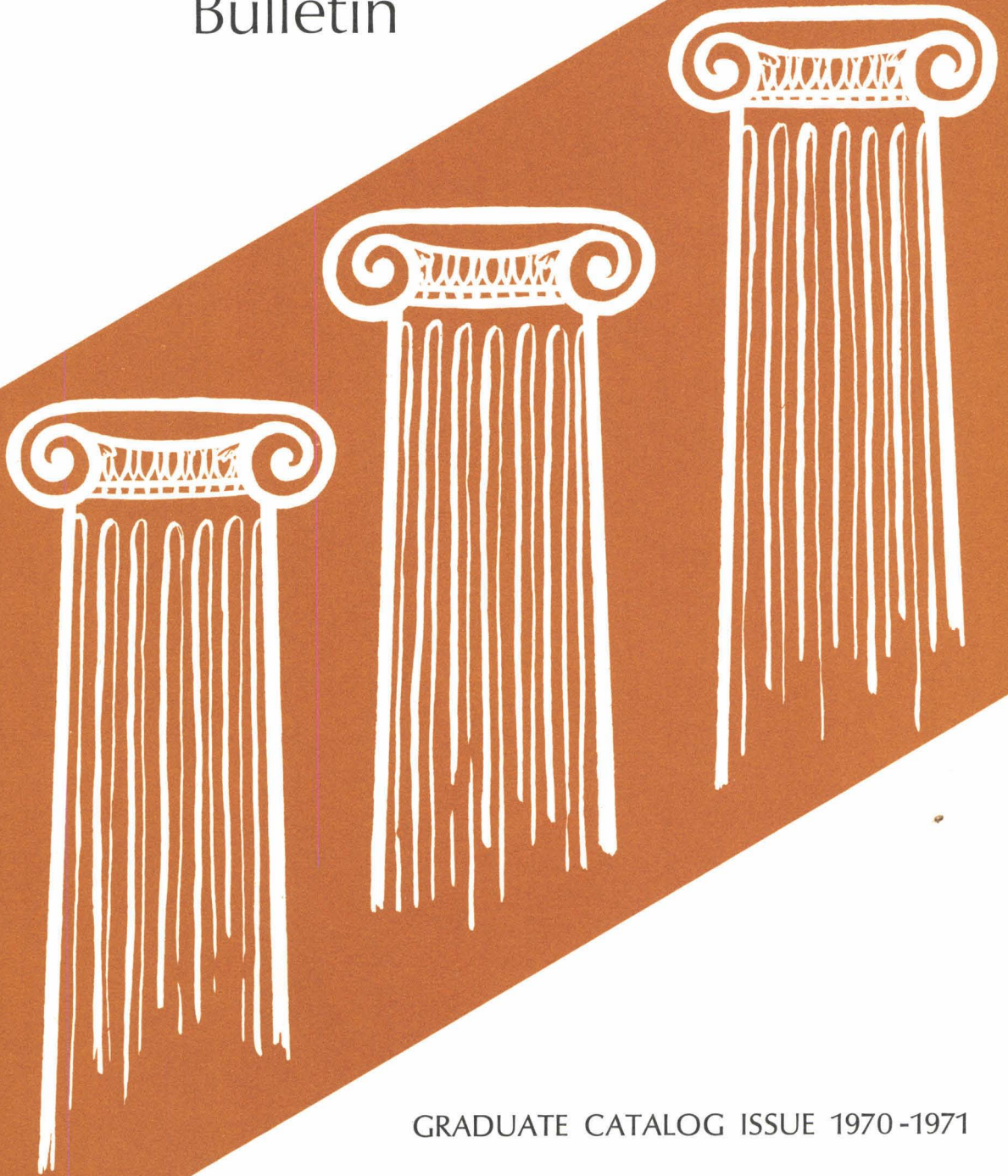


University of Dayton Bulletin



GRADUATE CATALOG ISSUE 1970-1971



DAYTON, OHIO 45409

THE UNIVERSITY OF DAYTON BULLETIN

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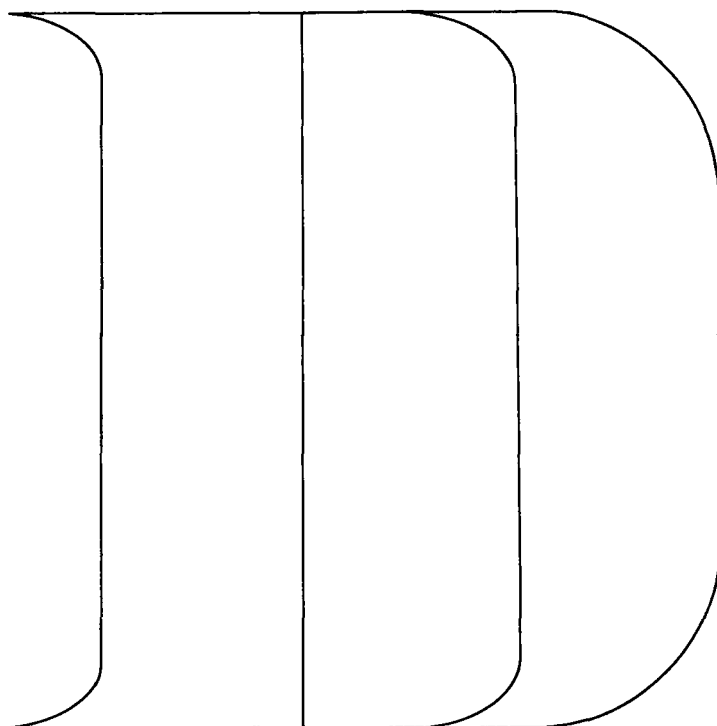
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The University of Dayton Bulletin includes the admissions catalog issue, the undergraduate catalog issue, the graduate catalog issue, the evening session announcements, and the summer session announcements.

The provisions of the various issues of this Bulletin are to be considered directive in character and not as an irrevocable contract between the student and the University. The University reserves the right to make any changes that seem necessary or desirable.

The current number of any of these publications may be obtained by applying to the office of the Provost.

University of Dayton Bulletin



The Graduate Catalog Issue 1970-71

College of Arts and Sciences
School of Business Administration
School of Education
School of Engineering

DAYTON, OHIO 45409

Academic Calendar

1970-1971

FIRST TERM

Aug. 31	Mon.	Classes begin at 8 a.m.
Sept. 7	Mon.	Labor Day—no class meetings
Sept. 8	Tues.	Last day for add in schedules
Oct. 17	Sat.	Homecoming—Graduate and Saturday only classes conducted
Oct. 24	Sat.	Graduate Record Exam (file application 4 weeks in advance)
Nov. 14	Sat.	National Teacher Exam
