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College of Arts and Sciences

DR. LEONARD A. MANN, S.M., *Dean*
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The purpose of the College of Arts and Sciences is two-fold: 1) to provide the means for a broad, liberal education directed toward the cultivation of the mind of the student and the optimum development of his intellectual capacities, and 2) to prepare the student for the practical task of making a living. In conformity with the purpose of the University, the College strives to obtain these objectives within the framework of the Christian principles which stem from philosophy and theology. Since these two disciplines are the integrating forces of the University, they enjoy within the College of Arts and Sciences the same primacy which they hold in the University itself.

Various programs are offered leading toward the degrees of Bachelor of Arts and Bachelor of Science. In all these programs adequate provision is made to attain the two-fold objective of the College. Thus, students majoring in a science will take courses in literature, foreign language, and the cultural branches of knowledge, such as history and music, to round out their education. Students working toward the Bachelor of Arts are obliged to take a minimum number of hours in science or mathematics or in both to complement the type of training provided by the humanities and the cultural subjects. The programs for both degrees also offer special preparation for the various professions, such as law, medicine, music, social service, personnel administration, nursing, etc. Students who are well qualified are encouraged and prepared to continue their education on the graduate level.

DEGREE REQUIREMENTS

For the Bachelor of Arts or Bachelor of Science degree, it is necessary to complete all the courses listed in one of the programs on the following pages. This will constitute a major field and usually a minor field. The total number of credit hours will vary from one program to another; the required number can be determined from the program in which the student is enrolled.

In most of the programs some courses are listed as electives. These courses are electives, not in the sense that they may be taken or not taken, but in that the student may elect any course that is offered for which he has prerequisites. They constitute an important part of his program, and permit some latitude in achieving the goals he has set for himself. It is always advisable to select these courses in consultation with the faculty adviser.

In the programs leading to the Bachelor of Arts degree, it is required that two years of foreign language be taken. This usually refers to a single language, but special modifications are sometimes made, with permission of the chairman of the department.

The major field normally constitutes twenty-four hours of upper level courses, and the minor field, twelve. Under unusual circumstances, it is possible to modify this requirement by the substitution of courses from other departments if they serve the specific interests of the student in his pursuit of his major field. This can be done only with the permission of the chairman; however, it is not permitted to take less than eighteen hours in a major field under any circumstances.

POSSIBLE MAJORS

For the Bachelor of Arts degree the possible majors are: communication arts, economics, English, fine arts, geology, history, languages and linguistics, mathematics, music, philosophy, political science, psychology, sociology or social work, and theological studies.

For the Bachelor of Science degree the possible majors are: biology, chemistry, computer science, geology, mathematics, home economics, (the general program or the dietetics program), medical technology, nursing, and physics.

ACADEMIC STANDING

As a requirement for graduation, it is necessary that the grade point average be at least 2.00 in the major field, in the minor field, and in the total college work.

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 the dean to receive the proper educational guidance.

Students contemplating the legal profession can generally satisfy the requirements of schools of law by following the curriculum prescribed for the degrees in liberal arts

or in 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.

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

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 the modern foreign languages.

In social service and public administration, there is a great demand for trained personnel. The Bachelor of Arts 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, sociology, statistics, and theological studies.

Students contemplating the medical profession should consult the pre-medical program (Program—S11 : pp. 94-95). They should also keep in touch with the pre-medical adviser.

Those who intend to enter other professions such as optometry, mortuary science, pharmacy, and veterinary science, may take a program of studies designed to give them admission to these schools. However, since these requirements differ so much among the various schools, each student has his program worked out with the professional school of his choice in mind.

TEACHER EDUCATION PROGRAM

Students planning to teach in secondary schools may elect a program of studies with a major in any academic discipline within the College of Arts and Sciences, and include sufficient courses from the School of Education, including student teaching, to qualify them for certification. For details of this program, see the School of Education section of this Bulletin.

GENERAL REQUIREMENTS FOR BACHELOR OF ARTS DEGREES

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
SPE ³	101	Fundamentals of Effective Speaking			3-0-3
THL ⁴	106	Dogmatic Theology		3-0-3	
—	—	Foreign Language course	3-0-3	3-0-3	
— ⁵	—	Science course	3-3-4	3-3-4	
			17	17	3
<i>Sophomore Year</i>					
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	251-2	American History	3-0-3	3-0-3	
MIL ⁶	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology	3-0-3		
PSY	201	Introduction to Psychology	3-0-3		
SOC	201	General Sociology		3-0-3	
THL ⁴	206	General Moral Theology		3-0-3	
—	—	Foreign Language course	3-0-3	3-0-3	
			16	16	

Junior and Senior Years

See specific programs on the following pages.

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ This course may be deferred to the Junior year.⁴ Non-Catholic students take an elective.⁵ Mathematics may be substituted here.⁶ Women, and men not taking R.O.T.C., take Phe 112-3.

PROGRAM—A1: BACHELOR OF ARTS WITH A MAJOR IN
COMMUNICATION ARTS

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term¹</i>	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
PHL	207	Philosophical Psychology			3-0-3
SPE	101	Fundamentals of Effective Speaking			3-0-3
THL ³	106	Dogmatic Theology		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
— ⁴	—	Science course	3-3-4	3-3-4	
			<u>17</u>	<u>17</u>	<u>6</u>
<i>Sophomore Year</i>					
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	251-2	American History	3-0-3	3-0-3	
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
PSY	201	Introductory Psychology	3-0-3		
SOC	201	General Sociology	3-0-3		
THL ³	206	General Moral Theology		3-0-3	
—	—	Appropriate Spe-Jrn course		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
			<u>16</u>	<u>16</u>	
<i>Junior Year</i>					
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ³	306	Theological and Moral Virtues	3-0-3		
—	—	General elective		3-0-3	
—	—	Major	6-0-6	6-0-6	
—	—	Minor	3-0-3	3-0-3	
			<u>15</u>	<u>15</u>	
<i>Senior Year</i>					
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
SPE	430	Seminar in Communication Arts		3-0-3	
THL ⁶	406	Christology and the Sacraments	3-0-3		
—	—	Major	6-0-6	6-0-6	
—	—	Minor	3-0-3	3-0-3	
			<u>15</u>	<u>15</u>	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Mathematics may be substituted for Science.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ Non-Catholic students take Phl 404.

PROGRAM—A2: BACHELOR OF ARTS WITH A MAJOR IN ECONOMICS

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH	121	College Algebra			3-0-3
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
SPE	101	Fundamentals of Effective Speaking			3-0-3
THL ³	106	Dogmatic Theology		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
—	—	Science course	3-2-4	3-2-4	
			17	17	6
<i>Sophomore Year</i>					
ECO	201-2	Principles of Economics	3-0-3	3-0-3	
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	251-2	American History	3-0-3	3-0-3	
MIL ⁴	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology	3-0-3		
THL ³	206	General Moral Theology		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
			16	16	
<i>Junior Year</i>					
ECO	340	Micro Economic Analysis	3-0-3		
ECO	341	Macro Economic Analysis		3-0-3	
ECO	342	Money, Banking, and Monetary Policy	3-0-3		
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
PSY	201	Introductory Psychology		3-0-3	
THL ⁵	306	Theological and Moral Virtues		3-0-3	
—	—	Economics elective	3-0-3		
—	—	Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i>					
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
THL ³	406	Christology and the Sacraments	3-0-3		
—	—	Economics electives	6-0-6	6-0-6	
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Women, and men not taking R.O.T.C., take Phe 112-3.⁵ Non-Catholic students take Phe 404.

