

## COLLEGE OF ARTS AND SCIENCES

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THE PURPOSE OF THE COLLEGE OF ARTS AND SCIENCES IS TWO-FOLD: 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 to prepare the student for the practical task of making a living. In conformity with the purposes 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

EACH CANDIDATE must complete successfully the courses outlined in one of the programs on the following pages. Exceptions are allowed only with the permission of the department chairmen. In some programs, e.g., Premedical, Nursing, Medical Technology, and Biology, PHE 103, 104 are waived because other courses closely related to these are part of the regular curriculum. Almost all programs require 9-12 hours of a modern language (preferably German for the B.S. Degree).

Each candidate must have a major field of concentration (24 credits). Most programs likewise demand a minor field (12 credits). For the B.A. Degree, a second minor is required. When philosophy is not chosen as the major field for the B.A. Degree, it must be taken as one of the minors. Courses which usually count towards the major or minor are listed in the catalog as 300 and 400 courses and designated as upper division courses. Electives are likewise chosen generally from 300-400 courses. They should be selected with

the advice of the candidate's department chairman. For those pursuing a B.S. Degree, it is highly recommended that these electives be chosen from the Humanities.

Possible majors for the B.A. Degree are: Art, economics, English, history, journalism, languages, mathematics or mathematical statistics, music, philosophy, political science, psychology, sociology, speech and theology.

Possible majors for the B.S. Degree are: Biology, chemistry, geology, mathematics, home economics, medical technology, nursing and physics.

Each candidate must earn a cumulative grade point average of at least 2.0 in

- a. his total college work
- b. his major and minor fields of concentration

### 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 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, sociology, statistics and theology.

Students contemplating the medical profession should consult the pre-medical program (Program X, p. 119). They should also keep in touch with the pre-medical advisor.

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.

## BACHELOR OF ARTS PROGRAMS

### GENERAL REQUIREMENTS FOR THE A. B. DEGREE

#### *Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 103 Logic .....	3	THL 106 Dogmatic Theology <i>or</i>	
MIL 101 First Year Basic.....	2	SPE 101 Fund. of Eff. Speak.....	3
PHE 101 Physical Education .....	1½	MIL 102 First Year Basic.....	2
PHE 103 Health .....	1	PHE 102 Phys. Educ. (Women)....	1½
ENG 101 English Composition .....	3	PHE 104 Health (Women) .....	1
HST 101 Hist. of Civilization .....	3	ENG 102 English Composition .....	3
	Language .....	HST 102 Hist. of Civilization .....	3
	(1) Mathematics or Science.....		3
ORI 101 Orientation .....	0	(1) Mathematics or Science ....	3-4

#### *Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 207	Philosophical Psy. ....	3	THL 206	Gen. Moral Theol. <i>or</i>	
MIL 201	Second Year Basic.....	2		Elective .....	3
PHE 201	Phys. Educ. (Women) ....	1/2	MIL 202	Second Year Basic.....	2
ENG 221	English Literature .....	3	PHE 202	Phys. Educ. (Women) ....	1/2
PSY 201	Introd. Psychology .....	3	ENG 222	American Literature .....	3
HST 251	Amer. Hist. to 1865.....	3	SOC 201	General Sociology .....	3
	Language .....		HST 252	Amer. Hist. since 1865..	3
SPE 101	Fund. of Eff. Speak.....	3		Language .....	3

#### *Junior Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 306 Epistemology (2) .....	3	THL 306 Theol. & Moral Virtues..	3
Major Field .....	6	PHL 402 Gen. Metaphysics (2) ....	3
Second Minor .....	3	Major Field .....	6
(3) Electives .....	3-6	Second Minor .....	3
		(3) Electives .....	3-6

#### *Senior Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 403 Natural Theology (2) ....	3	THL 406 Christology & the Sac.....	3
Major Field .....	6	PHL 404 Ethics (Non-Cath.) <i>or</i>	
Second Minor .....	3	PHL 406 Hist. of Grk. Phil.	
(3) Electives .....	3-6	(Cath.) .....	3
		Major Field .....	6
		Second Minor .....	3
		(3) Electives .....	3-6

(1) If Psychology is chosen as the major field, the freshman science must be Bio 101-102, followed by Bio 204.

