1942-1943 Bulletin
UNIVERSITY OF DAYTON

BULLETIN

SESSIONS 1942-1943

1942—Summer Session: June 22 to July 31;
Fall Term: August 31 to December 19.
1943—Winter Term: January 4 to April 18;
Summer Session: May 10 to July 31.

As in the past, the Summer Session of 1942 will have course offerings that will be sequences to those of the past summer sessions. In addition, Freshmen and upper classmen of all Divisions will be able to complete one-half of a semester's work.

There is a special summer bulletin announcing these offerings.

The Fall and Winter Terms of 1942-1943 will each cover a semester's program. If acceleration is still necessary at the end of the Winter Term, April 18, 1943, the twelve weeks summer session of 1943 will form an integral part of the program of courses.
CAL EN DAR

Fall Term 1942

August
31 ... Monday. Registration: Freshman Classes.

September
1 ... Tuesday. Registration: Sophomore Classes.
Freshman Program.

September
2 ... Wednesday. Registration: Junior and Senior Classes.
Freshman Program.

September
3 ... Thursday. Mass in honor of the Holy Ghost, 8:00
a.m. Classes begin, 9:10 a.m.

September
7 ... Monday. Labor Day. No Classes.

October
5, 6, 7 ... Annual Retreat during three class periods each day.

October
24 ... Saturday. Mid-term progress reports.

November
25 ... Wednesday. Thanksgiving Recess begins at noon.

November
29 ... Sunday. Return of campus students at 11:50 p.m.

November
30 ... Monday. Classes resume at 8:00 a.m.

December
8 ... Tuesday. Immaculate Conception. No classes.

December
14-19 ... Term examinations. Term reports.

December
19 ... Saturday. Christmas Recess begins at noon.

Winter Term 1943

January
4 ... Monday. Registration: Freshman Classes.

January
5 ... Tuesday. Registration: Sophomore Classes.

January
6 ... Wednesday. Registration: Junior and Senior Classes.

January
7 ... Thursday. Chapel Service, 8:00 a.m. Classes begin
at 9:10 a.m.

January
22 ... Friday. Chaminade Day.

February
27 ... Saturday. Mid-term progress reports.

March
10 ... Ash Wednesday.

April
12-17 ... Term Examination. Term reports.

April
18 ... Sunday. Baccalaureate Services, Commencement.

May 10 - July 31 ... Summer Session.

A Word To Parents

The Government, realizing the need for educated and trained minds,
does not want young men and women below the draft age to interrupt
their education.

Only where there is definite need of their services elsewhere, will the
Government consider any call on the youth of school age in America.
That time is neither at hand nor within immediate view.

So your sons and daughters should enter schools and colleges exactly
as in normal times.

And no matter what the future may bring forth, as parents you want
to make sure that your children have an education. A good education
does not depreciate, nor can that education be postponed. It must be
done now or will probably never be done at all.

[Signature]
President.
SPECIAL ADVANTAGES
Offered By
THE UNIVERSITY OF DAYTON

In addition to the regular undergraduate courses in Arts, Science, Business Administration, Education, and Engineering, the University of Dayton offers special advantages to both men and women students in the present emergency.

First, the regular four year courses will be put on an accelerated basis, part of which is indicated in this bulletin, by which a four year course can be completed in three calendar years. Students will cover the same amount of work as under the old plan; in consequence, there will be no lowering of the requirements or standards.

Secondly, in conjunction with the regular program of studies, and forming an integral part of the educational policies of the University, students will have the opportunity for training in some or all of the following specialized fields:

1. Basic Military Training (R.O.T.C.) for all physically fit men students.

2. Advanced Military Training (R.O.T.C.) for specially qualified men students.

3. Civilian Pilot Training Course, for men students, elementary and secondary.

4. Engineering, Science and Management Defense Training Courses, sponsored by the Government. These are tuition free but do not carry college credit. Under this program, high school graduates can take up such studies as:
   a) Engineering Drawing
   b) Machine Drawing
   c) Unified Mathematics, I and II
   d) Materials of Engineering
   e) Fundamentals of Radio, I and II
   f) Advanced Radio
   g) Industrial Safety Training
   h) Advanced Mathematics for Engineers
   i) Applied Mathematical Statistics and Probability for Engineers
   j) Strength of Materials
   k) Mechanism
   l) Direct Current Electrical Design
   m) Electrical Power Transmission
   n) Differential Equations
   o) Advanced Structures
   p) Elementary Aeronautics (for Women only)