PROGRAM—A3: BACHELOR OF ARTS WITH A MAJOR IN ENGLISH

Dept.	No.	Course	1st Term ¹	2nd Term	3rd Term
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
THL ³	106	Dogmatic Theology		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
— ⁴	—	Science course	3-3-4	3-3-4	
			17	17	
<i>Sophomore Year</i>					
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	251-2	American History	3-0-3	3-0-3	
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology	3-0-3		
PSY	201	Introductory Psychology	3-0-3		
SOC	201	General Sociology		3-0-3	
SPE	101	Fundamentals of Effective Speaking			3-0-3
THL ³	206	General Moral Theology		3-0-3	
—	—	General elective			3-0-3
—	—	Modern Language elective	3-0-3	3-0-3	
			16	16	6
<i>Junior Year</i>					
ENG ⁶	405	Chaucer	3-0-3		
ENG ⁷	—	Advanced course	3-0-3		
ENG ⁸	—	Early period survey		3-0-3	
ENG ⁹	—	Later period survey		3-0-3	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ³	306	Theological and Moral Virtues	3-0-3		
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i>					
ENG	490	Seminar		3-0-3	
ENG ¹⁰	—	Advanced American literature	3-0-3		
ENG	—	English elective		3-0-3	
ENG ¹¹	—	Shakespeare	3-0-3		
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
THL ¹²	406	Christology and the Sacraments	3-0-3		
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Mathematics may be substituted.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ Eng 431 may be substituted.⁷ Except for Eng 490, the required courses in English (Eng 316, 318, 428) could be taken in any term of the junior and senior year.⁸ Eng 412, 413, 420, 434, 435.⁹ Eng 438, 441, 442.¹⁰ Eng 450, 452, 454, 456.¹¹ Eng 362, 423, 424, 425.¹² Non-Catholic students take Phl 404.

PROGRAM—A4: BACHELOR OF ARTS WITH A MAJOR IN FINE ARTS

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ART ²	—	Basic courses		3-0-3	6-0-6
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ³	101-2	First Year Basic Course	2-1-1	2-1-1	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
SPE	101	Fundamentals of Effective Speaking	3-0-3		
THL ⁴	106	Dogmatic Theology		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
			16	16	6
<i>Sophomore Year</i>					
ART ²	—	Basic course		3-0-3	
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	251-2	American History	3-0-3	3-0-3	
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology			3-0-3
PSY	201	Introductory Psychology	3-0-3		
SOC	201	General Sociology	3-0-3		
THL ⁴	206	General Moral Theology		3-0-3	
THL ⁴	306	Theological and Moral Virtues			3-0-3
—	—	Modern Language course	3-0-3	3-0-3	
			16	16	6
<i>Junior Year</i>					
ART ⁶	—	Advanced Art courses	6-0-6	6-0-6	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
— ⁷	—	Minor	3-0-3	3-0-3	
—	—	Science course	3-3-4	3-3-4	
			16	16	
<i>Senior Year</i>					
ART ⁶	—	Advanced Art courses	6-0-6	6-0-6	
PHL	303	Cosmology	3-0-3		
PHL	403	Natural Theology		3-0-3	
THL ⁸	406	Christology and the Sacraments	3-0-3		
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Select from: Design (6 hrs.), Perspective (3 hrs.), Cast Drawing (3 hrs.).³ Women, and men not taking R.O.T.C., take Phe 110-1.⁴ Non-Catholic students take an elective.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ Advanced courses: Life Drawing (4½ hrs.), Commercial Art (6 hrs.), Crafts (4½ hrs.), Sculpture (3 hrs.), Painting (3 hrs.), electives (3 hrs.).⁷ Choose from: Psychology, sociology, economics, political science, history, English, or one of the modern languages.⁸ Non-Catholic students take Phe 404.

PROGRAM—A5: BACHELOR OF FINE ARTS

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ART	—	Courses at the ART INSTITUTE	11-0-11	11-0-11	5-0-5
ENG	101-2	English Composition	3-0-3	3-0-3	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
THL ²	106	Dogmatic Theology		3-0-3	
			17	17	5
<i>Sophomore Year</i>					
ART	—	Courses at the ART INSTITUTE	11-0-11	8-0-8	5-0-5
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	252	American History since 1865		3-0-3	
PHL	207	Philosophical Psychology	3-0-3		
THL ²	206	General Moral Theology		3-0-3	
			17	17	5
<i>Junior Year</i>					
ART	—	Courses at the ART INSTITUTE	6-0-6	6-0-6	5-0-5
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics	3-0-3		
SOC	201	General Sociology		3-0-3	
THL ³	406	Christology and the Sacraments		3-0-3	
PSY	201	Introductory Psychology	3-0-3		
	—	General elective		3-0-3	
			15	15	5
<i>Senior Year</i>					
ART	—	Courses at the ART INSTITUTE	15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Non-Catholic students take an elective.³ Non-Catholic students take Phl 404.

PROGRAM—A6: BACHELOR OF ARTS WITH A MAJOR IN HISTORY

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman and Sophomore Years</i>					
Follow general requirements (p. 62)					
<i>Junior Year</i>					
Hst	—	History electives	6-0-6	6-0-6	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ²	306	Theological and Moral Virtues	3-0-3		
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i>					
Hst ³	401	Pro-Seminar in History	3-0-2		
Hst	—	History electives	6-0-6	6-0-6	
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
THL ⁴	406	Christology and the Sacraments	3-0-3		
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			17	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Non-Catholic students take an elective.³ May be taken in either the first or second term.⁴ Non-Catholic students take Phl 404.

PROGRAM—A7: BACHELOR OF ARTS WITH A MAJOR IN LANGUAGE

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman and Sophomore Years</i> ²					
Follow general requirements (p. 62)					
<i>Junior Year</i> ³					
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ⁴	306	Theological and Moral Virtues	3-0-3		
—	—	General elective		3-0-3	
—	—	Language courses	6-0-6	6-0-6	
—	—	Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i> ⁵					
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
THL ⁶	406	Christology and the Sacraments	3-0-3		
—	—	General elective		3-0-3	
—	—	Language courses	6-0-6	6-0-6	
—	—	Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Incoming students wishing to continue a language begun in high school and transfer students will be required to take a placement examination in that language. The general pattern of transfer in such cases would be: after 2 years in high school of the language, begin with 201; after 4 years in high school, or even 3 years and excellent grades, begin 300 courses. Such transfer does not alter the requirement of 12 hours in at least one language, nor does it affect the requirements for a major listed in the Courses of Instruction.³ Students with a composite major arrangement may begin their second language in the fourth term, whether they continue the first language or not. A language major may minor in any other field approved in the College of Arts and Sciences, but a minor in languages is highly recommended.⁴ Non-Catholic students take an elective.⁵ It is recommended that students take any course, such as the history of a particular country or period, which will strengthen their grasp of the cultural background of the languages they are studying. It is possible also that in view of certain types of teaching or graduate work a student would elect special technical courses, such as psychology, statistics, etc. A good student with a background in two languages may be permitted to take as little as one term of a new language for reasons approved by the department chairman. In general, however, any additional language should be taken for at least two terms.⁶ Non-Catholic students take Phl 404.

PROGRAM—A8: BACHELOR OF ARTS WITH A MAJOR IN MATHEMATICS

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term¹</i>	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
CPS	231	Introduction to Digital Computers	1-2-2		
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH	216-7	Analytic Geometry and Calculus	5-0-5	4-0-4	
ORI	101	Orientation	1-0-0		
PHL	103	Logic			3-0-3
THL ³	106	Dogmatic Theology		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
			17	17	3
<i>Sophomore Year</i>					
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	251	American History to 1865			3-0-3
MIL ⁴	201-2	Second Year Basic Course	2-1-1	2-1-1	
MTH	218	Analytic Geometry and Calculus	4-0-4		
MTH	301	Differential Equations		3-0-3	
PHL	207	Philosophical Psychology	3-0-3		
PSY	201	Introductory Psychology			3-0-3
SOC	201	General Sociology		3-0-3	
SPE	101	Fundamentals of Effective Speaking	3-0-3		
THL ³	206	General Moral Theology		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
			17	16	6
<i>Junior Year</i>					
HST	252	American History since 1865	3-0-3		
MTH	361	Introduction to Abstract Algebra	3-0-3		
MTH	362	Introduction to Linear Algebra and Matrices		3-0-3	
MTH	411-2	Probability and Statistics	3-0-3	3-0-3	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ³	306	Theological and Moral Virtues		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i>					
CPS	313	Mathematical Methods for Digital Computers		3-0-3	
MTH	413	Probability and Statistics	3-0-3		
MTH	421-2	Advanced Calculus	3-0-3	3-0-3	
PHL	303	Cosmology	3-0-3		
PHL	403	Natural Theology		3-0-3	
THL ⁵	406	Christology and the Sacraments		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			12	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Women, and men not taking R.O.T.C., take Phe 112-3.⁵ Non-Catholic students take Phe 404.