(2) If Philosophy is chosen as the major field, it is replaced by another field as the first minor.

(3) Electives are generally selected from 300-400 courses.

PROGRAM I  
BACHELOR OF ARTS WITH A MAJOR IN ART

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL	103	Logic.....3	THL	106	Dogmatic Theology or
MIL	101	First Year Basic.....2	SPE	101	Fund. of Eff. Speak.....3
PHE	101	Physical Education ..... 1/2	MIL	102	First Year Basic.....2
PHE	103	Health .....1	PHE	102	Phys. Educ. (Women) .... 1/2
ENG	101	English Composition I....3	PHE	104	Health (Women) .....1
HST	101	Hist. of Civilization .....3	ENG	102	English Composition II....3
		Language .....3	HST	102	Hist. of Civilization .....3
ART		Basic Courses .....3			Language .....3
			ART		Basic Courses .....3

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL	207	Philosophical Psy. ....3	THL	206	Gen. Moral Theology.....3
MIL	201	Second Year Basic.....2	MIL	202	Second Year Basic.....2
PHE	201	Phys. Educ. (Women) .... 1/2	PHE	202	Phys. Educ. (Women) .... 1/2
ENG	221	English Literature.....3	ENG	222	American Literature .....3
HST	251	Amer. Hist. to 1865.....3	HST	252	Amer. Hist. since 1865....3
PSY	201	Introd. Psychology .....3	SOC	201	General Sociology .....3
		Language .....3			Language .....3
ART		Basic Courses .....3	ART		Basic Courses .....3

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL	306	Epistemology .....3	THL	306	Theol. & Mor. Virtues....3
ART		Advanced Art .....6	PHL	402	Gen. Metaphysics .....3
		(1) Second Minor .....3	ART		Advanced Art .....6
SPE	101	Fund. of Eff. Speak.....3			(1) Second Minor .....3
		Electives .....3			Electives .....3

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL	403	Natural Theology .....3	THL	406	Christology & Sac.....3
ART		Advanced Art .....6	PHL	404	Ethics (Non-Cath.) or
		(1) Second Minor .....3	PHL	406	Hist. of Grk. Phil.
		Electives .....3-6			(Cath.) .....3
			ART		Advanced Art .....6
					(1) Second Minor .....3
					Electives .....3-6

(1) The second minor may be chosen from the following fields: psychology, sociology, economics, political science, history, English, or one of the languages.

Basic courses in art to be selected for lower division work are: design, 6 credit hours; perspective, 3 credit hours; cast drawing, 3 credit hours.

Advanced courses for the field of concentration are: life drawing, 4 1/2 credit hours; commercial art, 6 credit hours; crafts, 4 1/2 credit hours; sculpture, 3 credit hours; painting, 3 credit hours; electives, 3 credit hours.

## PROGRAM II

## BACHELOR OF ARTS WITH A MAJOR IN ENGLISH

*Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 103 Logic .....	3	THL 106 Dogmatic Theology or	
MIL 101 First Year Basic.....	2	SPE 101 Fund. of Eff. Speak.....	3
PHE 101 Physical Education .....	1/2	MIL 102 First Year Basic.....	2
PHE 103 Health .....	1	PHE 102 Phys. Educ. (Women)....	1/2
ENG 101 English Composition I....	3	PHE 104 Health (Women) .....	1
HST 101 Hist. of Civilization .....	3	ENG 102 English Composition II....	3
	Language .....	HST 102 Hist. of Civilization .....	3
	Mathematics or		Language .....
	Science .....		Mathematics or
ORI 101 Orientation .....	0		Science .....

