — Consumer Economics
355 — Management of Family Resources
487 — Field Placement (5 hours)
492 — Social Work Methods and Delivery of Services
498 — Professionalism, Issues and Answers

Required supporting courses:
Educ. 376 — Survey of the Exceptional Child
Soc. 121 — Introduction to Sociology
369 — Urban Sociology
383 — Ethnic Relations
493 — Juvenile Delinquency
497 — Social Casework
Psych. 101 — Introduction to Psychology
311 — Psych. of Personal Adjustment
466 — Psychology of Counseling

Recommended supporting courses:
Soc. 231 — Contemporary Social Problems
370 — Fields of Social Work
General Home Economics Option: 36 hours.

Required:

H.E. 101 — Introduction to Home Economics
121 — Introduction to Nutrition
or 130 — Food Preparation
112 — Clothing Construction
or 314 — Fashion Analysis
353 — Institutional Management
or 355 — Family Resources
261 — Marriage and Family
or 262 — Child Developmental Psychology
or 263 — Adolescent and Adult Psychology
487 — Field Placement
498 — Home Economics: Professionalism, Issues and Answers

Plus 15 additional hours approved by the chairman of the department.

Home Economics Teaching Major: 40 hours. B.A. or B.S.

Required:

H.E. 101 — Orientation to Home Economics
111 — Textiles and Design
112 — Principles of Clothing Construction (3 hours)
121 — Introduction to Nutrition
130 — Food Preparation
140 — Interior Design
or 343 — Heritage of Interiors
261 — Marriage and the Family
262 or 263 — Developmental Psychology
314 — Fashion Analysis
or 415 — Tailoring
or 513 — Principles of Pattern Design
332 — Marketing and Meal Management
or another foods course
352 — Consumer Economics
355 — Management of Family Resources
455 — Home Management Practicum
498 — Professionalism, Issues and Answers

Required supporting courses:

Chem. 101 — Introduction to Chemistry
The Professional Education Sequence, including H.E. 475 — Curriculum and Methods.

Recommended additional courses:

H.E. 342 — Household Equipment and Energy
487 — Field Placement
343 — Heritage of Interiors
or 140 — Interior Design

Minor: 16 hours

Required:

Courses approved by the Department Chairman.

Teaching Minor: 24 hours

Required:

H.E. 111 — Textiles and Design
112 — Principles of Clothing Construction (3 hours)
or another clothing class
121 — Introduction to Nutrition
130 — Food Preparation
140 — Interior Design
or 343 — Heritage of Interiors
332 — Marketing and Meal Management
352 — Consumer Economics
Three additional hours from the department

Associate of Arts Degree for Food Service Management

Required:

H.E. 101 — Orientation to Home Economics
121 — Introduction to Nutrition
130 — Food Preparation
123, 124, 225 — Dietetic Field Experience
328 — Diet Therapy and Community Nutrition
332 — Marketing and Meal Management
333 — Foodborne Disease Control
337 — Quantity Foods
353 — Institutional Management

To be supported by:

Chem. 101 — Introduction to Chemistry
Acct. 105 — Principles of Accounting
Bus. 260 — Principles of Management
In completing the General Education Requirements, include Biology 141 — Personal and Community Health, and Sociology 121 — Introductory Sociology.

**Typical Courses for Home Economics Majors**

*Courses will vary according to major option.*

**Freshman Year**
- Orientation to Home Economics
- Textiles and Design
- Freshman Composition
- Old and New Testament Survey
- Principles of Accounting
- Physical Education
- Principles of Clothing Construction
- Food Preparation

**Sophomore Year**
- Introduction to Nutrition
- Principles of Management
- Introduction to Journalism
- Christian Doctrine
- Introduction to Fine Arts
- History, Social Science
- Developmental Psychology

**Courses**

67-101 — **Orientation to Home Economics. 1 hour.** A review of the development of home economics as a profession, the philosophy, and a study of the careers open to home economics graduates.

67-111 — **Textiles and Design. 3 hours.** Evaluates the various types of natural and synthetic fibers used in fabric. Examines varieties of yarns, fabrics, design and color, and finishes. The course is designed to increase knowledge in the selection, use and care of textile products.

67-112 — **Principles of Clothing Construction. 3 hours.** A modular class including units on basic construction techniques, pattern selection and garment construction, selecting quality ready-to-wear, pattern alteration and fitting, couture techniques and problem fabrics, construction of designer garment, managing a sewing laboratory and mass production techniques. May be repeated for a maximum of 6 hours.

67-121 — **Introduction to Nutrition. 3 hours.** A study of the nutritive value of foods and the application of these principles in selection of an adequate diet and maintenance of good health.

67-130 — **Food Preparation. 3 hours.** Principles, techniques and processes involved in the preparation of food. Lecture and laboratory.

67-123, 124, 225, 226 — **Dietetic Field Experience. 123: 1 hour; 124: 2 hours; 225: 3 hours; 226: 4 hours.** Supervised field experience in dietary departments of health care institutions under the direction of professionally trained food service supervisors and Registered Dietitians. Emphasis is given to menu planning, purchasing of food and supplies, meal service and distribution; scheduling, supervising and evaluation of employees; providing nutritional counseling and support to patients. Supplemented by conferences and seminar discussions.

67-140 — **Interior Design. 3 hours.** A study of the basic principles in developing a pleasant home environment. Types of flooring, innovative wall treatments, color schemes and design, window treatments, and furniture arrangements are among the topics that are studied in regard to suitability, manufacturing quality, aesthetic value, comfort, maintenance, and meeting the needs of the individual. Field trips will be taken to illustrate principles studied in the class.

67-261 — **Marriage and Family. 3 hours.** Same as Sociology 232.

67-262 — **Child Developmental Psychology. 3 hours.** Same as Psych. 211.

67-263 — **Adolescent and Adult Developmental Psychology. 3 hours.** Same as Psych. 212.

67-314 — **Fashion Analysis. 3 hours.** Includes a study of famous European and American fashion designers, fashion terminology, and fashion movement of repeated fashion cycles. Clothing selection is studied with application of art principles as line, design and color to various figure types and personalities. Wardrobe planning and color analysis is studied.

67-327 — **Human Nutrition. 3-4 hours.** Same as Biol. 362.

67-328 — **Diet Therapy and Community Nutrition. 3 hours.** A study of diet in relation to its role in the body to maintain health and to correct nutritional deficiencies occasioned by surgery or special illnesses.

67-332 — **Marketing and Meal Management. 3 hours.** A study and practice in planning, purchasing, preparation, storage, sanitation, menu structure, nutrient values, use of metrics, comparison of unit cost according to quality and purpose and management of time and energy for large and small groups. All styles of food service with suitable table appointments are used. Lecture and laboratory. Prerequisite: 67-130.