PROGRAM—A9: BACHELOR OF ARTS WITH A MAJOR IN MUSIC

Dept.	No.	Course	1st Term ¹	2nd Term	3rd Term
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MUS	151-2	First Year Theory	5-0-4	5-0-4	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
THL ³	106	Dogmatic Theology		3-0-3	
—	—	Modern Language course	3-0-3	3-0-3	
			17	17	
<i>Sophomore Year</i>					
ENG	221	English Literature	3-0-3		
MIL ⁴	201-2	Second Year Basic Course	2-1-1	2-1-1	
MUS	105	Music Appreciation		2-0-2	
MUS	251	Second Year Theory	5-0-4		
MUS	262	Musical Form		3-0-2	
MUS ⁵	—	Applied music	2-0-2	2-0-2	
PHL	207	Philosophical Psychology	3-0-3		
SPE	101	Fundamentals of Effective Speaking		3-0-3	
THL ³	206	General Moral Theology		3-0-3	
—	—	Science course	3-3-4	3-3-4	
			17	17	
<i>Junior Year</i>					
HST	251-2	American History	3-0-3	3-0-3	
MUS	301-2	History of Music	3-0-3	3-0-3	
MUS ⁵	—	Applied music	2-0-2	2-0-2	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
PSY	201	Introductory Psychology		3-0-3	
THL ³	306	Theological and Moral Virtues	3-0-3		
—	—	Minor	3-0-3	3-0-3	
			17	17	
<i>Senior Year</i>					
MUS ⁶	—	Music electives	5-0-5	5-0-5	
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
THL ⁷	406	Christology and the Sacraments	3-0-3		
—	—	General electives	3-0-3	6-0-6	
—	—	Minor	3-0-3	3-0-3	
			17	17	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Women, and men not taking R.O.T.C., take Phe 112-3.⁵ Piano, voice, organ, band or orchestra instrument.⁶ Select from: Mus 322, 341, 303, 315, 300-400 courses in theory or composition, or applied music.⁷ Non-Catholic students take Phe 404.

PROGRAM—A10: BACHELOR OF MUSIC

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MUS	105	Music Appreciation		2-0-2	
MUS	151-2	First Year Theory	5-0-4	5-0-4	
MUS ³	—	Applied music	2-0-2	2-0-2	2-0-2
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
THL ⁴	106	Dogmatic Theology		3-0-3	
—	—	Social studies course	3-0-3		
			16	15	2
<i>Sophomore Year</i>					
ENG	221	English Literature	3-0-3		
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
MUS	251	Second Year Theory	5-0-4		
MUS	262	Musical Form		3-0-2	
MUS	272	Keyboard Harmony		2-0-2	
MUS ³	—	Applied music	2-0-2	2-0-2	2-0-2
PHL	207	Philosophical Psychology	3-0-3		
THL ⁴	206	General Moral Theology		3-0-3	
—	—	General electives	4-0-4	4-0-4	
—	—	Social studies course		3-0-3	
			17	17	2
<i>Junior Year</i>					
MUS	301-2	History of Music	3-0-3	3-0-3	
MUS	341	Conducting	3-0-3		
MUS ³	—	Applied music	2-0-2	2-0-2	2-0-2
MUS	—	Music theory electives	2-0-2	2-0-2	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
PSY	201	Introductory Psychology		3-0-3	
SPE	101	Fundamentals of Effective Speaking	3-0-3		
— ⁶	—	General electives		4-0-4	
			16	17	2
<i>Senior Year</i>					
MUS ⁶	—	Music electives	14-0-14	14-0-14	
THL ⁷	306	Theological and Moral Virtues	3-0-3		
THL ⁸	406	Christology and the Sacraments		3-0-3	
			17	17	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Students majoring in theory, violin, voice, or orchestra or band instrument will be required to use piano or organ as a minor or demonstrate ability to play the piano at a level satisfactory to the department. Applied music majors will need to take a minimum of 4 credit hours in their major during 3rd terms. Voice majors may be required to take modern languages.⁴ Non-Catholic students take an elective.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ Electives must be used toward fulfillment of major and minor requirements in music. Additional hours for remaining electives may be taken in applied music or theory courses, or Mus 303, 315, 322, 325, 326, 327, 328, 335-6, 421, 422.⁷ Non-Catholic students take Phe 403.⁸ Non-Catholic students take Phe 404.

PROGRAM—A11: BACHELOR OF ARTS WITH A MAJOR IN PHILOSOPHY

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term¹</i>	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman and Sophomore Years</i>					
Follow general requirements (p 62).					
<i>Junior Year</i>					
PHL	303	Cosmology	3-0-3		
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
PHL	404	Ethics		3-0-3	
THL	306	Theological and Moral Virtues		3-0-3	
— ²	—	Elective	3-0-3		
—	—	First Minor	3-0-3	3-0-3	
—	—	Second Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i>					
PHL	403	Natural Theology	3-0-3		
PHL	406	History of Greek Philosophy		3-0-3	
PHL	434	St. Thomas Aquinas	3-0-3		
THL	406	Christology and the Sacraments		3-0-3	
— ²	—	Electives	3-0-3	3-0-3	
—	—	First Minor	3-0-3	3-0-3	
—	—	Second Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term." 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Generally selected from 300-400 courses.

PROGRAM—A12: BACHELOR OF ARTS WITH A MAJOR IN
POLITICAL SCIENCE

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term¹</i>	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman and Sophomore Years</i>					
Follow general requirements (p. 62)					
<i>Junior Year</i>					
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
POL	201	American Government—National	3-0-3		
POL	302	Ohio Government	3-0-3		
POL	314	International Relations	3-0-3		
POL ²	—	Political Science electives		3-0-3	3-0-3
THL ³	306	Theological and Moral Virtues		3-0-3	
—	—	General electives		3-0-3	3-0-3
—	—	Minor	3-0-3	3-0-3	
			15	15	6
<i>Senior Year</i>					
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
POL	412	Constitutional Law		3-0-3	
POL	417	History of Political Philosophy	3-0-3		
POL	421	Government Seminar	3-0-3		
THL ⁴	406	Christology and the Sacraments		3-0-3	
—	—	General elective	3-0-3		
—	—	Minor	3-0-3	3-0-3	
			15	12	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Select from: Pol 301, 304, 306, 310, 312, 316, 331, 401, 405, 406, 408, 410, 414, 415, 422, 435.³ Non-Catholic students take an elective.⁴ Non-Catholic students take Phl 404.

PROGRAM—A13: BACHELOR OF ARTS WITH A MAJOR IN PSYCHOLOGY

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
BIO	101-2	Biology	3-2-4	3-2-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
THL ³	106	Dogmatic Theology		3-0-3	
— ⁴	—	Language course	3-0-3	3-0-3	
			17	17	
<i>Sophomore Year</i>					
BIO	207	Human Anatomy		3-0-3	
ENG	222	American Literature	3-0-3		
HST	251-2	American History	3-0-3	3-0-3	
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology	3-0-3		
PSY	204	General Psychology	3-0-3		
PSY	302	Psychological Statistics		3-0-3	
THL ³	206	General Moral Theology		3-0-3	
—	—	Language course	3-0-3	3-0-3	
			16	16	
<i>Junior Year</i>					
ENG	221	English Literature		3-0-3	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
PSY	305	Mental Hygiene	3-0-3		
PSY	308-9	Experimental Psychology	2-2-3	2-2-3	
PSY	—	Psychology elective		3-0-3	
SPE	101	Fundamentals of Effective Speaking		3-0-3	
THL ³	306	Theological and Moral Virtues	3-0-3		
—	—	Minor	3-0-3		
			15	15	
<i>Senior Year</i>					
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
PSY	484	Advanced General Psychology	5-0-5	3-0-3	
PSY	—	Psychology elective	3-0-3		
THL ⁶	—	Christology and the Sacraments	3-0-3		
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	6-0-6	
			17	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ French or German.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ Non-Catholic students take Phl 404.