5. Specifically for Women Students:
   a) Complete courses with laboratory in Home Economics: Foods and Textiles
   b) Nutrition in the Defense Program
   c) Home Nursing
   d) Nursing Education

6. For both Men and Women:
   a) First Aid
   b) Military German
   c) Industrial Management
   d) Economics of War.

For information on the Civilian Pilot Training, Engineering Science and Management Defense Training Courses, apply to Dr. M. E. Haas, S.M., Dean of Engineering.

For any other information, apply to the Registrar.
Departments of Instruction
Undergraduate
College of Arts and Sciences

A—Division of Arts
*1. Department of English.
*2. Department of Classical Languages.
*3. Department of Modern Languages.
   a. French.
   b. German.
   c. Spanish.
*5. Department of Sociology.
*6. Department of Political Science.
*7. Department of Economics.
*8. Department of Religion.
*9. Department of Philosophy.
*10. Department of Psychology.
*11. Department of Art.
*12. Department of Music.

B—Division of Science
*13. Department of Biology.
*14. Department of Chemistry.
*15. Department of Geology.
   b. Clothing and Textiles.
   c. General Home Economics.
   d. Home Management.
*17. Department of Mathematics.
*18. Department of Military Science.
*19. Department of Physics.
*20. Department of Nursing Education.
*21. Department of Physical and Health Education.

C—Division of Business Administration
*22. Department of Accounting.
*23. Department of Economics.
*24. Department of Business Organization.
*25. Department of Secretarial Studies.

D—Division of Education
*26. Department of Secondary Education.
*27. Department of Elementary Education.

College of Engineering

*28. Department of Chemical Engineering.
*29. Department of Civil Engineering.
*31. Department of Mechanical Engineering.
* Indicates departments in which a major is offered.

Graduate Division

Major Fields: English.
               Education.
               Philosophy.

Minor Fields: Economics.
              Psychology.

Note: A separate bulletin of the Graduate Division is issued.

RESERVED OFFICERS TRAINING CORPS

Military Science is given under the direction of officers of the U. S. Army. All men students who are physically fit and have not previously completed the basic course or its equivalent, follow Military Science in the freshman and sophomore years. Continuation is optional for juniors and seniors.

The general objective is to qualify the student for leadership in time of national emergency, particularly as an officer of the Army of the United States. The immediate purposes are to awaken in the student an appreciation of the obligations of citizenship, to prepare him to discharge his duties as a citizen, and to promote his understanding of discipline, organization, and management of men.

Students enrolled in Military Science and Tactics are organized as a Reserve Officers' Training Corps battalion of Infantry with a band company, under command of a cadet major. Subordinate organizations are commanded by cadet captains and lieutenants. All cadet sergeants are members of the junior class. Cadet corporals are appointed from the sophomore class. On successful completion of the Second Advanced Course, the student is commissioned second lieutenant, Infantry Reserve.
Curriculum Leading to Bachelor of Arts

Admission Requirements.

Graduation from an accredited high school, with a total of not less than 15 units, including English, 3 or 4; foreign language, 2; social science, 2; mathematics, 2; science, 2; electives, 3 or 4.

Requirements for the First Two Years.

Courses corresponding to freshman and sophomore years are designated as lower division courses. These courses are selected with a view to bring the student into contact with the broad fields of the humanities, the natural and the social sciences, and to teach him the use of the tools of learning. Basic courses are also offered in order to prepare the student for his selected field of concentration. Ordinarily 64 credits in the lower division, or courses numbered 100 and 200, are required.

Freshman Year
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military
4. Physical and Health Education.
5. English Composition, Public Speaking.
7. A foreign language: French, German, Spanish, Latin or Greek.
8. Biology, Chemistry, Geology, or Mathematics.