Nov. 25	Wed.	Thanksgiving recess begins after the last evening class
Nov. 30	Mon.	All classes resume
Dec. 8	Mon.	Feast of the Immaculate Conception—No class meetings
Dec. 12	Sat.	Graduate Record Exam (file application 4 weeks in advance)
Dec. 11-17		Examinations in evening classes conducted during final class meeting
Dec. 14-17		Day Examinations—Term ends after the last examination
Dec. 19	Sat.	Diploma exercises

SECOND TERM

Jan. 5	Tues.	Classes begin at 8 a.m.
Jan. 12	Tues.	Last day for add in schedules
Jan. 16	Sat.	Graduate Record Exam (file application 4 weeks in advance)
Jan. 30	Sat.	National Teacher Exam

1970-1971

Apr. 3	Sat.	National Teacher Exam
Apr. 7	Wed.	Easter recess begins after the last evening class
Apr. 13	Tues.	All classes resume
Apr. 16-22		Examinations in evening classes conducted during final class meeting
Apr. 19-22		Day Examinations—Term ends after the last examination
Apr. 24	Sat.	Graduate Record Exam (file application 4 weeks in advance)
Apr. 25	Sun.	Commencement exercises

***THIRD TERM (First Session)**

May 10	Mon.	Classes begin at 8 a.m.
May 14	Fri.	Last day for add in schedule
June 14-18		Examinations in evening classes conducted during final class meeting
June 17-18		Day Examinations—Session ends after the last examination
June 19	Sat.	Examinations—Saturday classes only
June 19	Sat.	Graduate Record Exam (file application 4 weeks in advance)

*Courses in the MBA program will run from April 28 to June 19.