PROGRAM—A14: BACHELOR OF ARTS WITH A MAJOR IN
SOCIOLOGY OR SOCIAL WORK

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
SPE	101	Fundamentals of Effective Speaking			3-0-3
THL ³	106	Dogmatic Theology		3-0-3	
—	—	Modern language course	3-0-3	3-0-3	
— ⁴	—	Science course	3-2-4	3-2-4	
			17	17	3
<i>Sophomore Year</i>					
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	251-2	American History	3-0-3	3-0-3	
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology	3-0-3		
PSY	201	Introductory Psychology	3-0-3		
SOC	201	General Sociology		3-0-3	
SOC	202	Social Problems			3-0-3
THL ³	206	General Moral Theology		3-0-3	
THL ³	306	Theological and Moral Virtues			3-0-3
—	—	Modern language course	3-0-3	3-0-3	
			16	16	6
<i>Junior Year</i>					
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
SOC ⁶	305	Introduction to Social Work	3-0-3		
SOC ⁶	319	Social Welfare		3-0-3	
SOC ⁷	—	Sociology electives	3-0-3	3-0-3	
—	—	General electives	3-0-3	3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i>					
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
SOC	401	Social Research and Social Statistics		3-0-3	
SOC	403	History of Social Thought	3-0-3		
SOC	414	Seminar in Sociology		3-0-3	
SOC ⁶	418	Community Organization	3-0-3		
THL ⁸	406	Christology and the Sacraments	3-0-3		
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Mathematics may be substituted.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ Required of majors in Social Work.⁷ Sociology electives: Soc 301, 303, 307, 308, 313, 315, 409, 412, 433.⁸ Non-Catholic students take Phe 404.

PROGRAM—A-15: BACHELOR OF ARTS WITH A MAJOR IN
THEOLOGICAL STUDIES

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term¹</i>	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
THL	106	Dogmatic Theology		3-0-3	
—	—	Modern language course	3-0-3	3-0-3	
— ³	—	Science course	3-2-4	3-2-4	
			<u>17</u>	<u>17</u>	
<i>Sophomore Year</i>					
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	251-2	American History	3-0-3	3-0-3	
MIL ⁴	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology	3-0-3		
PSY	201	Introductory Psychology		3-0-3	
SPE	101	Fundamentals of Effective Speaking	3-0-3		
THL	206	General Moral Theology		3-0-3	
—	—	Modern language course	3-0-3	3-0-3	
			<u>16</u>	<u>16</u>	
<i>Junior Year</i>					
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
SOC	201	General Sociology	3-0-3		
THL	306	Theological and Moral Virtues	3-0-3		
THL ⁵	—	Theology electives	3-0-3	6-0-6	
—	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			<u>15</u>	<u>15</u>	
<i>Senior Year</i>					
PHL	303	Cosmology		3-0-3	
PHL	403	Natural Theology	3-0-3		
THL	406	Christology and the Sacraments	3-0-3		
THL	480	Modern Catholic Thought		3-0-3	
THL ⁵	—	Theology electives	3-0-3	3-0-3	
—	—	General electives	3-0-3	3-0-3	
—	—	Minor	3-0-3	3-0-3	
			<u>15</u>	<u>15</u>	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Mathematics may be substituted.⁴ Women, and men not taking R.O.T.C., take Phe 112-3.⁵ Select from: Thl 351, 366, 368, 386, 450, 467, 471, 473.

PROGRAM—A16: BACHELOR OF ARTS (Our Lady of Carey Seminary)

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
BIO	101-2	General Biology	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
LAT ²	307	Readings in Latin Literature	3-0-3		
LAT	309	Cicero		3-0-3	
PHL	103	Logic	3-0-3		
PHL	404	Ethics		3-0-3	
			16	16	
<i>Sophomore Year</i>					
FRN	101-2	Elementary French	3-0-3	3-0-3	
HST	251-2	American History	3-0-3	3-0-3	
LAT	412	Ecclesiastical Latin	3-0-3		
LAT	414	Patristic Latin		3-0-3	
PHL	207	Philosophical Psychology	3-0-3		
PHL	303	Cosmology		3-0-3	
PSY	204	General Psychology		3-0-3	
SOC	201	General Sociology	3-0-3		
			15	15	
<i>Junior Year</i>					
ART	301	Christian Art	2-0-2		
ENG	221	English Literature		3-0-3	
FRN	201-2	Intermediate French	3-0-3	3-0-3	
PHL	306	Epistemology	3-0-3		
PHL	406	History of Greek Philosophy	3-0-3		
PHL	408	History of Modern Philosophy		3-0-3	
—	—	First Minor	3-0-3	3-0-3	
—	—	Second Minor	3-0-3	3-0-3	
			17	15	
<i>Senior Year</i>					
ENG	222	American Literature	3-0-3		
PHL	402	General Metaphysics	3-0-3		
PHL	403	Natural Theology		3-0-3	
PHL	450	Problems in Philosophy		3-0-3	
THL	—	Theology electives	3-0-3	3-0-3	
—	—	First Minor	3-0-3	3-0-3	
—	—	Second Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Elementary Latin is offered as an alternative for those who need it.

PROGRAM—A17: BACHELOR OF ARTS (Carthagenae)¹

Dept.	No.	Course	1st Term ²	2nd Term	3rd Term
<i>Freshman Year</i>					
ENG	21	Introduction to Literary Studies	3-0-3		
ENG	22	The English Language		3-0-3	
GRK	1-2	Elements of the New Testament	3-0-3	3-0-3	
HUM ³	25	Music Art Forms		4-0-4	
LAT	5	Cicero	3-0-3		
LAT	6	Horace		3-0-3	
LAT	7-8	Latin Composition	1-0-1	1-0-1	
MTH ⁴	11	Fundamentals of Math & Algebra	3-0-3		
MTH ⁵	12	Trigonometry & Analytical Geometry		3-0-3	
THL	11	The Sacred Liturgy	3-0-3		
			16	17	
<i>Sophomore Year</i>					
ECO	28	Elements of Economics		3-0-3	
GRK	21	The Greek New Testament	3-0-3		
HUM	23-4	World Literature	2-0-2	2-0-2	
LAT	21	Livy	3-0-3		
LAT	22	Latin Hymns and Ecclesiastical Writers		3-0-3	
LAT	25-6	Latin Composition II	1-0-1	1-0-1	
PHL	12	Logic		3-0-3	
SPE	15	Fundamentals of Speech	2-0-2		
THL	21	Christ in the Scriptures	3-0-3		
			3-0-3	6-0-6	
			17	18	
<i>Junior Year</i>					
EDU	208	The Learning Process	3-0-3		
HST	301	Medieval Europe		3-0-3	
HST	313	History of Christian Antiquity	3-0-3		
HST	470	The Catholic Church in the U.S.		2-0-2	
PHL	307	Philosophy of Nature	5-0-5	4-0-4	
PHL	416	History of Ancient Philosophy	2-0-2		
PHL	417	History of Medieval Philosophy		4-0-4	
PHL	433	Introduction to St. Thomas Aquinas		1-0-1	
PSY	204	General Psychology	3-0-3		
SOC	404	Social Institutions		3-0-3	
SPE	303	Advanced Interpretative Reading	2-0-2		
			18	17	
<i>Senior Year</i>					
EDU	412	Measurement in Education	3-0-3		
HST	302	Renaissance & Reformation	3-0-3		
HST	431	Modern Church History		3-0-3	
PHL	418	History of Modern Philosophy	3-0-3		
PHL	419	History of Contemporary Philosophy		3-0-3	
PHL	421-2	Metaphysics I and II	3-0-3	3-0-3	
PHL	423	Metaphysics of Knowledge		3-0-3	
PHL	424	Problems of Metaphysics	3-0-3		
PHL	425	Social Philosophy		3-0-3	
SPE	401	Advanced Public Speaking		2-0-2	
			15	17	

¹ The freshman and sophomore years of this program are taken at St. Joseph's College, Indiana; the junior and senior years at St. Charles Seminary, Carthagenae, Ohio. For a description of these courses, consult the St. Charles Seminary catalog.

² Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.

³ May substitute Hum 27 Art: History and Appreciation.

⁴ May substitute Bio 5 Principles of Biology.

⁵ May substitute Mth 5 Algebraic Structure and Number System.