Sophomore Year
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
4. A foreign language.
5. English and American Literature.
6. Psychology.
7. History, Economics, Political Science, or Sociology.

Requirements for the Third and Fourth Years

Courses corresponding to junior and senior years are designated as upper division courses, courses numbered 300 and 400. The junior and senior years are generally devoted to study in the major and minor fields, ordinarily chosen from the departments of the Division of Arts. One major and two minors must be chosen. The student is advised to carry two courses in his major field each semester. When philosophy is not elected as the major, it must be taken as one of the minors. Ordinarily 64 credits in the upper division are required; of these 48 are in major and minor fields, and the balance in electives.

Pre-Professional Courses

The schedule should be drawn up with a view to preparation for a particular profession which the student may have in mind. Hence it is imperative that the student consult so as to receive the proper educational and vocational guidance.

Law

Students contemplating the legal profession can generally satisfy the requirements of Schools of Law by following the curriculum prescribed for the Division of Arts or the Division of Business administration. Information as to specific requirements should be secured from the particular School of Law which the student desires to enter. Ordinarily ninety credit hours will admit to law school; in particular instances, a bachelor's degree is required.

Foreign Service

For foreign service, a curriculum, similar to that of pre-legal students, should be followed with special emphasis on foreign languages, political science, and history.

Ministry

Two years of college study are required for admission to the first year of Philosophy in diocesan seminaries. During these years stress should be placed upon English, the classical and modern foreign languages.

Social Service and Public Administration

In the fields of social service and public administration, there is a great demand for trained personnel. The bachelor's degree is required for admission to a recognized School of Social Work. The undergraduate curriculum should include courses in biology, economics, philosophy, political science, psychology, religion, sociology, and statistics.

Department of Art

In 1938 the Dayton Art Institute was affiliated with the University. By this arrangement students enrolled in the University may complete requirements for the degrees of Bachelor of Science in Education—Art Supervision—and Bachelor of Fine Arts. The liberal arts program for both of these degrees must be completed at the University. All professional art subjects are taught at the School of the Dayton Art Institute.

Classes are also arranged to provide an opportunity for those students choosing a minor in Art.

All prescribed courses in art required for certificates other than professional art are taught at the University by instructors of the Dayton Art Institute.
Students desiring the degree of Bachelor of Fine Arts, as also those wishing advanced standing in fine arts, must have their work evaluated by the Dean of the School of the Dayton Art Institute.

The candidate for the Degree of Bachelor of Fine Arts must have obtained a minimum of 155 credit hours, of which 105 must be in art or allied subjects, and the balance selected from subjects in the Division of Arts.

The following distribution of courses is recommended:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>9</td>
</tr>
<tr>
<td>Social Science</td>
<td>6</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
<tr>
<td>History of Art and Art Appreciation</td>
<td>8 or 9</td>
</tr>
<tr>
<td>Electives</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Art</td>
<td>105</td>
</tr>
</tbody>
</table>

Curriculum
Leading to Bachelor of Science

Admission Requirements.

Graduation from an accredited high school, with a total of not less than 15 units, including English, 3; foreign language, 2; Algebra, 1; Plane Geometry, 1; Chemistry or Physics, 1; Social Science, 2; electives, 5. Applicants wishing to prepare for the study of medicine must be in the upper two-thirds of their classes. Those wishing to major in mathematics, chemistry or physics, should present 1½ units in algebra.

Major Offerings in the Division of Science.

Candidates for the degree of Bachelor of Science may major in Biology, Chemistry, Geology, Mathematics or Physics. Related courses may also be chosen from the curricula of the various departments of the College of Engineering.

Ordinarily, 64 credits must be in courses in the upper division, that is, in courses numbered 300 and 400; of these, from 18 to 24 must be in the major, and at least 12 in each of the two required minors, and 6 in philosophy.

Pre-Medical Course

The following curriculum is recommended for Pre-Medical students. It meets the requirements for admission to approved medical schools as determined by the Council of Medical Education of the American Medical Association. It provides for majors in Chemistry and Biology. Pre-medical students are recommended to take a four-year course leading to the degree of Bachelor of Science. No student preparing for medicine will be permitted to take less than a three year course.