67-333 — **Foodborne Disease Control. 3 hours.** This course offers practical information about the common foodborne diseases, the conditions
that favor their transmission, the methods that effectively control them, and the legal and administrative aspects of control and enforcement.

67-335 — The World Food Problem. 3 hours. Same as Sociology 374.

67-336 — Food Microbiology. 5 hours. Same as Biology 375.

67-337 — Quantity Foods. 3 hours. Standard methods of quantity food production and menu planning for social groups and institutions. Food costs and nutritional values are related to experiences in food service. Lecture and laboratory.

67-342 — Household Equipment and Energy. 3 hours. Principles related to the selection, use and care of various portable and major appliances used throughout the entire home relative to energy usage.

67-343 — Heritage of Interiors. 3 hours. Residential architecture and furnishings prior to and including the 18th Century, with emphasis on periods which have greatly influenced housing and interior design.

67-352 — Consumer Economics. 3 hours. Emphasizes basic problems for the consumer, including borrowing for consumption, housing, insurance, investments, family budgets, quality standards, buying and frauds. The purpose of the course is to make the student aware of the rights of the consumer and legislation enforcing these rights.

67-353 — Institutional Management. 3 hours. Presents the principles of management relative to selection of equipment, operational procedures, time and energy of personnel, financing and money management.

67-355 — Management of Family Resources. 3 hours. Application of the managerial principles of individual family resources such as the use of time, human energy, money, values, goals and standards are evaluated and clarified. The decision-making process of management is based on values, and determines how to use the limited resources.

67-415 — Tailoring. 3 hours. A study of tailoring techniques by construction of an ensemble, suit or coat. Prerequisite: H.E. 112 or 213, by permission. Lecture and laboratory.

67-416 — Fashion Merchandising. 3 hours. A comprehensive look at the fashion business, giving students an understanding of many professional positions available. Dollar planning and merchandise buying is learned in-depth, with coverage of merchandising. Also, a section of the course deals with the fashion buyer's role in advertising, sales promotion, publicity and special events. Field trips to the Chicago Apparel Center and Merchandise Mart are required.

67-429 — Nutritional Biochemistry and Metabolism. 5 hours. Same as Biology 488.

67-438 — Food Chemistry. 4 hours. Same as Chemistry 481.

67-455 — Home Management Practicum. 3 hours. Responsibility of solving problems involved in management of present day homes. Emphasis on food management, use of equipment, and evaluation of projects. Laboratory. Prerequisite: H.E. 355.

67-475 — Curriculum and Methods. 3 hours. Development of effective teaching methods based on current educational trends. Curriculum planning, observations, and miniteaching experiences planned for secondary and adult levels. Study of the philosophy and procedures for vocational, cooperative and occupational Home Economics programs. Includes a 45-hour practicum in a public school setting. Prerequisites: Psych. 101, H.E. 262 or 263, Educ. 249, 351.

67-487 — Field Placement. 1-5 hours. An individualized career-oriented internship. Selected learning experiences in approved work situations in food industry, fashion retail, child care, vocational career centers or welfare agencies. Prerequisite: consent of instructor and head of department.

67-492 — Social Work Methods and Delivery of Services. 3 hours. Same as Sociology 492.

67-496 — Projects in Home Economics. 1 — 5 hours. Individual and group investigations and discussions of special problems of projects in various areas of Home Economics.

67-498 — Home Economics: Professionalism, Issues and Answers. 3 hours. History and philosophy of home economics, current issues in the field and strategies for professional involvement.

67-513 — Principles of Pattern Design. 3 hours. Interpretation of dress design developed through the medium of flat pattern; introduction to pattern drafting. Prerequisite: H.E. 112 or approval of instructor.
JOSEPH F. NIELSON (1969)  
Professor of Sociology; Chairman of Department; Chairman of Division of Social Sciences  
B.A., 1949, Olivet Nazarene University  
M.A., 1964, Michigan State University  
Ph.D., 1972, Michigan State University  

JOHN W. HAWTHORNE (1981)  
Associate Professor of Sociology  
B.S., 1978, Purdue University  
M.S., 1981, Purdue University  
Ph.D., 1986, Purdue University  

This department shares specific responsibility with other departments in the Division of Social Sciences for the achievement of institutional objectives which aim at the development of personality factors contributing to well-informed Christian citizenship.

The particular aims of the department in the achievement of general institutional objectives are: (1) To inform the students as to the structure and processes of human relationships in their community, ethnic, nationality and other contexts; (2) To train the student in the use of the scientific method in the sociological field; (3) To train the student to practice the Christian concept of altruistic love in all human relationships, group as well as individual; (4) To provide pre-social work and social justice training.

Courses in the Sociology and Anthropology Department are designed to give students the background for a great variety of career options.

**Careers in Sociology:** Urban planning, administration, personnel work, social work, missionary work, Peace Corps, Vista, clergyman, attorney, economist, political scientist, historian, and in institutional settings.

**Careers in Research:** government, industry, universities.

**Careers in Teaching:** Urban problems, demography, race relations, sociology, research methods, criminology, juvenile delinquency.

**Careers in Social Welfare:** Foster care, adoption, senior citizens, public aid, child abuse, racial discrimination, juvenile delinquency, family problems, physically handicapped, unwanted pregnancies, mental retardation, rehabilitation.

**Careers in Social Justice:** Probation, juvenile delinquency, parole, transition centers, rehabilitation centers, investigation, prisons, police work, personnel, and counseling.

*A 450-hour Field Placement* in a public or private agency reinforces the work in the classroom, giving each student "hands-on" experience in these career possibilities.

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Sociology Major: 28 hours. B.A.

**Recommended:**

Soc. 121 — Introductory Sociology  
232 — Marriage and the Family  
341 — Statistics  
369 — Urban Sociology  
383 — Ethnic Relations Around the World  
490 — Social Thought  
495 — Sociology of Religion  
496 — Quantitative Research Methods  
Fifteen hours must be upper division.

*To be supported by:*

6 hours of History, 6 hours of Psychology, 3 hours of Speech and 2 hours of Philosophy.

Social Welfare Major: 30 hours. B.A. or B.S.

**Recommended:**

Soc. 121 — Introductory Sociology  
321 — Social Psychology  
370 — Fields of Social Work  
487 — Field Placement  
492 — Social Work Methods  
497 — Social Casework  
498 — Social Welfare  
Fifteen hours must be upper division.