PROGRAM—S1: BACHELOR OF SCIENCE WITH A MAJOR IN BIOLOGY

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
BIO	101-2	General Biology	3-3-4	3-3-4	
CHM	123-4	General Chemistry	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH ³	121	College Algebra	3-0-3		
MTH ⁴	122	Plane Trigonometry		3-0-3	
ORI	101	Orientation	1-0-0		
PHL	103	Logic		3-0-3	
THL ⁵	106	Dogmatic Theology	3-0-3		
			18	18	
<i>Sophomore Year</i>					
BIO ⁶	209	Comparative Anatomy	3-6-5		
BIO ⁷	—	Biology elective		3-0-3	
CHM	313-4	Organic Chemistry	3-3-4	3-3-4	
MIL ⁸	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology		3-0-3	
PHY	201-2	General Physics	3-2-4	3-2-4	
SPE	101	Fundamentals of Effective Speaking		3-0-3	
THL ⁵	206	General Moral Theology	3-0-3		
			17	18	
<i>Junior Year</i>					
BIO ⁷	—	Biology elective	3-3-4	3-3-4	
CHM	201	Quantitative Analysis	2-4-4		
ENG	221	English Literature		3-0-3	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ⁹	306	Theological and Moral Virtues	3-0-3		
—	—	General elective		3-0-3	
—	—	Modern language course	3-0-3	3-0-3	
			17	16	
<i>Senior Year</i>					
BIO	420	Seminar		1-0-1	
BIO ⁷	—	Biology electives	6-6-8	6-6-8	
THL ¹⁰	406	Christology and the Sacraments	3-0-3		
—	—	General electives	6-0-6	6-0-6	
			17	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ May substitute Mth 117.⁴ May substitute Mth 216.⁵ Non-Catholic students take an elective.⁶ May substitute Bio 220 with the permission of the department chairman. In this case, a general elective may also be taken during the term.⁷ Any 300-400 course in biology. With permission of the chairman, certain mathematics, chemistry, or physics courses may be substituted.⁸ Women, and men not taking R.O.T.C., take Phe 112-3.⁹ Non-Catholic students take Phe 404.¹⁰ Non-Catholic students take Phe 403.

PROGRAM—S2: BACHELOR OF SCIENCE WITH A MAJOR IN CHEMISTRY

Dept.	No.	Course	1st Term ¹	2nd Term	3rd Term
<i>Freshman Year</i>					
CHM	123-4	General Chemistry	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH	117	College Algebra	5-0-5		
MTH	216	Analytical Geometry & Calculus I		5-0-5	
ORI	101	Orientation	1-0-0		
PHL	103	Logic	3-0-3		
PHL	207	Philosophical Psychology		3-0-3	
THL ³	106	Dogmatic Theology	3-0-3		
THL ³	206	General Moral Theology		3-0-3	
			19	19	
<i>Sophomore Year</i>					
CHM	215	Quantitative Analysis	2-6-4		
CHM ⁴	315	Organic Chemistry		3-6-5	
GER	101-2	Elementary German	3-0-3	3-0-3	
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
MTH	217-8	Analytical Geometry & Calculus II, III	4-0-4	4-0-4	
PHY	206-7	General Physics	3-2-4	3-2-4	
			16	17	
<i>Junior Year</i>					
CHM	303-4	Physical Chemistry	3-3-4	3-3-4	
CHM	307	Chemical Literature		1-0-1	
CHM ⁴	316	Organic Chemistry	3-6-5		
CHM	405	Qualitative Organic Analysis		1-6-3	
GER	307	Chemical German		3-0-3	
PHL	306	Epistemology	3-0-3		
PHY	208	General Physics	3-2-4		
SPE	101	Fundamentals of Effective Speaking		3-0-3	
THL ⁶	306	Theological and Moral Virtues		3-0-3	
			16	17	
<i>Senior Year</i>					
CHM	415	Analytical Chemistry	2-6-4		
CHM	417	Inorganic Chemistry		3-0-3	
CHM	497	Seminar	1-0-1		
CHM ⁷	—	Chemistry electives	3-0-3	6-0-6	
PHL	402	General Metaphysics		3-0-3	
THL ⁸	406	Christology and the Sacraments	3-0-3		
— ⁹	—	General electives	3-0-3	3-0-3	
			14	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Chm 313-4 may be substituted with permission of the department chairman.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ Non-Catholic students take Phl 404.⁷ Chemistry electives: Chm 404, 412, 416, 420, 499.⁸ Non-Catholic students take Phl 403.⁹ General electives: Soc 201, 202, Pol 201, Acc 203, 310, Bus 315, Mth 301. One course in advanced mathematics or advanced physics may be taken. Other electives may be taken with the approval of the department chairman.

PROGRAM—S3: BACHELOR OF SCIENCE WITH A MAJOR IN
COMPUTER SCIENCE

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
CHM	123-4	General Chemistry	3-3-4	3-3-4	
CPS	231	Scientific Programming	1-2-2		
ENG	101-2	English Composition	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH	216-7	Analytic Geometry and Calculus	5-0-5	4-0-4	
ORI	101	Orientation	1-0-0		
PHL	103	Logic		3-0-3	
PHY	206	General Physics		3-2-4	
THL ³	106	Dogmatic Theology	3-0-3		
			18	19	
<i>Sophomore Year</i>					
CPS	251	Common Business Orientated Languages	2-2-3		
CPS	252	Programming Languages		2-2-3	
ENG	—	Advanced elective		3-0-3	
MIL ⁴	201-2	Second Year Basic Course	2-1-1	2-1-1	
MTH	218	Analytic Geometry and Calculus	4-0-4		
MTH	301	Differential Equations		3-0-3	
PHL	207	Philosophical Psychology		3-0-3	
PHY	207-8	General Physics	3-3-4	3-3-4	
SPE	101	Fundamentals of Effective Speaking	3-0-3		
THL ³	206	General Moral Theology	3-0-3		
			18	17	
<i>Junior Year</i>					
CPS	311	Math Methods for Digital Computers		3-0-3	
CPS	365	Applied Boolean Algebra	3-0-3		
MTH	362	Introduction to Linear Algebra and Matrices	3-0-3		
MTH	421-2	Advanced Calculus	3-0-3	3-0-3	
PHL	306	Epistemology		3-0-3	
PHY	314	Electronics for Scientists		3-3-4	
THL ⁵	306	Theological and Moral Virtues	3-0-3		
—	—	Language course	3-0-3	3-0-3	
			15	16	
<i>Senior Year</i>					
CPS	312-3	Math Methods for Digital Computers	3-0-3	3-0-3	
CPS	441	Advanced Programming	3-0-3		
CPS	481	Advanced Logic	3-0-3		
CPS ⁶	—	Computer Science electives		6-0-6	
PHL	402	General Metaphysics		3-0-3	
THL ⁷	406	Christology and the Sacraments	3-0-3		
—	—	General electives	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Women, and men not taking R.O.T.C., take Phe 112-3.⁵ Non-Catholic students take Phe 404.⁶ Computer Science electives: Cps 399, 414, 442, 482, 499.⁷ Non-Catholic students take Phe 403.