Freshman Year.
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical and Health Education.
5. English Composition and Literature.
6. Orientation.
7. General Inorganic Chemistry and Qualitative Chemistry.

Sophomore Year.
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
5. Comparative Anatomy.
7. Modern Languages: German or French.

Junior Year.
1. Quantitative and Physical Chemistry.
2. Histology.
3. Physiology.
4. Latin and Greek Derivatives; Theme Writing.
5. Modern Languages: German or French.
6. Psychology and Logic.

Senior Year.
1. Bacteriology.
2. Biochemistry.
4. General and Medical Ethics.
5. Embryology.

Pre-Dentistry

Pre-dental students are advised to follow the first three years of the pre-medical curriculum, although two years marked by high scholarship will satisfy the minimum requirements for admission to dental schools.

Medical Technology

Students interested in laboratory technology can satisfy their preliminary requirements at the University. Plans are being formulated whereby they will be able to complete their course in one of the local hospitals. A degree of Bachelor of Science in Medical Technology will be granted at the termination of the course.

Nursing Education

Students who have completed a standard course in Nursing at a properly accredited institution will be allowed sixty semester credit hours toward a degree. St. Elizabeth Hospital School of Nursing at Dayton is such an institution. (See Bulletin of St. Elizabeth Hospital School of Nursing.) INSTITUTIONAL AFFILIATION exists with the University of Dayton since November, 1938.

The collegiate course leads to the degree of Bachelor of Science, Bachelor of Science in Nursing or Bachelor of Science in Nursing Education.

The University of Dayton offers the following three plans to nurses who wish to secure one of the above degrees:

Plan I. The Combined Course: The Liberal Arts course at the University of Dayton correlated with the basic course in nursing at St. Elizabeth Hospital School of Nursing. This course may be completed in 4 or 5 years, depending upon the ability of the student.

Plan II. Two years at the University of Dayton followed by the three year basic course in nursing at St. Elizabeth Hospital School of Nursing.

Plan III. The completion of the three year basic course in nursing at St. Elizabeth Hospital School of Nursing followed by two years at the University of Dayton.

For further information consult the Registrar of the University of Dayton or the Director of the School of Nursing.

Program of the Five Year Combined Nursing and Collegiate Course Leading to a Degree

For the collegiate course leading to the degree of Bachelor of Science, Bachelor of Science in Nursing or Bachelor of Science in Nursing Education the following curriculum should be followed:

1. Basic Professional Course in Nursing 60 credits.
2. A minimum of 42 academic or non-professional credits in the following subjects:
   - English ................................................. 12 credits
   - Philosophy .............................................. 6 credits
   - Psychology .............................................. 6 credits
   - History and Social Sciences ......................... 12 credits
   - Natural Science ...................................... 8-8 credits
3. Electives, including Nursing Education and General Education, may be chosen depending upon the degree desired.
4. For the degree of Bachelor of Science in Nursing 8 additional credits in Nursing Education are required.
5. For the degree of Bachelor of Science in Nursing Education the required number of credits in General Education is 10-12 and in Nursing Education 18-20.
6. For the degree of Bachelor of Science 6-12 additional credits in Biology or Chemistry are required.

For the degree of Bachelor of Science in Nursing, survey courses and those giving a broad knowledge of nursing and its various fields are recommended.

For Nursing Education the above type courses plus some in Supervision, Administration and in the major fields of interest are recommended. Supervision and teaching in these latter fields are desirable.

Students who meet the requirements for the degree of Bachelor of Science in Nursing Education may become eligible for a Provisional Teacher's Certificate which will entitle them to teach in the fields for which they qualify. This will permit them to teach in State accredited schools. Those who are interested in obtaining this Provisional Teacher's Certificate should make the fact known at registration so that they may be properly directed in the outlining of their schedule of courses.
Home Economics

In September, 1942, a four-year curriculum leading to the degree of Bachelor of Science in Home Economics will be inaugurated. In succeeding years, an opportunity will be given for specializing in four fields:

a. Foods and Nutrition
b. Clothing and Textiles
c. Home Management
d. General Home Economics.