*Sophomore Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 207 Philosophical Psy. ....	3	THL 206 Gen. Moral Theology or	
MIL 201 Second Year Basic.....	2	Elective .....	3
PHE 201 Phys. Educ. (Women)....	1/2	MIL 202 Second Year Basic.....	2
ENG 221 English Literature .....	3	PHE 202 Phys. Educ. (Women) ....	1/2
PSY 201 Intro. Psychology .....	3	ENG 222 American Literature .....	3
HST 251 Amer. Hist. to 1865 .....	3	SOC 201 General Sociology .....	3
	Language .....	HST 252 Amer. Hist. since 1865 ..	3
SPE 101 Fund. of Eff. Speak.....	3		Language .....

*Junior Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 306 Epistemology .....	3	THL 306 Theol. & Moral Virtues..	3
†ENG 316 Advanced Composition ..	3	PHL 402 Gen. Metaphysics .....	3
‡ENG 411 Renaissance Poetry .....	3	*ENG 331 Romantic Poetry .....	3
	300-400 Second Minor .....	ENG 428 Literary Criticism .....	3
	300-400 Electives .....	300-400 Second Minor .....	3
	300-400 Electives .....	300-400 Electives .....	3-6
† or ENG 318, 329		* or ENG 330	
‡ or ENG 415			

*Senior Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 403 Natural Theology .....	3	THL 406 Christology & Sac.....	3
*ENG 423 Tragedies of Shakespeare	3	PHL 404 Ethics (Non-Cath.) or	
†ENG 421 Modern Poetry .....	3	PHL 406 Hist. of Grk. Phil.	
	300-400 Second Minor .....	(Cath.) .....	3
	300-400 Electives .....	†ENG 426 Modern Drama .....	3
	300-400 Electives .....	ENG 440 Seminar .....	3
* or ENG 424		300-400 Second Minor .....	3
† or ENG 322, 324, 327, 351		300-400 Electives .....	3-6
		‡ or ENG 422, 429, 430	

# PROGRAM III

## BACHELOR OF FINE ARTS

### Freshman Year

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
PHL 103	Logic .....	3	THL 106	Dogmatic Theology or	
ENG 101	English Composition I.....	3		Elective .....	3
ART	At Art Institute.....	10½	ENG 102	English Composition II .....	3
			ART	At Art Institute.....	10½
<i>Summer Session</i>					
	ART			At Art Institute.....	5

### Sophomore Year

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
PHL 207	Philosophical Psy. ....	3	THL 206	Gen. Moral Theol. or	
ENG 221	English Literature .....	3		Elective .....	3
ART	At Art Institute.....	10½	HST 252	Amer. Hist. since 1865.....	3
			ART	At Art Institute.....	10½
<i>Summer Session</i>					
	ART			At Art Institute .....	5

### Junior Year

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
PHL 306	Epistemology (Cath.) ....	3	THL 406	Christology & Sac.....	3
PHL 402	Gen. Metaphysics (Non-		PHL 402	Gen. Metaphysics	
	Cath.) .....	3		(Cath.) .....	3
PSY 201	Introductory Psych. ....	3	PHL 404	Ethics (Non-Cath.) .....	3
ART	At Art Institute.....	9	SOC 201	General Sociology .....	3
			ART	At Art Institute.....	9
<i>Summer Session</i>					
	ART			At Art Institute.....	5

### Senior Year

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
ART	At Art Institute.....	15	ART	At Art Institute.....	15

1. For the degree of Bachelor of Fine Arts, a minimum of 147 hours is required. Of these, 105 hours must be in Art and related courses. Forty-two hours must be in academic subjects according to the curriculum suggested.
2. To complete the required course of studies, it will be necessary to distribute the program over four years and three summer sessions or five years with no summer sessions.