PROGRAM—S4: BACHELOR OF SCIENCE WITH A MAJOR IN GEOLOGY

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
ENG	101-2	English Composition	3-0-3	3-0-3	
GEO	115	Physical Geology	3-2-4		
GEO	116	Historical Geology		3-2-4	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH	117	College Algebra & Trigonometry	5-0-5		
MTH ³	216	Analytic Geometry and Calculus I		5-0-5	
ORI	101	Orientation	1-0-0		
PHL	103	Logic		3-0-3	
THL ⁴	106	Dogmatic Theology	3-0-3		
			16	16	
<i>Sophomore Year</i>					
CHM	123-4	General Chemistry	3-3-4	3-3-4	
GEO	201	Mineralogy	3-3-4		
GEO	204	Optional Mineralogy		2-4-4	
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology		3-0-3	
PHY ⁶	201-2	General Physics	3-2-4	3-2-4	
THL ⁴	206	General Moral Theology	3-0-3		
			16	16	
<i>Junior Year</i>					
CIE	213	Surveying		1-6-3	
GEO	301	Structural Geology	3-2-4		
GEO	310	Stratigraphy		3-2-4	
PHL	306	Epistemology		3-0-3	
SPE	101	Fundamentals of Effective Speaking	3-0-3		
THL ⁴	306	Theological and Moral Virtues	3-0-3		
—	—	Modern language course	3-0-3	3-0-3	
— ⁷	—	Science courses	3-3-4	3-3-4	
			17	17	
<i>Senior Year</i>					
GEO ⁸	303	Field Geology		X-0-6	
GEO	—	Geology elective	3-3-4		
PHL	402	General Metaphysics	3-0-3		
PHL	403	Natural Theology		3-0-3	
THL ⁹	406	Christology and the Sacraments		3-0-3	
—	—	General electives	6-0-6		
— ⁷	—	Science courses	3-3-4	3-3-4	
			17	16	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ May substitute Mth 121-2 with permission of department chairman.⁴ Non-Catholic students take an elective.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ May substitute Phy 206-7-8 if Mth 217-8 is taken in sequence.⁷ Choose from courses in chemistry, mathematics, physics, biology, geology, or engineering.⁸ Normally taken during summer after completion of junior year.⁹ Non-Catholic students take Phe 404.

HOME ECONOMICS

The department provides two special curricula :

1. Dietetics and Institutional Management ;
2. General Home Economics.

Students following these curricula may pursue a career in homemaking, interior decorating, the creating and construction of clothing ; in the management of cafeterias, dormitories, and tearooms ; as demonstrators for commercial manufacturing concerns ; at dietetics in hospitals and other institutions ; in graduate work and in research projects.

The curriculum for dietetics and institutional management meets the requirements of the American Dietetics Association.

PROGRAM—S5: BACHELOR OF SCIENCE WITH A MAJOR IN
HOME ECONOMICS (General Home Economics)

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term</i> ¹	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
BIO ²	101-2	General Biology	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
HEC ³	102-201	Foods I & II	2-3-3	2-3-3	
HEC	105	Introduction to Related Art	3-0-3		
ORI	101	Orientation	1-0-0		
PHE	110-1	Health and Physical Education	1-2-1	1-2-1	
PHL	103	Logic		3-0-3	
SPE	101	Fundamentals of Effective Speaking		3-0-3	
THL ⁴	106	Dogmatic Theology	3-0-3		
			17	17	
<i>Sophomore Year</i>					
ENG	221	English Literature		3-0-3	
HEC ³	101-211	Clothing I & II	2-3-3	2-3-3	
HEC	214	Textiles		3-0-3	
HEC	221	Home Management I	3-0-3		
HEC	225	Child Development I	3-0-3		
PHE	112-3	Health and Physical Education	1-2-1	1-2-1	
PHL	207	Philosophical Psychology		3-0-3	
PSY	204	General Psychology		3-0-3	
SOC	201	General Sociology	3-0-3		
THL ⁴	206	General Moral Theology	3-0-3		
			16	16	
<i>Junior Year</i>					
HEC	303	Nutrition and Health		3-0-3	
HEC	309	Household Equipment	3-0-3		
HEC	318	Family Living		3-0-3	
HEC	328	Home Furnishing and Housing		3-0-3	
HEC	—	Home Economics elective	3-0-3		
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ⁵	306	Theological and Moral Virtues	3-0-3		
— ⁶	—	Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i>					
HEC	406	Home Management II	1-4-3		
HEC	—	Home Economics electives	3-0-3	6-0-6	
THL ⁷	406	Christology and the Sacraments	3-0-3		
—	—	General electives	3-0-3	6-0-6	
—	—	Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.

² May substitute Chm 123-4 or Chm 110-200.

³ Foods I & II and Clothing I & II may be interchanged.

⁴ Non-Catholic students take an elective.

⁵ Non-Catholic students take Phl 404.

⁶ Can be taken in English, psychology, retailing, history, or education. Students choosing education must take Edu 208, 351, 419, and Hec 329, 405, and Chm 110-200 or 123-4. A student must take at least 21 hours in upper level home economics courses.

⁷ Non-Catholic students take Phl 403.

PROGRAM—S6: BACHELOR OF SCIENCE WITH A MAJOR IN
HOME ECONOMICS (Dietetic Internship)

Dept.	No.	Course	1st Term ¹	2nd Term	3rd Term
<i>Freshman Year</i>					
BIO	101-2	General Biology	3-3-4	3-3-4	
CHM ²	123-4	General Chemistry	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
HEC	102-201	Foods I and II	2-3-3	2-3-3	
ORI	101	Orientation	1-0-0		
PHE	110-1	Health and Physical Education	1-2-1	1-2-1	
PHL	103	Logic		3-0-3	
THL ³	106	Dogmatic Theology	3-0-3		
			18	18	
<i>Sophomore Year</i>					
ACC	207	Principles of Accounting	3-0-3		
CHM ⁴	200	Organic Chemistry		3-2-4	
ENG	221	English Literature	3-0-3		
HEC	221	Home Management I	3-0-3		
HEC	225	Child Development I	3-0-3		
HEC	318	Family Living		3-0-3	
PHE	112-3	Health and Physical Education	1-2-1	1-2-1	
PHL	207	Philosophical Psychology		3-0-3	
PSY	204	General Psychology		3-0-3	
SPE	101	Fundamentals of Effective Speaking		3-0-3	
THL ³	206	General Moral Theology	3-0-3		
			16	17	
<i>Junior Year</i>					
BIO	205-6	Anatomy and Physiology	3-0-3	3-0-3	
CHM	400	Biochemistry		3-3-4	
HEC	303	Nutrition and Health	3-0-3		
HEC	304	Quantity Cookery		1-4-3	
HEC	308	Institutional Buying		3-0-3	
HEC	323	Demonstration Methods	0-2-1		
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ⁵	306	Theological and Moral Virtues	3-0-3		
— ⁶	—	Electives	3-0-3		
			16	16	
<i>Senior Year</i>					
BIO	411	General Bacteriology	3-4-5		
HEC	401	Advanced Nutrition		3-0-3	
HEC	402	Diet in Disease		3-0-3	
HEC	406	Home Management II		1-4-3	
HEC	407	Organization and Management	3-0-3		
PSY	420	Industrial Psychology	3-0-3		
THL ⁷	406	Christology and the Sacraments	3-0-3		
— ⁶	—	Electives	3-0-3	6-0-6	
			17	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² May substitute Chm 110-200.³ Non-Catholic students take an elective.⁴ May substitute Chm 313-4; when Chm 200 was taken in freshman year, an elective must be taken.⁵ Non-Catholic students take Phl 404.⁶ Take principles of teaching course: Edu 198, 208, Hec 405.⁷ Non-Catholic students take Phl 403.

PROGRAM—S7: BACHELOR OF SCIENCE WITH A MAJOR IN
MATHEMATICS OR MATHEMATICAL STATISTICS

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term¹</i>	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
CHM	123-4	General Chemistry	3-3-4	3-3-4	
CPS	231	Scientific Programming in Algol		1-2-2	
ENG	101-2	English Composition	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH	216-7	Analytic Geometry and Calculus	5-0-5	4-0-4	
ORI	101	Orientation	1-0-0		
PHY	206	General Physics		3-2-4	
THL ³	106	Dogmatic Theology	3-0-3		
			16	18	
<i>Sophomore Year</i>					
ECO	201	General Economics		3-0-3	
GER	101-2	Elementary German	3-0-3	3-0-3	
MIL ⁴	201-2	Second Year Basic Course	2-1-1	2-1-1	
MTH	218	Analytic Geometry and Calculus	4-0-4		
MTH	301	Differential Equations		3-0-3	
PHL	103	Logic	3-0-3		
PHL	207	Philosophical Psychology		3-0-3	
PHY	207-8	General Physics	3-2-4	3-2-4	
THL ³	206	General Moral Theology	3-0-3		
			18	17	
<i>Junior Year</i>					
MTH	361	Introduction to Abstract Algebra	3-0-3		
MTH	362	Introduction to Linear Algebra and Matrices		3-0-3	
MTH ⁵	421-2	Advanced Calculus	3-0-3	3-0-3	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
SPE	101	Fundamentals of Effective Speaking	3-0-3		
— ⁶	—	General elective		3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	
<i>Senior Year</i>					
MTH	461	Complex Variables	3-0-3		
MTH	471	Topology		3-0-3	
MTH	—	Math or Computer Science elective	3-0-3	3-0-3	
THL ⁷	306	Theological and Moral Virtues	3-0-3		
THL ⁸	406	Christology and the Sacraments		3-0-3	
— ⁶	—	General electives	3-0-3	3-0-3	
—	—	Minor	3-0-3	3-0-3	
			15	15	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.