*To be supported by:*

6 hours of History, 3 hours of Speech, 6 hours of Psychology, and 2 hours of Philosophy, and one of the following minors:  
A. Sociology: 16 hours. Courses to be approved by the department. 10 hours must be upper division.  
B. Psychology: 20 hours including  
203 — History and Systems of Psychology  
211 or 212 — Developmental Psychology  
301 — Advanced General Psychology  
C. Economics: 18 hours including  
Econ. 111, 112 — Principles of Economics
174 Sociology

311 — Intermediate Microeconomics
312 — Intermediate Macroeconomics
and 6 hours of upper division work.

D. Home Economics: 16 hours: Courses approved by the Chairman of the Department.

Social Justice Major: 31 hours. B.A. or B.S.

Recommended:
Soc. 121 — Introductory Sociology
232 — Marriage and the Family
321 — Social Psychology
383 — Ethnic Relations Around the World
487 — Field Placement
493 — Juvenile Delinquency
494 — Criminology and Social Justice Systems
497 — Social Casework

To be supported by:
6 hours of History, 6 hours of Psychology, 3 hours of Speech and 2 hours of Philosophy.

Sociology Minor: 16 hours

Required:
Courses approved by the Department Chairman. 10 hours must be upper division.

Social Welfare or Social Justice Minor: 18 hours

Courses to be approved by the Department Chairman and to include at least 10 hours of upper division work.

Associate of Arts Degree in Social Welfare

Required:
Soc. 121 — Introductory Sociology
231 — Contemporary Social Problems
232 — Marriage and the Family
321 — Social Psychology
383 — Ethnic Relations Around the World
498 — Social Welfare
Psych. 101 — Introduction to Psychology
211 or 212 — Developmental Psychology
Hist. 131, 132 — American Civilization

H.E. 352 — Consumer Economics
Sp. 101 — Fundamentals of Speech

In completing the General Education requirements include:
F.A. 101 — Introduction to Fine Arts
Biol. 141 — Personal and Community Health

Typical Courses for Sociology Department Major

Freshman Year
Introduction to Sociology
Freshman Composition
Introduction to Psychology
Old and New Testament Survey
Western Civilization
Physical Education

Sophomore Year
Marriage and the Family
Christian Doctrine
Fundamentals of Speech
Introduction to Philosophy
American Civilization
Social Psychology

Courses

68-121 — Introductory Sociology. 3 hours. This course introduces the student to a study of heredity, culture, environment, and the group as they influence personality and group behavior. A brief study is made of propaganda, human ecology, population, institutions, and social process.

68-122 — Human Geography. 2 hours. Same as Geography 122.

68-231 — Contemporary Social Problems. 2 hours. A number of the most acute problems of contemporary life are investigated, including the social effects of soil erosion and conservation, health, war, personality disorganization, and poverty.

68-232 — Marriage and the Family. 3 hours. A brief history of the family is traced with some study of the commoner types of marriage and family organization. Factors making for proper mate selection and marital happiness are considered at length. Bringing up children and living with grandparents are studied.

68-260 — Principles of Management. 3 hours. Same as Business 260.

68-321 — Social Psychology. 3 hours. Same as Psychology 321.
68-341 — Statistics. 4 hours. Same as Math. 341.
68-348 — Small Group Communication. 3 hours. Same as Speech Communication 348.
68-349 — Intercultural Communication. 3 hours. Same as Speech 349.
68-352 — Consumer Economics. 3 hours. Same as Home Econ. 352.
68-354 — Communication Theory. 3 hours. Same as Speech Communication 354.
68-359 — Economics of Human Resources. Same as Economics 359.
68-364 — Anthropology. 3 hours. This course is designed to provide the student with an introductory survey of cultural anthropology. It should provide the student with training enabling him to appreciate the cultures of all peoples and lead him to a better perspective for the understanding of his own.
68-369 — Urban Sociology. 3 hours. Same as So. Sci. 369.
68-370 — Fields of Social Work. 3 hours. A survey is made of the various fields of social work; their history, problems, and techniques.
68-374 — World Food Problem. 3 hours. This is an interdisciplinary study including biological, chemical, sociological, economic, public health, and educational aspects. Important features of the world food problem and major possibilities for improvement are discussed. Student presentations as well as individual and group projects are given special emphasis.
68-383 — Ethnic Relations Around the World. 3 hours. Ethnic relations around the world will be considered in a theoretical framework. The aim is to impart a sociological understanding of minority groups in all cultures.
68-487 — Field Placement. 10 hours. Thirty-five hours per week in an approved agency under the supervision of a professionally trained social worker. This will be arranged according to the interests of the student. Senior or Junior years.
68-489 — Seminar in Social Science. 3 hours. Same as Soc. Sci. 489.
68-490 — Social Thought. 3 hours. A study of the contribution of leaders in the field of sociology, with emphasis on historical and contemporary theorists.
68-492 — Social Work Methods and Delivery of Community Services. 3 hours. Concentration on techniques of social work and their relation to various fields of social services. Special attention is given to community health services along with client agency interaction and community organization.
68-493 — Juvenile Delinquency. 3 hours. Alternate years. A study of the problems of juvenile delinquency in America, including its nature and causes, the juvenile justice system, and the methods of treatment, probation, detention and prevention.
68-494 — Criminology and Social Justice Systems. 3 hours. The origins of crime in the American community are examined, together with the various methods of dealing with it. Emphasis is placed on the relation of crime to community disorganization and to politics and government.
68-495 — Sociology of Religion. 3 hours. A sociological consideration of religion related to culture, society, and the individual. One unit deals with personal experience in religion.
68-496 — Quantitative Research Methods. 3 hours. This course serves as a basic introduction to the techniques and problems of quantitative research methods in the social sciences. Various techniques of data collection will be covered, along with discussions of validity, reliability, the relation of research to sociological theory, and computer analyses of research techniques. This course is specifically recommended for those students interested in jobs in research capacities and those interested in graduate school. Previous exposure to the use of statistics would be beneficial. Enrollment is limited to seniors and graduate students.
68-497 — Social Casework. 3 hours. A review of case studies in the relation professional standards, personal objectives, attitudes, self-evaluation, and theoretical concerns.
68-498 — Social Welfare. 3 hours. A survey of the historical development of social welfare and its institutionalization in the U.S. Social welfare programs and their interrelationship are analyzed.

Geography — 69

69-121 — Physical Geography. 2 hours. A course presenting an orderly treatment of the major physical elements with which man contends and their distribution over the earth.
69-122 — Human Geography. 2 hours. A course presenting the distribution of cultural elements of the human habitat and the principal ways man makes use of physical setting in which he lives.
Chapter 9

Division of Graduate Studies

Gary W. Streit, Chairman

The Graduate Program

The Graduate Division offers courses leading to the Master of Arts degree with a major in Religion, and the Master of Arts in Education degree with majors in Elementary Education, English/Language Arts Education and Social Studies Education. The Master of Church Management degree, the Master of Pastoral Counseling degree, and the Master of Business Administration degree are also offered.
Master of Arts in Education

The Division of Graduate Studies at Olivet Nazarene University is committed to providing solid master's degree programs for teachers as it has been doing for over 20 years. In the fall of 1985, the first “packaged” program was begun in English/Language Arts Education followed by an Elementary Education “package” in the spring semester 1986. This concept involves recruiting a class of teachers who are interested in a particular program of study and moving that group through a sequence of courses together, culminating in the awarding of the Master of Arts in Education degree.