***THIRD TERM (Summer Session)**

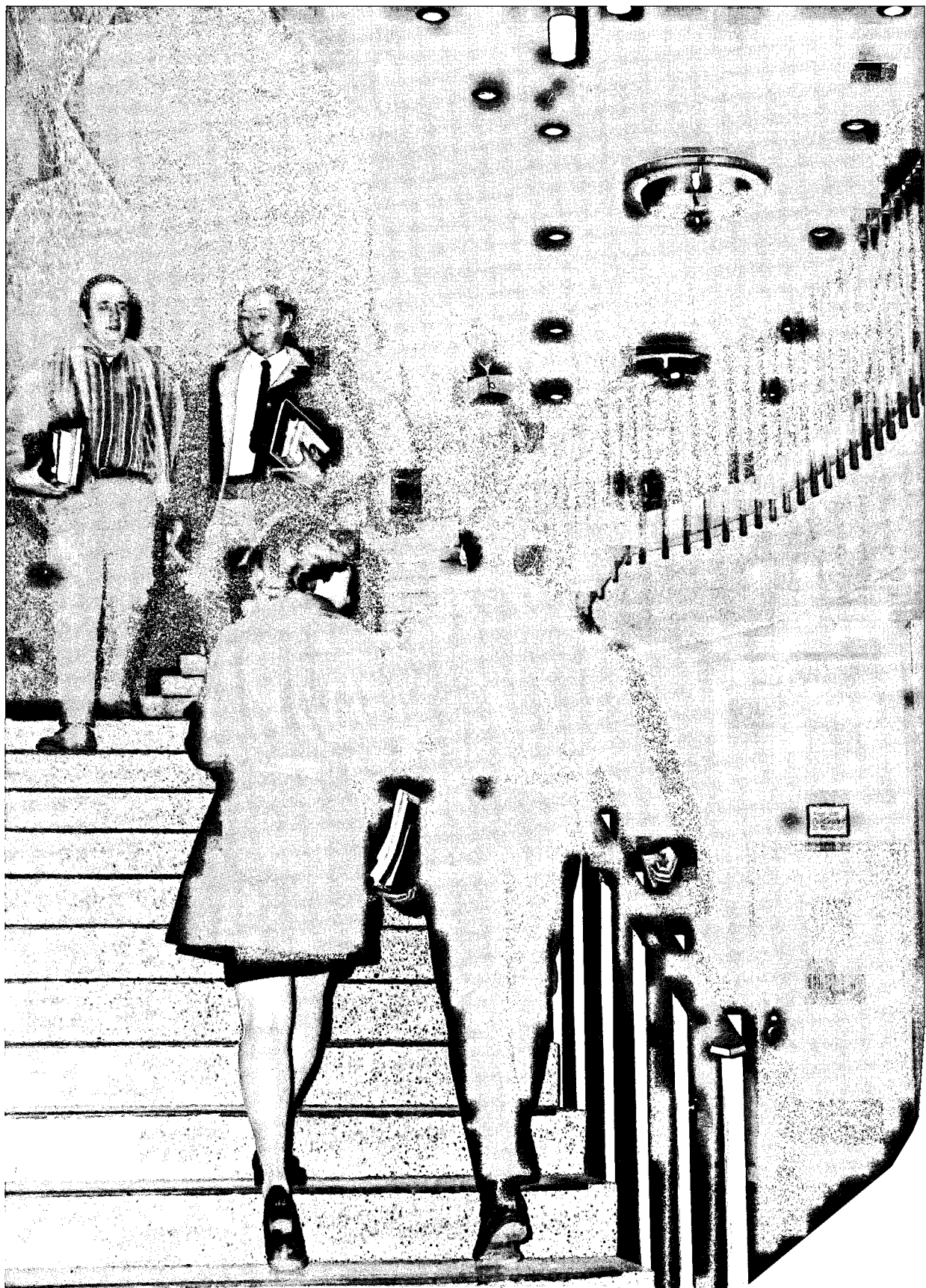
June 21	Mon.	Classes begin at 8 a.m.
June 25	Thurs.	Last day for add in schedules
July 5	Mon.	National holiday
July 17	Sat.	Graduate Record Exam (file application 4 weeks in advance)
July 17	Sat.	National Teacher Exam
July 26-30		Examinations in evening classes conducted during final class meeting
July 29	Thurs.	Examinations—4 p.m. on
July 30	Fri.	Examinations—Session ends after the last examination
Aug. 1	Sun.	Diploma exercises

*Courses in the MBA program will run from June 21 to August 10.



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I General Information

STATEMENT OF PURPOSE

The University of Dayton, operating in a pluralistic environment, deliberately chooses the Christian world view as its distinctive orientation in carrying out what it regards as four essential tasks: teaching, research, serving as a critic of society and rendering public service. The ultimate purpose of graduate work at the University is identical with this purpose.

The immediate objectives of a graduate school distinguish it from every other type or level of educational institution. Through its faculty, it seeks to create and maintain an academic atmosphere that is essential to graduate work. Its influence, therefore, extends first to its own membership, by promoting all forms of scholarly activity.

It labors further to give its students a thorough grasp of a chosen field of knowledge, special skills in methods of research, and sharpened powers of independent thought. Under the guidance and inspiration of a scholarly staff, students are given the constant use of library, laboratories, and other educational facilities. Above all, a graduate student is expected to bring marked initiative to his work and to assume full responsibility for the progress of his studies. The courses of instruction can be no more than the point of departure and a basis for wide reading and personal investigation.

The number of credit hours demanded for a graduate degree is merely the material requirement; the form and substance of graduate work are conceived as the mastery of a subject-matter with understanding of its relations to kindred branches of knowledge.