² Women, and men not taking R.O.T.C., take Phe 110-1.

³ Non-Catholic students take an elective.

⁴ Women, and men not taking R.O.T.C., take Phe 112-3.

⁵ May substitute Mth 411-2.

⁶ Students minoring in one of the sciences are advised to choose their electives outside the fields of science.

⁷ Non-Catholic students take Phl 404.

⁸ Non-Catholic students take Phl 403.

MEDICAL TECHNOLOGY

A twelve or thirteen month course in medical technology is offered by the Diagnostic Laboratories of St. Elizabeth Hospital, Good Samaritan Hospital, and Miami Valley Hospital. Affiliation with the University of Dayton permits a student to obtain the degree of Bachelor of Science in Medical Technology if the University's requirements are fulfilled. These schools are accredited by the Registry of Medical Technologists of the American Society of Clinical Pathologists through the Council on Medical Education and Hospitals of the American Medical Association, and qualify a student to take the examination given by the Registry of Medical Technologists.

The student receives practical and theoretical experience in the various branches of the clinical laboratory, after which he is qualified for positions in hospitals, clinics, research laboratories, and physicians' offices.

METHODS OF INSTRUCTION

After a preliminary concentrated introduction to medical technology, the student participates in the activities of the Diagnostic Laboratories, spending a specific time in each department. Instruction is under the supervision of the pathologist and his staff. Regular assignments in recognized textbooks and laboratory periodicals are given. Conferences and examinations are held throughout the year. Following a review period at the end of the prescribed course, a final examination, patterned after that of the Registry of Medical Technologists, is given.

ADMISSION REQUIREMENTS

In planning for the hospital experience, the student is required to arrange for an interview with the pathologist at the approved School of Medical Technology at the hospital. He should also plan to visit each hospital for the purpose of seeing the facilities of the diagnostic laboratories. His choice of school must be stated in writing to both the pathologist at the school of medical technology, and the advisor of the medical technology students at the University. This must be done no later than March 1, if he intends to begin training at the hospital in July. The University advisor will submit letters of recommendation to each school of medical technology in behalf of the student seeking the interview.

SENIOR YEAR SCHOLARSHIP

A full tuition scholarship is made available for the senior year. This includes room and board for the women students; it may not be possible to secure housing for male students. Students provide their own uniforms and textbooks.

LENGTH OF CLINICAL COURSE

The course of instruction covers a period of fifty-two to fifty-six consecutive weeks. If vacation period or leave of absence is granted, additional equivalent time must be made up in the school of medical technology. The hours of duty are from 8 a.m. to 5 p.m., five days a week. Special assignments for Sunday and holiday work are given with time off during the week. There is no night call for students.

Textbook assignments and extracurricular reading and study shall be done outside the regular hours. Written and oral examinations are held at regular intervals throughout the course.

GRADUATION AND REGISTRATION

After demonstrating a theoretical and practical proficiency in clinical laboratory procedures, the student is given a certificate by the hospital, and becomes eligible for the national examination for certification by the Registry of Medical Technology.

Students who are registered at the University of Dayton are eligible for the degree of Bachelor of Science in Medical Technology.

Examinations for Registration and the Certificate of M. T. (Medical Technologist) are given in July and November by the Registry of Medical Technologists in various cities. These are written examinations.

PROGRAM—S8: BACHELOR OF SCIENCE WITH A MAJOR IN
MEDICAL TECHNOLOGY

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term¹</i>	<i>2nd Term</i>	<i>3rd Term</i>
<i>Freshman Year</i>					
Bio	101-2	General Biology	3-3-4	3-3-4	
CHM	123-4	General Chemistry	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
MTH	121	College Algebra	3-0-3		
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
ORI	101	Orientation	1-0-0		
PHL	103	Logic		3-0-3	
THL ³	106	Dogmatic Theology		3-0-3	
			15	18	
<i>Sophomore Year</i>					
Bio	207	Human Anatomy	3-3-4		
Bio	309	Microtechnique		3-3-4	
Bio	325	Parasitology	2-3-3		
CHM	201	Quantitative Analysis		2-4-4	
ENG	221	English Literature	3-0-3		
MIL ⁴	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology		3-0-3	
THL ³	206	General Moral Theology	3-0-3		
		Modern language course	3-0-3	3-0-3	
			17	15	
<i>Junior Year</i>					
Bio	303	Physiology	3-3-4		
Bio	411	Bacteriology		3-4-5	
CHM	313-4	Organic Chemistry	3-3-4	3-3-4	
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
THL ⁵	306	Theological and Moral Virtues	3-0-3		
THL ⁶	406	Christology and the Sacraments		3-0-3	
		Electives	3-0-3	3-0-3	
			17	18	
<i>Senior Year⁸</i>					
MET ⁹	481	Introduction to Medical Technology	—4		
MET	482	Urinalysis and Renal Function		—4	
MET	483	Hematology	—6		
MET	484	Bacteriology, Parasitology, Mycology		—7	
MET	485	Chemistry and Gastric Analysis		—8	
MET	486	Histology and Cytology	—3		
MET	487	Serology and Spinal Fluids	—3		
MET	488	Blood Banking	—3		
MET	489	Laboratory Management		—0	
MET ⁹	490	Normal and Pathologic Physiology	—0		
			19	19	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Women, and men not taking R.O.T.C., take Phe 112-3.⁵ Non-Catholic students take Phl 404.⁶ Non-Catholic students take Phl 403.⁷ Choose from: Hst 251-2, Eco 201, Soc 201, Pol 201, Spe 101.⁸ Clinical training in hospital laboratory (Good Samaritan, St. Elizabeth, or Miami Valley). Courses not necessarily taken in terms indicated.⁹ Miami Valley hospital only.

NURSING

The University of Dayton offers a program in nursing to qualified registered professional nurses leading to the Bachelor of Science in Nursing. This program is designed to enrich and strengthen the professional nurse's background and thus enable her to realize more fully her potential as a person and as a member of the profession of nursing.

ADMISSION

In addition to fulfilling the general admission requirements of the University of Dayton the applicant to the nursing program should also submit to the Office of Admissions:

1. Transcript from an approved diploma school of nursing, including State Board achievement scores for each area of examination (not letter grades).
2. Photostatic copy of Registered Nurse licensure.
3. Any additional transcript of college work completed elsewhere.

REQUIREMENTS

All enrolling students are required to take the National League for Nursing Graduate Nurse Examination before being officially accepted as a candidate for the baccalaureate program. The examination is to be taken within the first full-term or before completion of twelve credit hours (for part-time students), whichever occurs first.

The number of semester hours of credit for advanced standing granted by the University for the basic nursing program will be determined on an individual basis. Evaluation will be based on the student's school of nursing record, achievement in the state board examination and the results of the National League for Nursing Graduate Nurse Examination.

A minimum of one hundred and twenty-eight semester hours of credit is required for graduation. In some instances it may be necessary for a student to accumulate more than one hundred and twenty-eight semester hours of credit in order to meet the course requirements. A minimum grade of "C" is required in all courses in the major and a student must maintain at least a "C" or 2.0 grade point average in all work attempted to meet the requirements for graduation.

The program may be completed by full-time students in approximately two calendar years. Students attending school on a part-time basis should plan to attend at least one term as full-time students before graduation. In the event a program is not completed within a five year period a re-evaluation of the student's record will be necessary to determine the extent to which she meets the requirements existing at the time of her planned graduation.

Students may enter the program at the beginning of any term or summer session. Application for admission should be completed well in advance of the semester in which the student wishes to enroll. Academic pre-registration counseling is required for all students in the nursing program. All students are required to attend a series of orientation conferences during their first term of enrollment in the Department of Nursing.