Features of the “Package Concept”
1. No more than one class is taken during each of the regular four academic semesters.
2. Each class meets only one night per week.
3. Only one concentrated summer session which includes two one-week workshops.
4. Degree completion in only 20 months.
5. Tuition of the program has also been “packaged,” resulting in the total cost being much less than if one were paying on a per semester hour basis.
6. Tuition payments may be spread over the life of the program.

Program Objectives

Elementary Education
1. Enrich the preparation of experienced elementary school teachers.
2. Supplement and strengthen areas of teacher preparation and specialization.
3. Increase performance levels.
4. Propose innovative practices.
5. Maintain current contact with reported research results.

Secondary Education
1. Recognize and foster scholarship through the media of post-baccalaureate instruction, seminars, and research.
2. Develop professional skills and competencies in a field of concentration.
3. Allow for the completion of selected professional credential programs.
4. Encourage the acquisition and development of thorough techniques of research.
5. Develop a deeper understanding of ethics and values from the Christian perspective.
6. Enable the graduate student to further his education, improve his ability to do critical thinking, and relate himself more effectively to other persons through programs of instruction leading to the Master of Arts in Education.
7. The programs are focused in specialized areas representing various disciplines taught at the secondary level, i.e., English/Language Arts Education and Social Studies Education.
Elementary Education: 30 hours M.A.E.
Gary W. Streit, Ph.D., Coordinator

Required:
11-601 — Philosophical and Psychological Concepts of Education 4 hours
11-611 — Methods of Educational Research 4 hours
11-627 — Teaching Reading in Elementary School: Assessment and Remediation 4 hours
11-630 — Computer Applications in Elementary Instruction 4 hours
11-635 — Trends in Elementary Curriculum 4 hours
11-639 — Contemporary Issues in Education 4 hours
11-684 — Workshop: Strategies for Supervising Student Teachers 1 hour
11-686 — Workshop: Creative Writing in the Elementary Grades 1 hour

Students will choose one of the following options to complete requirements for their degree:
11-695 — Creative Project, OR 4 hours
11-699 — Thesis, OR 4 hours

Additional coursework 4 hours

English/Language Arts Education: 30 hours M.A.E.

Required:
11-601 — Philosophical and Psychological Concepts of Education 4 hours
32-603 — Writing Theory and Pedagogy 4 hours
11-611 — Methods of Educational Research 4 hours
32-668 — Adolescent Literature 4 hours
32-670 — World Literature 4 hours
11-676 — Seminar in Teaching English 4 hours
11-684 — Workshop: Strategies for Supervising Student Teachers 1 hour
11-685 — Workshop: When You Have to Coach Dramatics, Literary Contests and Publications 1 hour

Students will choose one of the following options to complete requirements for their degree:
11-695 — Creative Project 4 hours
11-699 — Thesis, or 4 hours

Additional coursework 4 hours

Social Studies Education: 30 hours M.A.E.
Stephen M. Pusey, Ph.D., Coordinator

Required:
11-601 — Philosophical and Psychological Concepts of Education 4 hours
11-662 — Social Science Seminar 4 hours
11-611 — Methods of Educational Research 4 hours
11-661 — Teaching Economics Through the Social Studies 4 hours
11-666 — Issues and Strategies of Global Education 4 hours
11-639 — Contemporary Issues in Education 4 hours
11-687 — Workshop: Writing to Learn in the Social Studies 1 hour
11-685 — Workshop: Strategies in Supervising Student Teachers 1 hour

Students will choose one of the following options to complete their program of study:
11-695 — Creative Project, 4 hours
11-699 — Thesis, or 4 hours

Additional course work 4 hours
Master of Arts: Religion

George Lyons, Ph.D., Coordinator

Objectives

The Graduate Program has as its major goal the preparation of students at the graduate level for vocations as Christian ministers, especially in the Church of the Nazarene.

Religion: 30 hours M.A.

Required:

55-610 — Wesleyan/Holiness Heritage 4 hours
55-620 — Biblical Theology 4 hours
55-630 — Biblical Exposition 4 hours
55-640 — Ministry to People 4 hours
55-650 — The Church 4 hours
55-660 — Ministry in America 4 hours
55-670 — Ministry in the World 4 hours

Normally all of the above seven courses will be offered during each calendar year: three during the fall, three during the spring, and one each summer. The specific content of these courses, indicated in the announcement of the Graduate Bulletin, varies on no less than a two or three year cycle.

Courses in Graduate Religion attempt to relate the theory and practice of Christian ministry. Every four-semester hour course has a one-semester hour supervised practicum built into it. Students who are concurrently in a full- or part-time ministerial assignment must complete their practica as a part of the fulfillment of that assignment. Students who are not concurrently in ministry must arrange for the setting of their practica. All practica assignments are subject to the approval of the Program Coordinator and the supervising professor.

This approach attempts (1) to provide a clearer conceptual link between biblical and theological studies and the practical work of ministry than one that sharply distinguishes academics and practices: (2) to integrate the study of Bible, Theology, and Practics so as to blur the somewhat artificial distinctions between them; and (3) to keep in focus the goal of religious studies as the service of God and people through the various ministries of the church.
Master of Church Management

Joseph Nielson, Ph.D., Coordinator

This external degree program is intended to provide training in church management for pastors with experience in the pastoral ministry. Three seminars a year will be offered on campus: one in September, one in January and one in May. Pastors will have concentrated studies during these seminars with a variety of ecumenical speakers. The week of residence will include 50 hours of classwork and discussion groups. Work relating to these seminars (readings and papers) will be assigned for home study between the on-campus meetings.

Objectives
1. To create a fellowship of learning experiences for pastors in an academic setting in which they may analyze the interrelationship between normative theological training and practical managerial techniques.
2. Self-improvement.

Features
1. Sessions begin at 2:00 p.m. on Mondays and close at 12:00 noon on Fridays.
2. On campus housing and meal plan available.

Requirements for Admission
1. A bachelor’s degree from an accredited college or university,
2. A completed application form,
3. An official transcript showing the undergraduate degree earned,
4. A grade point average of 2.3 (4.0 scale),
5. Documented ability to pursue graduate study,
6. Moral character consistent with attendance at a Christian University,
7. Active in church ministry,
8. A minimum of 16 hours in religion.