In short, graduate work, for the student at the University of Dayton, has for its purpose an integrated program of advanced study based on adequate undergraduate preparation in a specific field of study. It presupposes academic and personal maturity and makes more than average demand upon the initiative, the industry, and the scholarship of the candidates for an advanced degree.

ACCREDITATION

The University of Dayton is officially accredited by the following agencies:

The State of Ohio, Department of Education.

The North Central Association of Colleges and Secondary Schools.

The National Council for Accreditation of Teacher Education (for preparation of elementary and secondary school teachers).

The Engineers' Council for Professional Development for Chemical, Civil, Electrical, and Mechanical Engineering curricula; also for programs of Electrical, Industrial, and Mechanical Technology in the Technical Institute.

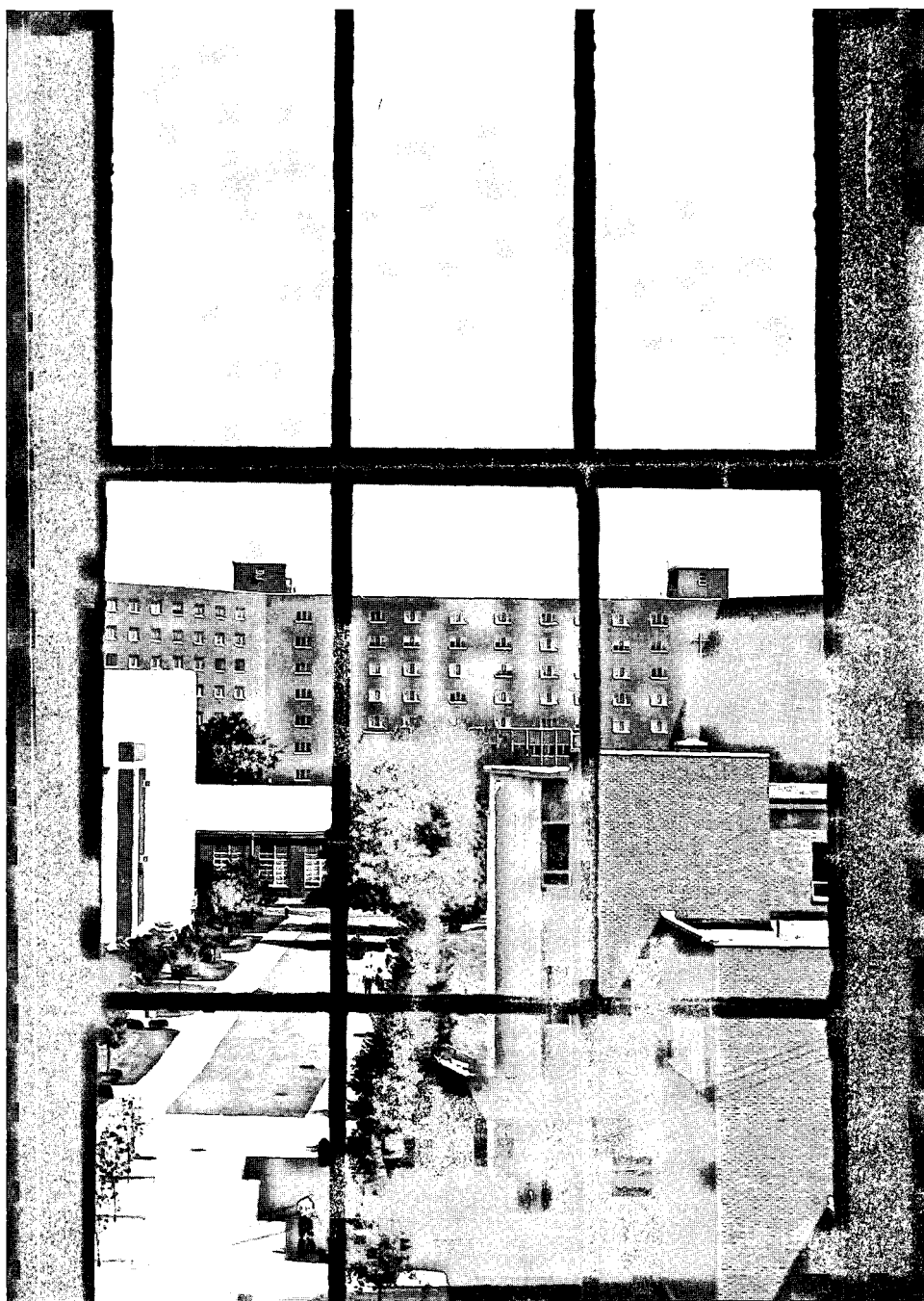
The University has the approval of the American Medical Association for its Pre-Medical program and of the American Chemical Society for its program in Chemistry.