Admission Requirements.

Graduation from an accredited high school with a total of at least 15 units, including English, 3 or 4; mathematics, 2; history and social sciences, 2; physics, 1; biological science, 1; electives, 5 or 6.

Freshman Year only, will be offered in 1942-1943.

1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. Physical Health and Education.
4. English Composition and Literature.
5. General Inorganic Chemistry and Qualitative Chemistry.
7. Fine Arts.
8. Home Economics.

CURRICULUM
LEADING TO BACHELOR OF SCIENCE
In Business Administration

Admission Requirements

Graduation from an accredited high school with a total of at least 15 units, including: English, 3; Algebra, 1½; Plane Geometry, 1; social sciences, 5; electives.

Requirements for the First Two Years.

Courses corresponding to freshman and sophomore years are ordinarily prescribed. They are largely basic courses, intended to prepare the student for his selected field of concentration in the junior and senior years. Some provide a general education, especially in the humanities and social sciences.

Freshman Year.

1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical and Health Education.
5. English Composition, Public Speaking.
6. Introduction to Business.
7. Elementary Accounting.
8. College Algebra.
10. Orientation.

Sophomore Year.

1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
4. American Literature.
5. Principles of Economics.

Requirements for the Third and Fourth Years.

In the junior and senior years, students devote themselves to study in one major and in two minor fields. The student is advised to carry two courses each semester in his major field, and one course each semester in each of his two minor fields. The major field may be in one of the following:

a. Accounting
b. Business Organization
c. Economics.

A related minor must be in one of these three departments which has not been selected as the major. An unrelated minor must be in a department other than Accounting, Business Organization, or Economics. From 12 to 18 credits may be in electives, chosen from courses numbered 300
Secretarial Studies

Included in the Division of Business Administration is the Department of Secretarial Studies, offering a four-year program leading to the degree of Bachelor of Science in Secretarial Studies. This program provides for the basic courses in Secretarial Studies and Business Administration, general education in the humanities and social sciences, a major in Secretarial Studies, and two minors, in Business Organization and Economics, and some philosophy.

Admission Requirements.
Graduation from an accredited high school, with a total of at least 15 high school units, including: English, 3 or 4; Mathematics, 2; Social Science, 2; electives.

Freshman Year.
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical Health and Education.
5. English Composition and Public Speaking.
8. Secretarial Accounting.

Sophomore Year.
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
5. Advanced Shorthand.
6. Advanced Typing.
7. Secretarial Accounting and Theory.
9. Psychology.

Junior Year.
2. Advertising.
4. Retail Merchandising.
5. Dictation and Transcription.

Senior Year.
1. Labor Problems.
3. Insurance.
4. Personnel Administration.
5. Ethics.

CURRICULUM
LEADING TO BACHELOR OF SCIENCE
In Education

Admission Requirements.
Graduation from an accredited high school, with a total of at least 15 high school units, including: English, 3; social science, 2; mathematics, 2; science, 2; foreign language, 2; electives, 3 or 4.

Degree Requirements.

All curricula leading to the degree of Bachelor of Science in Education are four-year, or eight semesters, and must include 128 credits, or more, according to the requirements of the State Department of Education. Ordinarily, also, one-half of the work, or 64 credits, must be in the upper division or in courses numbered 300 and 400. Provision is made to meet the requirements of the State Department of Education so that graduates are also eligible for State Teachers' certificates.

High School Teaching

Requirements for the First Two Years.
They may be the same as indicated in the Bachelor of Arts curriculum. If, however, the student wishes to prepare to teach mathematics, biological, physical, commercial or secretarial sciences, it will be advisable to follow the schedules for the first two years as outlined, in preceding pages, in the curricula leading to the degrees of Bachelor of Science, Bachelor of Science in Business Administration, or Bachelor of Science in Secretarial Studies.