Master of Church Management: 30 hours. M.C.M.

Required:
54-501 — Preaching That Communicates 3 hours
54-502 — Group Dynamics 3 hours
54-503 — Church and the Family 3 hours
54-504 — Pastor and Church Finances 3 hours
54-505 — Renewing the Spirit of Revival 3 hours
54-506 — Self Development 3 hours
54-507 — Multiple Groups 3 hours
54-508 — Expositional Studies 3 hours
54-511 — Research Paper 2 hours
54-512 — Practicum 4 hours
Master of Pastoral Counseling

Joseph Nielson, Ph.D., Coordinator

The Olivet MPC program is an external degree program open to qualified individuals with a bachelor’s degree from an accredited college or university. Those without the required pre-requisites may be admitted on a “Conditional” basis and will be required to remove any deficiencies within a specific amount of time. The program is designed in a lock-step format with nine weeks of on-campus study, and a one week practicum of documented in-service practice for a total of 30 semester hours of credit with completion in three years.

Students are admitted into the MPC program on the basis previous academic record, and other pertinent information from their applications. Specific requirements for admission are listed below.

Objectives

1. Training in Pastoral Counseling for pastors with experience in pastoral ministry.
2. Analysis of the interrelationship between the pastor’s role as a minister of the Gospel and a counselor.
3. Creating a fellowship of learning experience for pastors in an academic setting.
4. Making it easy for pastors to update, increase and expand their skills.
5. Integrating psychological principles with holy living.

Features

1. Emphasis on training rather than only teaching.
2. Principles and practice.
3. Internalization of skills.
4. Broad use of current literature.
5. The best available faculty regardless of where they are located, chosen on an ecumenical basis.
6. Curriculum broken down into phases which are separated by months of on-the-job application in the local church with counsel available from an instructor.
7. On-campus housing and meal plan available.

Master of Pastoral Counseling: 30 hours. M.P.C.

Required:

54-631 — Communication and Listening Skills 3 hours
54-632 — Development of Philosophical Perspective of Counseling/Understanding Yourself 3 hours
54-633 — Marriage and Family Dynamics 3 hours
54-634 — Intervention in Spiritual and Emotional Problems 3 hours
54-635 — Introduction to Behavior Disorders and Resources 3 hours
54-636 — Pastoral Intervention in Addictive Disorders 3 hours
54-637 — Life Cycle Pastoral Counseling 3 hours
54-638 — Church Programming for Personal Growth 3 hours
54-639 — Legal, Ethical, and Practical Issues of Pastoral Counseling 3 hours
54-687 — Internship/Practicum Experience 3 hours
The Olivet MBA program is open to qualified individuals with a bachelor's degree from an accredited college or university. The program is designed in such a way that individuals with an undergraduate degree in business can earn the MBA in 36 semester hours. Those without the relevant academic and/or job experience background may be required to complete as many as 18 semester hours before attempting advanced work.

Students are admitted into the MBA program on the basis of previous academic record, work experience, pertinent information from their applications, and a personal interview. A new class of students will be admitted each fall semester.

Benefits of an MBA

The Olivet Nazarene University Master of Business Administration degree program provides the tools and learning environment to assist you in:

1. Linking state-of-the-art business theory with actual practice,
2. Developing the skills necessary to become a more effective manager,
3. Preparing to assume greater responsibility and meet new challenges, evaluating the ethical and legal implications of business decisions.

The Olivet MBA program is a part-time program for the business professional. It is designed to accommodate his working schedule:

1. Classes are offered on Monday and Thursday evenings.
2. Maximum of 35 students in a class.
3. Completion of the degree in 22 months.
4. Extensive integration of microcomputers in the curriculum.
5. An entering class will stay together throughout the program. Students will benefit from this extended association with other managers.
6. A guaranteed tuition cost for the entire program, assuming one continues with his entering class.
7. Classes are held at a convenient location. Travel time is minimal, and there are no traffic jams or parking problems.
8. Classes are taught by professors who combine a knowledge of the "cutting edge" of business theory with extensive personal business experience.
9. The program combines the classroom experience with current on-the-job projects and activities.
10. The program offers a curriculum that examines the ethical and legal aspects of the operation of a business within a community environment, and thereby provides for a philosophy and way of conducting business that emphasizes long-term corporate accountability as well as short-term profitability.
Master of Business Administration: 36 hours. M.B.A.

Required:
62-669 — Human Resource Management 3 hours
62-601 — Managerial Accounting 3 hours
62-611 — Business Research and Report Writing 3 hours
64-605 — Managerial Economics 3 hours
62-680 — Current Issues in Business 3 hours
62-616 — Financial Management 3 hours
62-653 — Marketing Management 3 hours
62-690 — Business Policy 3 hours
62-640 — Organizational Behavior & Communication 3 hours
62-661 — Operations Management 3 hours
62-695 — Leadership Seminar 3 hours
62-697 — "Project" or "Thesis" 3 hours

The Division of Continuing Education was organized to serve those members of the university clientele who are not in the typical 18-22 age group or whose educational needs are different from those for which the traditional baccalaureate or graduate degree programs were designed.

The division works closely with the Academic Dean and the Director of Graduate Studies in matters related to credit courses and faculty assignments.

Church and Community Needs

The university seeks to meet needs of the supporting denomination and of the community (especially Kankakee County) when the programs and resources of the college can be made available.

Olivet Nazarene University and Kankakee Community College cooperate in surveys of these needs and in providing the educational programs that are in demand. Olivet has primary responsibility for the upper division and graduate course needs.

Courses on campus are offered in early morning, late afternoon and evening time periods with these persons in mind. Both undergraduate and graduate courses are made available and advertised to serve this clientele. From time to time, such courses may be offered in public schools, churches, or places of business if that arrangement is more feasible. With very few exceptions, these courses are for college credit, and requirements are equivalent to the regular course taken in residence at Olivet.
Unveiling the new University seal, October 24, 1986.