INSTITUTIONAL MEMBERSHIP

The University holds institutional membership in the following associations: The Association of American Colleges; The American Association of Colleges for Teacher Education; The American Council on Education; The American Society for Engineering Education; Association of Graduate Schools in Catholic Universities; Council of Graduate Schools; The Institute for International Education; The International Council on Education for Teaching; Midwest Conference on Graduate Study; National Association of Foreign Student Affairs; The National Catholic Educational Association; The Ohio Association of Counselor Educators; The Ohio College Association; The Council on Social Work Education; The Ohio Council for the Advancement of Educational Administration; Ohio Council on Advanced Placement.

CONSORTIUM MEMBERSHIP

The University is a member of the following Consortia: Dayton-Miami Valley Consortium (DMVC); Consortium for Higher Education in Religious Studies (CHERS); Consortium of the Hebrew Union College Biblical and Archeological School of Jerusalem.





II Academic Information

ADMISSION

Men and women graduates of approved colleges or universities with a Bachelor's degree are eligible for admission. Applicants must have had an adequate undergraduate preparation in their proposed field of study and must show promise for pursuing higher studies satisfactorily. Additional requirements of specific curricula are noted in their respective portions of this bulletin.

A student is expected to assume full responsibility for knowing the regulations and pertinent procedures of the Graduate School as set forth in this publication and for meeting the standards and requirements expressed by these regulations.

APPLICATION FOR ADMISSION

Inquiries concerning admission and requests for application forms should be addressed to the Office for Graduate Studies or to the office of the Dean of the College or School. The application for admission to graduate work should be submitted by August 1 for the first term, by December 1 for the second term, by April 1 for the third term, and by June 1 for the second half of the split third term. It is the responsibility of the student that his application, with all the necessary supporting documents, be complete and in order before registration if he is to be admitted as a graduate student.

Students from foreign countries may be admitted to graduate courses for which they are prepared and, if found capable, may pursue a program leading to a degree. In addition to the information required of all students, the foreign student must submit an Institute for International Education request for application material form for evaluation before an admission application can be furnished. A foreign student must submit the following information along with his application for admission:

1. Test scores of the Graduate Record Examination (GRE) and the Test of English as a Foreign Language (TOEFL);
2. A medical questionnaire completed by a responsible medical authority certifying that the student's physical, mental, and emotional balance is adequate for the work he intends to undertake.
3. Evidence of sufficient funds to cover tuition costs for the first year, room and board and return transportation costs. Moreover, the foreign student must carry health insurance and be prepared to pay the first annual premium (\$21.00) upon arrival at the University.

Foreign students should complete the application for admission to graduate work by July 1 for the first term, by November 1 for the second term, by March 1 for the third term. Original inquiries should be made at least one year before the term to which the student seeks admission.

There are no exceptions for foreign students to the above rules.

CLASSIFICATION OF STUDENTS

Regular Status

On regular status are students who have met satisfactorily all the general requirements of the school and the specific requirements of the department in which they are working.

Conditional Status

On conditional status are applicants who must fulfill some prerequisite imposed by the school or department before their admission to regular status. Included likewise are students from foreign countries whose native language is not English and students whose preparation cannot be adequately determined.

Unclassified Status

Students who belong to any of the following categories are considered as unclassified. These individuals will be considered as students of a school or the college but will not be officially enrolled in a graduate program leading toward a degree.

1. Non-programmed students, that is, students who fulfill all the requirements and are taking courses for credit, but are not seeking a degree;
2. Auditors, that is, properly qualified students who wish to follow graduate courses without working for credit. Auditors may be admitted to graduate courses with the permission of, and under the conditions required by the Dean. Tuition for auditors is the same as for students on regular status;
3. Transient students, that is, properly qualified students working toward a degree in another institution who have written authorization from the Dean of that institution to take specific courses at the University of Dayton for transfer of credit. Such students must satisfy all registration requirements in the given course that are mandatory for students working toward a degree at the University of Dayton.

Full Time-Part Time Status

The determination of the status as full or part time of Graduate Assistants, those engaged in research, and in general of all graduate students is made by the respective Dean.

DEGREES

The University of Dayton offers advanced studies leading to a degree of Master of Arts, Master of Business Administration, Master of Public Administration, Master of Science, Master of Science in Education, Master of Science in Engineering, Master of Science in Engineering Management, Master of Science in Chemical Engineering, Master of Science in Civil Engineering, Master of Science in Electrical Engineering, and Master of Mechanical Engineering.

SPECIFIC REQUIREMENTS FOR ALL DEGREES

Course Requirements

The College of Arts and Sciences and the Schools of Business Administration, Education, and Engineering offer programs variously distributed in time, leading to the Master's degree. Specific requirements are listed in those sections of this Bulletin which describe these degrees.