Requirements for the Third and Fourth Years.
The junior and senior years are devoted to studies that will meet or complete the academic preparation in at least three teaching fields of not less than 15 semester hours in conformance to prescribed course requirements, as follows, as also the professional preparation. The work of these two years should be largely in the upper division, that is, courses numbered 300 and 400, and should consist of pertinent electives and include at least 6 credits in Philosophy.

The following is the required professional preparation:

A. Educational Psychology .................. 2-3 semester hours
   (Prerequisite: General Psychology)
B. Principles of Teaching (of Education)..... 2-3 semester hours
C. School Administration, Organization or
   Management ........................................ 2-3 semester hours
D. Methods of Teaching .......................... 2-3 semester hours
E. Student Teaching (in grades 7-12)......... 3-5 semester hours
F. Electives to make a minimum of 17 hours of professional credit from the following or other pertinent courses:

1. History of Education
2. Tests and Measurements
3. Educational Sociology
4. Secondary Education
5. Introduction to Teaching
6. Philosophy of Education.

Special Certificates

Included within, or in excess of, the requirements for the degree, the applicant should submit evidence of the required credits in the special field, earned at a teacher-training institution, approved in this field of training; as also of the following professional preparation:

A. Educational Psychology .................................................. 2-3 semester hours
   (Prerequisite: General Psychology)
B. Principles of Teaching (or Education) ............................. 2-3 semester hours
C. School Administration, Organization or Management ........ 2-3 semester hours
D. Methods of Teaching .................................................. 2-6 semester hours
E. Student Teaching ..................................................... 3-5 semester hours
   (Requirement varies with subject)
   (On both elementary and secondary levels)
F. Electives to make a minimum of seventeen semester hours of professional credit from the following or related courses:

1. History of Education
2. Tests and Measurements
3. Educational Sociology
4. Introduction to Teaching
5. Philosophy of Education.

Academic preparation substantially equivalent to the special requirements.

Elementary Teaching

Before the emergency caused by war-time conditions, applicants for the elementary provisional certificate should have completed the curriculum for elementary education prescribed below.

Effective September 1, 1942, and thereafter until a more adequate supply of elementary teachers is available, the Division of Certification of the Department of Education of the State of Ohio will issue the four-year provisional certificate, upon the recommendation of the teacher-training institution, to those who have completed an approved three-year elementary curriculum in an approved institution. The same Division of Certification will also issue temporary elementary certificates to those who have had less training or who hold a provisional or higher grade high school or special certificate under certain conditions and upon the request of a city, county or exempted village superintendent. Further information relative to directions from the Division of Certification can be obtained from the Dean of Education or from the Registrar of the University.

I. Professional Courses

A. Introduction to Education ........................................... 2 semester hours
B. Educational Psychology I ............................................ 2 semester hours
C. Educational Psychology II ........................................... 2 semester hours
D. Principles of Education .............................................. 2 semester hours
E. School Management .................................................... 2 semester hours
F. Methods Reading ...................................................... 3 semester hours
   Skills ................................................................. 3 semester hours
   Content .............................................................. 3 semester hours
G. Student Teaching .................................................... 5 semester hours

II. Art
   (Including Graphic Expression, Design, Materials and Methods)
   6 semester hours

III. English ................................................................. 15 semester hours
   (Including children's literature 3 semester hours, basic course, speech, and guaranteed grammatical competence)

IV. Health and Physical Education
   A. Hygiene ............................................................... 3 semester hours
   B. Health Activities .................................................. 3 semester hours

V. Music
   A. Literature and Appreciation ..................................... 2 semester hours
   B. Introduction to Music ............................................. 2 semester hours
   C. Music Education .................................................. 2 semester hours

VI. Practical Arts .......................................................... 3 semester hours

VII. Science
   A. General Science or Biology ....................................... 8 semester hours

VIII. Social Studies ........................................................ 24 semester hours
   (Composed of integrated basic course plus pertinent electives or distributed credits in history, political science, sociology, economics, principles of geography, problems of rural and urban life.)