11 Directory of Personnel

<table>
<thead>
<tr>
<th>Board of Trustees</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.G. WIGGS, D. Min. Chairman Bedford, Indiana</td>
</tr>
<tr>
<td>C. MARSELLE KNIGHT Vice Chairman Brighton, Michigan</td>
</tr>
<tr>
<td>KENNETH T. JEWELL Secretary Indianapolis, Indiana</td>
</tr>
<tr>
<td>LEslie PARROTT, Ph.D. University President Kankakee, Illinois</td>
</tr>
<tr>
<td>JOHN ALDERSOHN Peru, Illinois</td>
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<tr>
<td>LEE BAKER Madison, Wisconsin</td>
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<tr>
<td>ELMER BARR Decatur, Illinois</td>
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<tr>
<td>E. KEITH BOTTLES Bourbonnais, Illinois</td>
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<tr>
<td>DENNIS BRENNER Lansing, Michigan</td>
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<tr>
<td>ALAN C. CAMPBELL Traverse City, Michigan</td>
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<tr>
<td>RAY DAFORD Grand Blanc, Michigan</td>
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<td>WILLIAM C. DAMON Haslett, Michigan</td>
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<td>HAROLD DEMOTT Lansing, Michigan</td>
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<td>JOHN Q. Dickey, D.O. Birmingham, Michigan</td>
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<tr>
<td>WILLIE DISHON Fort Wayne, Indiana</td>
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<tr>
<td>RALPH E. FOX, D.D.S. Indianapolis, Indiana</td>
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<tr>
<td>GEORGE GARVIN River Forest, Illinois</td>
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<tr>
<td>FORREST GOBLE Winamac, Indiana</td>
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<td>ALTON GOERLITZ Mauston, Wisconsin</td>
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<tr>
<td>WILLIAM GRIFFIN Indianapolis, Indiana</td>
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<tr>
<td>JOHN HANCOCK Springfield, Illinois</td>
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<td>JAMES HAZELWOOD Galesburg, Illinois</td>
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<td>JOHN HAY Camby, Indiana</td>
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<td>THOMAS HERMON Valparaiso, Indiana</td>
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<td>MILTON E. HOOS Cadillac, Michigan</td>
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<td>MARK HOSTETLER Portage, Indiana</td>
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<td>JAMES JOHNSON Auburn, Indiana</td>
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<td>RICHARD M. JONES Burr Ridge, Illinois</td>
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<td>SELDEN D. KELLEY West Bloomfield, Michigan</td>
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<td>PAUL W. LEE Marion, Illinois</td>
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<td>JAMES LESTER Decatur, Illinois</td>
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<td>BILL LEWIS Corydon, Indiana</td>
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<td>CLAYTON LEWIS New Castle, Indiana</td>
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<td>LAUREL MATSON SR. Madison, Wisconsin</td>
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<td>JAMES MELLISH Warren, Michigan</td>
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<tr>
<td>CHESTER PASKO Portland, Indiana</td>
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<td>JESSE PITS Brazil, Indiana</td>
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<td>FLOYD H. POUDS Peoria, Illinois</td>
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<td>JAMES READER, D.D.S. Chrisman, Illinois</td>
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<td>JAMES SCHWEIGERT, D.D.S. St. Johns, Michigan</td>
</tr>
<tr>
<td>WILLIAM SELKIRK Traverse City, Michigan</td>
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<tr>
<td>JERRY SHORT Adrian, Michigan</td>
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<tr>
<td>GENE SNOWDEN Huntington, Indiana</td>
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<tr>
<td>JACK STONE Bradley, Illinois</td>
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<td>OVAL STONE Marion, Indiana</td>
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<tr>
<td>C. NEIL STRAT Grand Rapids, Michigan</td>
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<tr>
<td>CARLYLE THILL North Vernon, Indiana</td>
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<tr>
<td>ROBERT WALL Oak Lawn, Illinois</td>
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<tr>
<td>DONALD WILLIAMSON Fort Wayne, Indiana</td>
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<tr>
<td>DARRELL WINEINGER Jasper, Indiana</td>
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<tr>
<td>RICHARD YOUNG Lemont, Illinois</td>
</tr>
</tbody>
</table>
University Administration and Staff Leaders

Leslie Parrott
President
B.A. Olivet Nazarene University
M.A., Willamette University
Ph.D., Michigan State University

Ivor G. Newsham
Vice President for Academic Affairs and Academic Dean
B.A., Northwest Nazarene College
Ph.D., Washington State University

Ted R. Lee
Vice President for Development
B.A., Olivet Nazarene University
M.Div., Nazarene Theological Seminary

Douglas E. Perry
Vice President for Finance
B.A., Olivet Nazarene University
M.B.A., University of Illinois

Grover L. Brooks
Dean of Students
B.A., Olivet Nazarene University
M.A., Olivet Nazarene University

Graduate Division Office

Gary W. Streit
Graduate Studies Chairman, English Department Chairman
B.A., Trevecca Nazarene College
M.S., University of Tennessee
Ph.D., University of Illinois

Mooneyean Armstrong
Administrative Assistant, Division of Graduate Studies

Academic Division Office Secretaries

Jerilynn Johnson
Education

Carol Parker
Language, Literature and Communication

Edith Williams
Nursing Education

Norma Romey
Fine Arts

Vicki Gilbert
Natural Sciences

Marjorie Sparrow
Religion

Beverly Toland
Social Sciences

Development Administrative Staff

Gordon C. Wickersham
Publicity Director, Publications Editor
B.A., Olivet Nazarene University
M.A., Boston University
B.D., Nazarene Theological Seminary

Norman W. Bloom
Director of Funds for Scholarships and Expansion, and O.N.U. Foundation
B.A., Th.B., Olivet Nazarene University
M.Div., Nazarene Theological Seminary

Leroy Wright
Development Assistant for Government and Community Relations
B.S., Ed., Olivet Nazarene University
M.A., University of Chicago
Superintendent's Endorsement, Illinois State University

Administrative Office Secretaries

Jill Bowling
President’s Office

Connie Skinner
Academic Affairs Office

Mary Ann Link
Development Office

Betty Elliott
Finance, Personnel Office

Joyce Holl
Dean of Students Office

Academic Administrative Staff

Jim D. Knight
Registrar, Assistant Dean of Instruction, Director of Institutional Research
B.A., Trevecca Nazarene College
M.S., University of Tennessee

Assistants to the Registrar

Lynda Allen, Robert Drebendenst, Phyllis Harris
186 Administration, Staff

Irving Kranich
Assistant to the Development Director
B.S., Olivet Nazarene University
M.Mus., American Conservatory of Music

Brian Allen
Executive Director, Alumni Association
B.A., Olivet Nazarene University

John Mongerson
Director of Admissions
B.A., Olivet Nazarene University

David Caudle
Admissions Counselor
B.A., Olivet Nazarene University
M.Div., Nazarene Theological Seminary

Teresa Ulmet
Admissions Counselor
B.A., Olivet Nazarene University

Tony Fightmaster
Admissions Counselor
B.A., Olivet Nazarene University

Royce Cole
Admissions Counselor
B.A., Olivet Nazarene University

Lois Thomas, Lois Bellomy, Freda Wolfe,
Sharon Richardson, Cheryl Seymour,
Diane Daughtry, Janice Royal, Marla Neese
Other Development
Department Secretaries