Residence Requirements

Residence requirements at the University of Dayton call for the equivalent of time normally demanded by the successful completion of twenty-four credit hours of graduate work. During the initial years of operation of any program, exceptions to this limitation may be made with the approval of the Dean concerned.

Minimum residence time requirement for students attending various combinations of terms is shown in the following table:

COMBINATION of TERMS	MINIMUM RESIDENCE
Students attending <i>ONLY</i> during regular academic year.	Two terms.
Students attending <i>BOTH</i> during regular academic year and third term.	Two terms or one term and two half terms.
Students attending <i>ONLY</i> summer sessions.	For summer sessions, (i.e., four second-half of third term sessions).

The minimum residence time requirement will not in any case be reduced by the acceptance of transfer credit.

Time Limit

All requirements for a Master's degree must be satisfied within seven calendar years from the time of matriculation. (Period of service in the armed forces is not included.)

Graduate Work in Other Institutions

A maximum of two courses of graduate work may be allowed in transfer from other accredited institutions provided the work be of "B" grade quality or better. The quality points are not transferred.

No transfer credit will be allowed for courses taken more than five years previous to matriculation in the graduate schools of the University of Dayton.

During the initial years of operation of any new program, exceptions to this limitation may be made with the approval of the Dean concerned.

Registration of Undergraduate Students for Graduate Courses

An undergraduate student may register for graduate courses only under the following conditions:

- a. Graduate courses to count toward the undergraduate degree.
 1. Approval must be obtained from the Graduate Committee of the particular Graduate School offering the course.
 2. The student's total load must not exceed seventeen (17) hours.
- b. Graduate Courses to count toward the graduate degree.
 1. Approval must be obtained from the Graduate Committee of the particular Graduate School offering the course.
 2. The student must be within fifteen (15) semester hours of completing credit hour requirements for graduation in his undergraduate program.
 3. The student's total load must not exceed seventeen (17) hours.
 4. Credit obtained for the graduate courses may not be counted toward both the Bachelor's and the future Master's degrees.
 5. The graduate tuition rates must be paid when registering in graduate courses for graduate credit.

Language Requirement

A reading knowledge of a foreign language may be required for a Master's degree at the discretion of the Department. Language courses for the convenience of graduate students can be had by special arrangement on a class or tutorial basis, through the Chairman of the Language Department. No graduate credit is allowed for the fulfillment of these language requirements.

Grades and Examinations

Grades are expressed on the student's permanent record in the following manner:

A—Excellent4 quality points

B—Average	3 quality points
C—Poor	2 quality points
F—Failed	0 quality points
K—Passed	

Credit is given but no corresponding quality points are given. This is used by certain departments when the thesis or special courses are not to affect the 3.0 cumulative quality point average needed to be in good standing.

P—In Progress

For the thesis or for courses which have not terminated at the end of a semester. After the courses or thesis are completed the P's are replaced on the permanent record by an A, B, C, F, or K with the corresponding credit and quality point average.

I—Incomplete

To be used when a course has terminated but the student has not completed his work. The I has 0 quality points per credit and does affect the cumulative quality point average. It can be changed to a letter grade when the student has completed his work.

Mid-Program Approval Form

To be in good standing a graduate student must have a 3.0 quality point average at all times. Midway through the graduate program, at the completion of 15 to 18 hours, the case of each student is reviewed. If the candidate has satisfactorily completed his program up to this point a "Mid-Program Approval Form" is submitted by his Chairman to the Office for Graduate Studies. Some departments also use this time for approving the thesis topic and frequently these departments prefer the term "candidacy."

Comprehensive Examination

A comprehensive examination is required in most programs. The examination may be oral or written, or both. Applications for all comprehensive examinations must be approved by the Chairman of the student's major department at least two weeks prior to the examination. Consult the explanation under each individual program for further details.

Thesis

In those departments requiring a thesis or an equivalent project, the work may not be undertaken without the approval of the Departmental Chairman or of an

advisor delegated by the Dean; both the form and the content of the thesis must have the approval of three members of the Department, including the faculty advisor and the Chairman.

Three final copies of an approved thesis in correct form must be submitted by the student, at least two weeks before graduation. Engineering students check Bulletin section from the School of Engineering.

Theses may not be published, in whole or in part, without the approval of the Administration of the University.

Withdrawals from Courses

Any withdrawal or change of course after the last date of registration is allowed only with written permission. Any change of course or withdrawal must be filed with each office that has a record of the student's admission form.

Use of Advanced Undergraduate Courses in the Graduate Program

1. Some but not all curricula permit the selection of designated upper-division (400) courses to be applied to the graduate program.
2. When upper-division courses are permitted for credit on the graduate level, in order to be accepted toward a degree, the work done shall be of "B" grade or better.
3. The graduate tuition rates must be paid when registering for graduate credit.