Total Required Courses ................................................. 92 semester hours
Institutional Requirements ............................................. 20-23 semester hours
Untrammeled Electives .................................................. 12 semester hours
Total ................................................................. 124-140 semester hours
Freshman Year.
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical Health and Education.
5. English Composition and English Expression.
6. General Science or Biology.
7. Introduction to Education.
8. Art: Drawing.
10. Social Science.

Sophomore Year.
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
4. Introduction to Music in Elementary Schools.
5. General Psychology; Educational Psychology I.
8. Social Science.

Junior Year.
1. Education:
   a. School Management
   b. Principles of Education
   c. Improvement of Instruction in Reading, Language, and Literature.
2. English:
   a. Literature in the Elementary Grades
   b. Story Telling.
3. Physical Education:
   a. Teaching Health and School Health Problems
   b. Theory of Play and Minor Sports.
4. Social Science.

Senior Year.
1. English: Voice and Diction.
2. Educational Psychology II.
3. Improvement of Instruction in Arithmetic, Spelling, and Writing.
4. Improvement of Instruction in the Social Studies.
5. Student Teaching.
6. Art in the Elementary Schools.
7. Social Science.
8. Philosophy.

Art Supervision

Students who wish to receive the degree of Bachelor of Science in Education with a major in Art must have obtained 136 credits; of these, 67 must be in Art or subjects allied with Art, 20 in Education, and the balance in Liberal Arts subjects.

A teaching minor in Art may be obtained by completing 24 credits in Art, 20 in Education, and the balance in Liberal Arts subjects.

Students pursuing either of these curricula, must arrange their schedules each semester with the advice and approval of the Dean of the Dayton Art Institute, and of the Dean of Education of the University of Dayton.

The following schedule is recommended:

Freshman Year.
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical Education and Health.
5. English Composition and English Literature.
6. Public Speaking.
7. Social Science.
8. Introduction to Education.

Sophomore Year.
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
4. Physical Education and Health.
5. English Composition and English Literature.
6. Public Speaking.
7. Social Science.
8. Introduction to Education.

Junior and Senior Years.
1. Art, 30 credits.
2. Professional, including Art Appreciation, Art in the Elementary Schools, Methods of Teaching, Student Teaching, 15 credits.
3. Liberal Arts, including 6 credits in Philosophy, 22 credits.
College of Engineering

Admission Requirements.

Graduation from an accredited high school, with a total of not less than 15 high school units, including: English, 3; Algebra, 1½; Plane and Solid Geometry, 1½; Physics or Chemistry, 1; Social Science, 1; preferred electives: English, 1½; foreign language, 2; Natural Science, 1 or 1½; Vocational subjects, 2; Social Science, 1 or 1½.

Requirements for Engineering Degrees.

The courses leading to the degrees of Bachelor of Chemical, Civil, Electrical, and Mechanical Engineering are, in general, prescribed. Whilst in the third and fourth years there is place for electives, the number of credits indicated for electives is required. For the non-technical electives, philosophy, advanced military science, and the social sciences, are strongly recommended. The total number of credits required for graduation varies according to the department of engineering in which the degree is earned; in all cases, this number is more than the 128, prescribed for degrees earned in the College of Arts and Sciences.

CURRICULUM LEADING TO BACHELOR OF CHEMICAL ENGINEERING

Freshman Year.
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical Education and Health.
5. Engineering Survey.
6. English Composition, Public Speaking.
7. Unified Mathematics I and II.
10. Descriptive Geometry.

Sophomore Year.
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
4. Differential and Integral Calculus.
5. General Physics.
6. Quantitative Analysis.
7. Applied Mechanics I.
8. Literature or German.

Junior Year.
1. Thermodynamics.
4. Physical Chemistry.
5. Organic Chemistry.
6. Industrial Chemistry I.
8. Electives (9 credits).

Senior Year.
1. Hydraulics.
2. Industrial Chemistry II.
3. Technical Analysis.
4. Electrical Engineering.
5. Unit Operations.
6. Advanced Organic Laboratory.
8. Contracts and Specifications.
10. Electives (9 credits).
CURRICULUM LEADING TO BACHELOR OF CIVIL ENGINEERING

Freshman Year.
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical Education and Health.
5. Engineering Survey.
6. English Composition, Public Speaking.
7. Unified Mathematics I and II.
10. Descriptive Geometry.