Business and Finance Administrative Staff

Donald Keck
Controller

James R. Tripp
Superintendent of Buildings and Grounds

Pat Duncan
Director of Financial Services

Gene Harness
Bursar

John Nutter
Student Accounts

Mary Reich
Cashier

LaFerne Foster
Loan Accounts Collections

Phil Richardson
Bookstore and Post Office

Romaine Chase, Joyce Muhm, Joan Tripp
Bookstore Assistants

Suzanne Erickson, Donna Furbee
Post Office Assistants

Epton Elliott
Facilities Engineer

John Story
Security Services Director

Betty Parsons
Printing and Mailing

Gayle Wiese, Michelle Morrison, Cheryl Chaney, Shirley Cadle
Financial Aid Services

Barbara Malliett
Switchboard Operator

Dennis Seymour
Computer Services Director

Virginia Springer, Carolyn Gill, Sandra Begley
Accounting Office

Student Personnel Services Staff

Beverly Lee
Director of Student Activities and Ludwig Center

Wendy Parsons
Director of Retention and Intramurals

Linda Dunbar
Secretary to the Director of Student Activities

Counseling and Career Center

Frank Garton, Director
Mary Anderson, Counselor
LaVerne Jordan, Counselor
Residence Hall Directors

Gary Hyde, Chapman
Bruce Neese, Hills
Mike Ulrich, LeVasseur
Mark Arni, Howe and Gibson
Florence Burghorn, Williams
Joyce Holl, Nesbitt
Mary Margaret Reed, McClain
Beverly Lee, Parrott

Athletic Department

Larry Watson, Director
Gary Griffin, Sports Information Director and Recruiting Coordinator
Doris Dean, Secretary

Library Faculty

Allan L. Wiens (1967)
Associate Professor of Library Science; Director of Library
Th.B., 1954, Canadian Nazarene College
B.D., 1959, Nazarene Theological Seminary
B.A., 1965, Seattle Pacific College
M.Lib.S., 1966, Western Michigan University
University of Illinois

Lynette M. Christensen (1983)
Assistant Professor, Reference/Catalog Librarian
B.S., 1977, University of South Dakota
M.A., 1978, University of Denver

Ruth E. Tomaszke (1983)
Assistant Professor, Reference Librarian
B.A., 1982, Greenville College
M.S., 1983, University of Illinois

Stephen Vanciel (1977)
Assistant Professor of Media Services, Acting Director of Media Services
B.A., 1972, Pasadena College
M.S., 1983, Illinois State University

Kathryn Van Fossan (1980)
Assistant Professor; Head of Technical Services
B.A., 1969, University of Illinois
M.A., 1979, Illinois State University
M.S., 1983, University of Illinois

Faculty Emeriti

Harold W. Reed (1949-1975)
President Emeritus of the University
B.A., M.S., Th.D., D.D., LL.D.

T.W. Willingham (1926-1937)
President Emeritus of the University
B.A., B.D., D.D.

Leonard E. Anderson (1950-1986)
Associate Professor of Business Administration and Economics Emeritus
B.S., M.S., CPA

Earl E. Barrett (1954-1966)
Assistant Professor of Philosophy Emeritus

Forest T. Benner (1964-1981)
Professor of Theology Emeritus
B.S., S.T.B., Th.M., Ph.D.

Harriet Arneson Demaray (1952-1973)
Assistant Professor of English Emerita
B.A., M.A.

Floyd B. Dunn (1958-1972)
Assistant Professor of Education Emeritus
B.A., M.S.

Clarence E. Grothaus (1952-1979)
Professor of Chemistry Emeritus
B.A., M.A., Ph.D.

Assistant Professor of Violin Emerita
B.Mus., B.S., M.Mus.Ed

Professor of Education Emeritus
B.S., M.A., Ph.D.

Harvey Humble (1946-1980)
Professor of History Emeritus
B.A., M.A.

Otho Jennings (1964-1981)
Professor of Sociology Emeritus

Gunnell Jorden (1966-1982)
Assistant Professor of English Emerita
B.A., M.A.

Naomi Larsen (1935-1975)
Professor of Piano and Voice Emerita
B.Mus., M.Mus., (piano), M. Mus. (voice)
Degree and Enrollment Statistics

### Degrees Granted (July 1-June 30)

<table>
<thead>
<tr>
<th>Degree Type</th>
<th>1984</th>
<th>1985</th>
<th>1986</th>
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<tbody>
<tr>
<td>Associate of Arts</td>
<td>48</td>
<td>34</td>
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<tr>
<td>Bachelor of Arts</td>
<td>123</td>
<td>121</td>
<td>107</td>
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<tr>
<td>Bachelor of Science</td>
<td>176</td>
<td>155</td>
<td>172</td>
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<tr>
<td>Bachelor of Theology</td>
<td>4</td>
<td>5</td>
<td>5</td>
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<tr>
<td>Master of Arts</td>
<td>8</td>
<td>5</td>
<td>3</td>
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<tr>
<td>Master of Arts in Education</td>
<td>0</td>
<td>8</td>
<td>4</td>
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<tr>
<td>Master of Church Management</td>
<td>1</td>
<td>3</td>
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<tr>
<td>Total</td>
<td>360</td>
<td>331</td>
<td>326</td>
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### Fall Enrollment Statistics

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<tr>
<th>Level</th>
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<tbody>
<tr>
<td>College Level</td>
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<tr>
<td>Freshmen</td>
<td>498</td>
<td>493</td>
<td>470</td>
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<tr>
<td>Sophomores</td>
<td>412</td>
<td>365</td>
<td>373</td>
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<tr>
<td>Juniors</td>
<td>354</td>
<td>318</td>
<td>301</td>
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<tr>
<td>Seniors</td>
<td>311</td>
<td>283</td>
<td>278</td>
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<tr>
<td>Other Undergraduates</td>
<td>128</td>
<td>118</td>
<td>114</td>
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<tr>
<td>Graduate</td>
<td>68</td>
<td>96</td>
<td>206</td>
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<tr>
<td>Total Enrolled</td>
<td>1,771</td>
<td>1,673</td>
<td>1,742</td>
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<tr>
<td>Equivalent full-time students (15 semester hour load)</td>
<td>1,642</td>
<td>1,538</td>
<td>1,561</td>
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</table>

### Student Credit Hours by Division

<table>
<thead>
<tr>
<th>Division</th>
<th>Fall, 1984</th>
<th>Fall, 1985</th>
<th>Fall, 1986</th>
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<tbody>
<tr>
<td>Education and Psychology</td>
<td>3,337.5</td>
<td>3,372</td>
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<tr>
<td>Nursing</td>
<td>1,015</td>
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<td>Fine Arts</td>
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<td>1,746.5</td>
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<tr>
<td>Languages and Literature</td>
<td>4,199</td>
<td>4,336</td>
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<tr>
<td>Natural Sciences</td>
<td>4,987</td>
<td>3,842</td>
<td>3,820.5</td>
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<tr>
<td>Religion and Philosophy</td>
<td>3,642</td>
<td>3,176</td>
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<tr>
<td>Social Sciences</td>
<td>4,712</td>
<td>4,697</td>
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<tr>
<td>Graduate</td>
<td>329</td>
<td>380</td>
<td>1,048</td>
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<tr>
<td>General Studies</td>
<td>556</td>
<td>498</td>
<td>515.5</td>
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<tr>
<td>Total Student-Credit Hours</td>
<td>24,636.5</td>
<td>23,069.5</td>
<td>23,413.5</td>
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</table>
This alphabetical listing of members of the faculty gives reference to the department in which they teach, where a more complete listing of their positions and degrees is shown.