REGISTRATION

The responsibility for being properly registered rests with the student. Registration is required each term or session of all students who enter course work for credit; and of all students who wish to audit courses. The written approval of the proper dean or the designated advisor is required for admission to any course. Graduate Students must register by mail at least ten days prior to the registration dates listed in the academic calendar. Any student who has interrupted the normal sequence of of his graduate program is required to apply to the designated advisor or departmental chairman for permission to resume graduate study, at least two weeks prior to the date assigned for registration.

LIBRARY RESOURCES

The Albert Emanuel Library houses all general holdings plus the concentration of titles in the field of Electrical Engineering.

Specialized libraries are also open to graduate students as follows:

1. Departmental Libraries

- a. Biology, Mathematics, Physics, Psychology . . . Sherman Hall Library, third floor.
 - b. Chemistry, and Chemical, Mechanical, and Civil Engineering . . . Wohlleben Hall Library, third floor.
 - c. Mariology . . . Marian Library, south wing of the Albert Emanuel Library.
 - d. Education . . . Curriculum Library on the first floor of Chaminade Hall.
2. Other Libraries in the Area:
- There are several other libraries in the area available to graduate students. These include the public libraries, the Engineers' Club, Miami Valley Hospital, certain local industries, certain areas at Wright-Patterson Air Force Base, and the libraries of the affiliated institutions.

GRADUATE STUDENT ASSOCIATION

All University of Dayton graduate students are invited to be members of the Graduate Student Association. A small membership fee will be requested at the beginning of each academic year. This organization seeks to enhance the value of the academic experience by offering opportunities for graduate students from all fields to associate with one another and to become better acquainted with the faculty.

Through its student officers and committees it sponsors social events as well as discussion sessions, and it represents graduate student interests to the university administration.