Sophomore Year.
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
4. Literature.
5. Differential and Integral Calculus.
7. General Physics.
8. Applied Mechanics I.

Junior Year.
1. Applied Mechanics II.
4. Thermodynamics.
5. Route Surveying.
7. Advanced Surveying.
8. Theory of Structures.
11. Electives (6 credits).

Senior Year.
1. Structural Design.
2. Sanitary Engineering.
3. Highway Engineering.
4. Reinforced Concrete.
5. Water Supply.
6. Sanitary Laboratory.
8. Electrical Engineering.
10. Seminar.
11. Electives (6 credits).

CURRICULUM LEADING TO BACHELOR OF ELECTRICAL ENGINEERING

Freshman Year.
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical Education and Health.
5. Engineering Survey.
6. English Composition, Public Speaking.
7. Unified Mathematics I and II.
10. Descriptive Geometry.

Sophomore Year.
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
4. Literature.
5. Differential and Integral Calculus.
7. Elementary Surveying.
8. Applied Mechanics I.

Junior Year.
1. Applied Mechanics II.
2. Thermodynamics.
5. Alternating Current Circuits.
8. Direct Current Machinery.
10. Electives: Technical, 3 credits; non-technical, 3 credits.

Senior Year.
1. Alternating Current Machinery.
2. Electrical Design.
3. Hydraulics.
4. Seminar.
5. Contracts and Specifications.
6. Technical electives (6 credits).
CURRICULUM LEADING TO BACHELOR OF MECHANICAL ENGINEERING

Freshman Year.
1. Dogma, Moral (for Catholic students).
2. Character Formation (for non-Catholic students).
3. First-year Basic Military.
4. Physical Education and Health.
5. Engineering Survey.
6. English Composition, Public Speaking.
7. Unified Mathematics I and II.
10. Descriptive Geometry.

Sophomore Year.
1. Worship and Catholic Action (for Catholic students).
2. Philosophy of Living (for non-Catholic students).
4. Differential and Integral Calculus.
5. General Physics.
7. Literature.
8. Applied Mechanics I.
10. Tool Engineering I.

Junior Year.
1. Applied Mechanics II.
4. Thermodynamics.
5. Tool Engineering II.
6. Mechanical Engineering Laboratory I.
7. Electrical Engineering.
9. Applied Thermodynamics I.
11. Electives (3 credits).

Senior Year.
1. Applied Thermodynamics II.
2. Mechanical Engineering Laboratory II.
3. Advanced Kinematics and Kinetics of Machines.
4. Heating and Air Conditioning.
7. Metallurgy.
8. Seminar.

EXPENSES

Note. The Trustees of the University of Dayton reserve the right at any time to change the regulations of the University, including those concerning fees and the manner of payment, and to make such changes in the curriculum as they deem advisable.

The expenses indicated here are for each term of 1942-1943, unless otherwise indicated.

For All Students.
Matriculation Fee, payable once at entrance................................. $10.00
Tuition for a schedule of 15, 16, or 17 credits............................ 130.00
Note. This amount of $130.00 includes activities fees and entitles students carrying such a schedule to the benefits of activities.
Tuition per credit hour for students carrying less than 15, and in addition to the $130.00 for students carrying more than 17........ 8.00
Deposit on Uniform for Fall and Winter Terms of 1942-1943, for students taking Basic Military Training, returnable......................... 20.00
Laboratory Fee, for each laboratory, average.............................. 7.50
Breakage, Chemical, Physical, Biological, average...................... 7.50
Use of Typewriter........................................................................ 7.50

For Campus Students.
Board, Room, Laundry............................................................... 212.50
Room Deposit, returnable........................................................... 5.00

For Part-time Students.
Matriculation Fee, payable at first registration............................ 5.00
Registration Fee, payable by all others........................................ 1.00
Note. A student may not register for a new term, a transcript of credits will not be issued, the honors of graduation will not be conferred, unless accounts with the University have been satisfactorily settled.
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