Gerald Anderson, Music
Mark Ahlseen, Economics
Douglas Armstrong, Chemistry
Kenneth Armstrong, Business
W. Vincent Arnold, History
David Atkinson, Mathematics
Brian Baker, Physical Education
Lois Barnett, Nursing
William Beaney, Biology
William Bell, Psychology
Deborah E. Bembry, Education
Joseph Bentz, English
Lynette M. Christensen, Library
Richard Colling, Biology
Harvey Collins, Art
Albertta David, Nursing
Linda Davison, Nursing
William Dean, Theology
Carol Doenges, Physical Education
D. George Dunbar, Music
Alice Edwards, Music
Ruthmarie Eimer, Music
C. William Ellwanger, Religion
Larry Ferren, Chemistry
Larry Finger, English
Alfred Fleming, Geological Sciences
William Foote, English
Jack Furbee, Education
Franklin Garton, Psychology
Amy Golyschko, Nursing
Linda Greenstreet, Nursing
John Hanson, Chemistry
John W. Hawthorne, Sociology
Leona Hayes, Nursing
Robert Hayes, Food Science
Kenneth Hendrick, Biblical Literature
Susan Hobbs, Nursing
Ralph Hodge, Physical Education
Janice Holmes, Nursing
Harlow Hopkins, Music

Bill Isaacs, History
Randal Johnson, Biology
David Kale, Speech Communication
Charlotte Keck, Nursing
Nancy Kendall, Speech Communication
Randall Kinnersley, Business
Jim Knight, Psychology
George Lyons, Biblical Literature
Shirlee A. McGuire, English
Joanne Marquart, Business
Connie Milton, Nursing
Timothy Nelson, Music
Ivor Newsham, Physics
Joseph Nielson, Sociology
Joe M. Noble, Music
Keith O’Dell, Mathematics
Leslie Parrott, Theology
Brenda Patterson, Physical Education
Lolita Phelps, Music
Lottie Phillips, English
Stephen Pusey, History
Max Reams, Geological Sciences
Phyllis Reeder, Nursing
Larry Reinhart, Religion
Loretta Reinhart, Nursing
John Reinicke, Music
Loramee Rentfro, Nursing
Diane Richardson, Home Economics
Dennis Roland, Physical Education
Donald Royal, Art
J. Ottis Sayes, Christian Education
Gene Shea, Business Accounting
Robert Smith, Theology
Sara Spruce, Education
Gary W. Streit, English
Donald Toland, Speech Communication
Ruth Tomashke, Library
Vicki Trylong, Modern Language
Dixie Turner, Education
Larry D. Vail, Mathematics
Stephen Vanciel, Media Services
Kathryn Van Fossan, Library
Larry Watson, Physical Education
Harry Westfall, Education
M. Deane White, English
Rubalee Wickland, Home Economics
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OLIVET NAZARENE UNIVERSITY
KANKAKEE, ILLINOIS 60901
Dr. Leslie Parrott, President
Yes! I want to know more about Olivet Nazarene University.

Please send me:  ____ Application for Admission  ____ Financial Aid Information

My Intended Major (Vocational Goal)

I am Interested in:  (Write 1, 2, 3, 4 if you have more than one interest)

Accounting  Family Services  Physics
Art  Fashion Merchandising  Pre-Dental
Biblical Literature  Finance  Pre-Law
Biology, Botany  Geology  Pre-Medical
Broadcasting  History, Political Science  Pre-Physical Therapy
Business  Home Economics  Psychology
Chemistry  Journalism  Religion, Philosophy
Christian Education  Languages  R.O.T.C.
Church Music  Management, Marketing  Secretarial Science
Computer Science  Mathematics  Social Welfare
Dietetics, Foods  Medical Technology  Sociology
Economics  Music  Speech Communication
Education  Nursing  Theology
Engineering  Office Administration  Zoology
English  Physical Education

Please Print:
Miss  Mr. Mrs. ________ Year of H.S. Graduation 19

Address __________________________ Phone: ( ) __________
City, State __________________________ ZIP __________

High School or College: __________________________
Birthday __________________________

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Miss  Mr. Mrs. ________ Year of H.S. Graduation 19

Address __________________________ Phone: ( ) __________
City, State __________________________ ZIP __________

High School or College: __________________________
Birthday __________________________
# Olivet Nazarene University Calendar 1987-88

## Summer Terms 1987
- May 13-June 3: Session I
- June 8-June 26: Session II
- June 29-July 31: Session III

## Fall Semester 1987
- August 24: Monday, Orientation for new students
- August 25: Registration Day for all students for Fall Semester
- August 26: Wednesday, 7:30 a.m., classes begin
- September 25: Final day to drop Block I courses
- September 27-30: Fall Revival
- October 12: Columbus Day (Monday only classes will meet)
- October 20: Tuesday, Mid-Semester (Block II courses begin)
- November 5-8: Homecoming
- November 17: Final day to drop Block II courses
- November 24: Thanksgiving Holiday begins Tuesday at close of classes
- November 30: Monday only classes will meet
- December 1: Class schedule resumes Tuesday, 7:30 a.m.
- December 15-18: Final Examinations

## Spring Semester 1988
- January 6: Wednesday, Orientation for new students; Registration Day for Spring Semester for all students
- January 7: Thursday, 7:30 a.m., classes begin
- February 4: Final day to drop Block III courses
- February 14-17: Spring Revival
- February 25-26: Winter Break, no classes
- March 2: Wednesday, Block IV courses begin
- March 25: Spring recess begins Friday at close of classes
- April 5: Tuesday, 7:30 a.m., Spring recess ends
- April 14: Final day to drop Block IV courses
- May 3-6: Final Examinations
- May 7: Commencement Concert
- May 8: Sunday 5:00 p.m., Baccalaureate Sermon
- May 9: Monday, 9:30 a.m., Commencement

## Summer Terms 1988
- May 11-June 1: Session I
- June 6-June 24: Session II
- June 27-July 29: Session III
Quality Education with a Christian Purpose