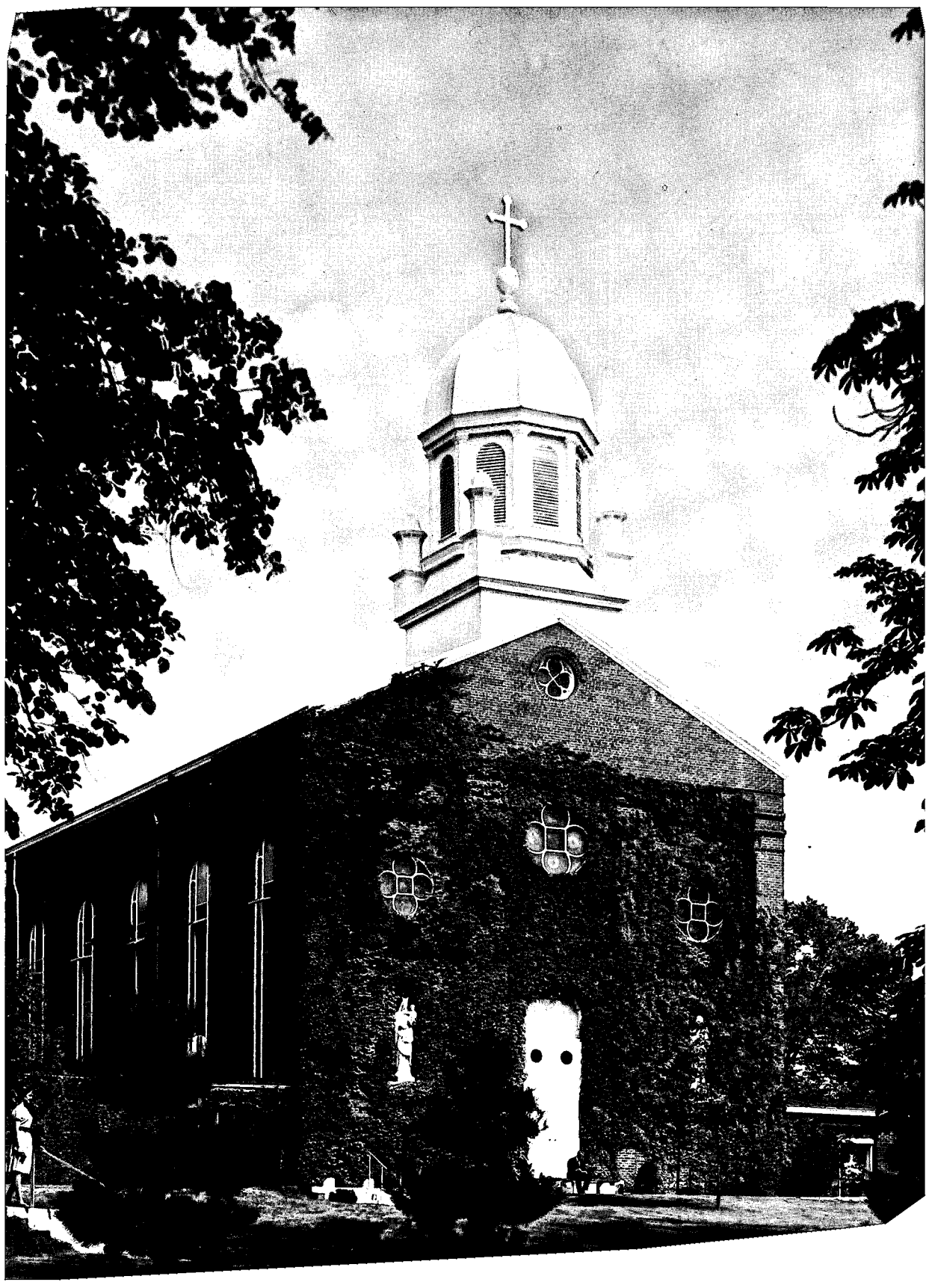
SEPARATION FROM THE UNIVERSITY

Separation from the University may follow upon graduation, withdrawal by the student, or dismissal.

The admission of candidates, their continuance and status, the awarding of academic credits, and the granting of a degree, are all subject to the ordinary regulatory powers of the University. It reserves the right to cancel, at its discretion, any of these privileges for reasons considered sufficient by its own governing body.

The various Deans reserve the right to review at intervals the work of their graduate students, and, in consultation with the Chairman of the Department, to recommend that those who are not doing work of a high caliber be advised to discontinue courses leading to a degree.

The disciplinary authority of the University is vested in the President by right, and in the Deans and other officers on whom jurisdiction may be conferred for specific cases and in restricted areas.



III Financial Information

GENERAL REGULATIONS

It is the rule of the University that tuition and fees are to be paid in full at the time of registration.

Where voluntary withdrawal, dismissal, illness, physical disability, or any extraordinary contingencies require a student to leave, he must notify the Dean of the School in which he is enrolled.

EDUCATION OF VETERANS

All departments of the University have been approved by the Veterans Administration for training under the G.I. Bill. Veterans' affairs are handled by Robert Hildreth, Veteran's Office, Room 108, St. Mary's Hall. All veterans attending the University must contact his office. Counseling by the Veterans Administration is available in the Guidance Center.

TUITION AND FEES

Tuition for Courses Taken for Undergraduate Credit

Per registered credit hour for lecture course.....\$40.00

Per clock hour for laboratory course..... 22.00

Tuition for Courses Taken for Graduate Credit

Per registered credit hour..... 50.00

Special rate for elementary teachers, high school
teachers, and administrators..... 40.00

Fees

Matriculation fee, payable once..... 10.00

Basic University Fee, each term.....	5.00
(This fee payable only once during the third term.)	
Graduation fee	\$26.00
(Includes binding of three copies of the thesis)	

A transcript of credits may be requested from the Office of the Registrar. The official transcript may be sent to the institution or organization desiring it or to the student himself. There is a fee of fifty cents for a transcript with less than twelve credit hours. The fee is one dollar for a transcript with twelve or more credit hours. For transcripts ordered in lots of two or more, the fee is one dollar for the first copy and fifty cents for each additional copy. The first copy requested after graduation is a free copy.

CANCELLATION AND REFUNDS

Cancellations will be allowed only after the completion of the proper withdrawal forms. For refund purposes the effective date of cancellation is the date the student notifies the proper Dean's office not the last day the student attended class. This date will appear on the withdrawal forms forwarded to the Treasurer's Office and will determine the amount of refund due.

Students who discontinue class attendance without officially completing the withdrawal procedures during the cancellation period will be responsible for the full amount of the applicable tuition and fees. Those called to military service before the end of a given term should consult with the Treasurer of the University regarding the special regulations that apply in this case.

During the four-week cancellation period for the first and second terms, the tuition charges will be made according to the following schedule:

During the first week of classes.....	20%
During the second week of classes.....	40%
During the third week of classes.....	60%
During the fourth week of classes.....	80%
During and after the fifth week of classes.....	100%

During the two-week cancellation period for each session of the split third term the tuition charges will be made according to the following schedule:

During first week of classes.....	35%
During second week of classes.....	70%
During or after third week of classes.....	100%

HOUSING

Ordinarily, there are no university-owned accommodations available during the first and second terms. Those interested in obtaining information regarding off-campus housing may contact the Housing Office (229-3317), Gosiger Health Center.

FELLOWSHIPS, SCHOLARSHIPS, ASSISTANTSHIPS

A limited number of Research Fellowships and Graduate Assistantships are available to students who are qualified. These carry a stipend and tuition refund provision which enable the recipients to complete the requirements for the degree in a two-year period.

Detailed information and forms for making application may be secured from the Dean of the School in which study is to be done.