For further information regarding the program write to Chairman, Department of Nursing, University of Dayton.

PROGRAM—S9: BACHELOR OF SCIENCE WITH A MAJOR IN NURSING

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>1st Term¹</i>	<i>2nd Term</i>	<i>3rd Term</i>
<i>First Year</i>					
BIO	101-2	General Biology	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
NSG	317	Trends in American Nursing	3-0-3		
NSG	340	Principles of Teaching in Nursing		3-0-3	
ORI	101	Orientation	1-0-0		
PHL	103	Logic		3-0-3	
PHL	207	Philosophical Psychology			3-0-3
PSY	204	General Psychology	3-0-3		
PSY	305	Mental Hygiene		3-0-3	
SOC	201	General Sociology	3-0-3		
SPE	101	Fundamentals of Effective Speaking			3-0-3
			<u>16</u>	<u>16</u>	<u>6</u>
<i>Second Year</i>					
ENG	221-2	English and American Literature	3-0-3	3-0-3	
HST	101-2	History of Civilization	3-0-3	3-0-3	
NSG	420	Principles of Administration	3-0-3		
NSG	491	Public Health Science and Administration		3-0-3	
NSG	492	Principles of Public Health Nursing		3-0-3	
SOC	202	Social Problems	3-0-3		
THL ²	106	Dogmatic Theology	3-0-3		
THL ³	206	General Moral Theology		3-0-3	
			<u>15</u>	<u>15</u>	
<i>Third Year</i>					
NSG	498	Senior Seminar	3-0-3		
PSY	306	Child Psychology	3-0-3		
—	—	General electives	6-0-6		
			<u>12</u>		

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Non-Catholic students take Phl 306.³ Non-Catholic students take Phl 404.

PROGRAM—S10: BACHELOR OF SCIENCE WITH A MAJOR IN PHYSICS

Dept.	No.	Course	1st Term ¹	2nd Term	3rd Term
<i>Freshman Year</i>					
CHM	123-4	General Chemistry	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH	216-7	Analytic Geometry and Calculus	5-0-5	4-0-4	
ORI	101	Orientation	1-0-0		
PHY	206	General Physics		3-2-4	
THL ³	106	Dogmatic Theology	3-0-3		
			16	16	
<i>Sophomore Year</i>					
GER ⁴	101-2	Elementary German	3-0-3	3-0-3	
MIL ⁵	201-2	Second Year Basic Course	2-1-1	2-1-1	
MTH	218	Analytic Geometry and Calculus III	4-0-4		
MTH	301	Differential Equations		3-0-3	
PHL	103	Logic	3-0-3		
PHL	207	Philosophical Psychology		3-0-3	
PHY	207-8	General Physics II & III	3-2-4	3-2-4	
PHY	209	Modern Physics		3-0-3	
THL ³	206	General Moral Theology	3-0-3		
			18	17	
<i>Junior Year</i>					
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
PHY	301	Thermodynamics		3-0-3	
PHY	303-4	Intermediate Mechanics I & II	3-0-3	3-0-3	
PHY	404	Physical Optics	3-0-3		
PHY	431-2	Advanced Lab I & II	0-4-2	0-4-2	
PHY	460	Seminar	1-0-0	1-0-1	
SPE	101	Fundamentals of Effective Speaking		3-0-3	
THL ⁶	306	Theological and Moral Virtues	3-0-3		
— ⁷	—	Electives	3-0-3	3-0-3	
			17	18	
<i>Senior Year</i>					
PHY	311	Atomic Physics	3-0-3		
PHY	321	Nuclear Physics		3-0-3	
PHY	408-9	Advanced Electricity & Magnetism	3-0-3	3-0-3	
PHY	433	Advanced Lab III	0-4-2		
PHY	460	Seminar	1-0-0	1-0-1	
THL ⁸	406	Christology and the Sacraments	3-0-3		
—	—	General elective		3-0-3	
— ⁷	—	Special electives	6-0-6	6-0-6	
			17	16	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ May substitute Rus 101-2.⁵ Women, and men not taking R.O.T.C., take Phe 112-3.⁶ Non-Catholic students take Phe 404.⁷ Upper level courses in physics, mathematics, or other approved subjects.⁸ Non-Catholic students take Phe 403.

PREMEDICAL AND PREDENTAL

This program meets the admission requirements of all approved medical schools as determined by the Council of Medical Education for the American Medical Association. The four year course leading to the degree, Bachelor of Science, is recommended whenever possible. In addition to basic science requirements, it should include a broad and adequate study of the humanities and social studies. A reading knowledge of German (or French, with approval) is also desired by medical schools. One year of college work in addition to high school units in the same language may be sufficient.

Recommendation of a student by his premedical school is of considerable importance for admission to medical or dental school. Recommendation is based on more than academic standing. Character, professional development, and personality qualities are also weighed. The membership of the board on premedical recommendations is as follows: Dr. Carl I. Michaelis, *Chairman*, Dr. Cletus C. Chudd, S.M., Dr. Sylvester L. Eveslage, Peter J. Faso, Raymond G. Hieber, Russell A. Joly, S.M., Dr. George B. Noland, Dr. Joseph A. Pappalardo, and Gertrude D. Shay.

Both the Medical College Admissions Test and the American Dental Aptitude Test are administered on this campus each year in the fall and spring semesters. Students are required by the graduate school to take this test, usually in the spring of their junior year. Applications for registration may be secured from the premedical advisor.

PROGRAM—S11: BACHELOR OF SCIENCE FOR PREMEDICAL AND
PRENATAL STUDENTS

Dept.	No.	Course	1st Term ¹	2nd Term	3rd Term
<i>Freshman Year</i>					
BIO	101-2	General Biology	3-3-4	3-3-4	
CHM	123-4	General Chemistry	3-3-4	3-3-4	
ENG	101-2	English Composition	3-0-3	3-0-3	
MIL ²	101-2	First Year Basic Course	2-1-1	2-1-1	
MTH	121	College Algebra	3-0-3		
MTH	122	College Trigonometry		3-0-3	
ORI	101	Orientation	1-0-0		
PHL	103	Logic		3-0-3	
THL ³	106	Dogmatic Theology	3-0-3		
			18	18	
<i>Sophomore Year</i>					
BIO	209	Comparative Anatomy	3-6-5		
CHM	201	Quantitative Analysis		2-4-4	
ENG	221	English Literature		3-0-3	
GER	101-2	Elementary German	3-0-3	3-0-3	
MIL ⁴	201-2	Second Year Basic Course	2-1-1	2-1-1	
PHL	207	Philosophical Psychology		3-0-3	
PHY	201-2	General Physics	3-2-4	3-2-4	
THL ³	206	General Moral Theology	3-0-3		
			16	18	
<i>Junior Year</i>					
BIO ⁵	—	Biology electives	3-3-4	3-3-4	
CHM	313-4	Organic Chemistry	3-3-4	3-3-4	
ECO	201	Principles of Economics	3-0-3		
PHL	306	Epistemology	3-0-3		
PHL	402	General Metaphysics		3-0-3	
PSY	204	General Psychology		3-0-3	
SPE	101	Fundamentals of Effective Speaking		3-0-3	
THL ⁶	306	Theological and Moral Virtues	3-0-3		
			17	17	
<i>Senior Year</i>					
BIO	407	Embriology	3-4-5		
BIO ⁵	—	Biology elective		3-3-4	
HST	251	American History to 1865		3-0-3	
SOC	201	General Sociology	3-0-3		
THL ⁷	406	Christology and the Sacraments	3-0-3		
— ⁸	—	General electives	6-0-6	9-0-9	
			17	16	

¹ Under "Term," 3-0-3 means 3 hrs. class, 0 hrs. laboratory, and 3 hrs. credit.² Women, and men not taking R.O.T.C., take Phe 110-1.³ Non-Catholic students take an elective.⁴ Women, and men not taking R.O.T.C., take Phe 112-3.⁵ Recommended: Bio 303, 309, 312, 325, 411. Chm 302 is strongly recommended for premedical students.⁶ Non-Catholic students take Phe 404.⁷ Non-Catholic students take Phe 403.⁸ Recommended: Eng 222, Hst 252, Pol 201, and language, sociology, and psychology courses.