## PROGRAM IV

## BACHELOR OF ARTS WITH A MAJOR IN HISTORY

*Freshman Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
PHL 103 Logic .....	3
MIL 101 First Year Basic.....	2
PHE 101 Physical Education .....	1/2
PHE 103 Health .....	1
ENG 101 English Composition I.....	3
HST 101 Hist. of Civilization .....	3
Language .....	3
Mathematics or Science .....	3-4
ORI 101 Orientation .....	0

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
THL 106 Dogmatic Theology <i>or</i>	
SPE 101 Fund. of Eff. Speak.....	3
MIL 102 First Year Basic.....	2
PHE 102 Phys. Educ. (Women) ....	1/2
PHE 104 Health (Women) .....	1
ENG 102 English Composition II.....	3
HST 102 Hist. of Civilization .....	3
Language .....	3
Mathematics or Science .....	3

*Sophomore Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
PHL 207 Philosophical Psy. ....	3
MIL 201 Second Year Basic.....	2
PHE 201 Phys. Educ. (Women) ....	1/2
ENG 221 English Literature .....	3
PSY 201 Introd. Psychology .....	3
HST 251 Amer. Hist. to 1865 .....	3
Language .....	3
SPE 101 Fund. of Eff. Speak.....	3

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
THL 206 Gen. Moral Theol. <i>or</i>	
Elective .....	3
MIL 202 Second Year Basic.....	2
PHE 202 Phys. Educ. (Women) ....	1/2
ENG 222 American Literature .....	3
SOC 201 General Sociology .....	3
HST 252 Amer. Hist. since 1865 .....	3
Language .....	3

*Junior Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
PHL 306 Epistemology .....	3
HST 301 or 302 or 309 .....	3
HST 351 or 355 or 368 or 449 or 451	3
300-400 Second Minor .....	3
*300-400 Electives .....	3-6

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
THL 306 Theol. & Moral Virtues..	3
PHL 402 Gen. Metaphysics .....	3
HST 319 or 340 or 421 or 441 .....	3
HST 364 or 427 or 458 or 468 .....	3
300-400 Second Minor .....	3
*300-400 Electives .....	3-6

*Senior Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
PHL 403 Natural Theology .....	3
HST 401 Pro-Seminar .....	2
HST 409 or 415 or 424 or 435 or 445	3
HST 351 or 355 or 368 or 449 or 451	3
300-400 Second Minor .....	3
*300-400 Electives .....	3-6

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
THL 406 Christology & Sac.....	3
PHL 404 Ethics (Non-Cath.) <i>or</i>	
PHL 406 Hist. of Grk. Phil.	
(Cath.) .....	3
HST Elective (Groups I-III) ..	3
HST 364 or 427 or 458 or 468 .....	3
300-400 Second Minor .....	3
*300-400 Electives .....	6

\*The following Elective is recommended: ENG 316

PROGRAM V  
BACHELOR OF ARTS WITH A MAJOR IN JOURNALISM

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 103	Logic .....	3	THL 106	Dogmatic Theology or	
MIL 101	First Year Basic.....	2	SPE 101	Fund. of Eff. Speak.....	3
PHE 101	Physical Education .....	1/2	MIL 102	First Year Basic.....	2
PHE 103	Health .....	1	PHE 102	Phys. Educ. (Women) ....	1/2
ENG 101	English Composition I.....	3	PHE 104	Health (Women) .....	1
HST 101	Hist. of Civilization .....	3	ENG 102	English Composition II.....	3
	Language .....	3	HST 102	Hist. of Civilization .....	3
	Mathematics or			Mathematics or	
	Science .....	3-4		Science .....	3
ORI 101	Orientation .....	0		Language .....	3

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 207	Philosophical Psy. ....	3	THL 206	Gen. Moral Theol.....	3
MIL 201	Second Year Basic.....	2	MIL 202	Second Year Basic.....	2
PHE 201	Phys. Educ. (Women) ....	1/2	PHE 202	Phys. Educ. (Women) ....	1/2
ENG 221	English Literature .....	3	ENG 222	American Literature .....	3
PSY 201	Introd. Psychology .....	3	SOC 201	General Sociology .....	3
HST 251	Amer. Hist. to 1865 .....	3	HST 252	Amer. Hist. since 1865 ..	3
	Language .....	3		Language .....	3
SPE 101	Fund. of Eff. Speak.....	3	JRN 200	Intro. to Journalism .....	3

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 306	Epistemology .....	3	THL 306	Theol. & Moral Virtues..	3
JRN 300	News Story Writing .....	3	PHL 402	Gen. Metaphysics .....	3
JRN 301	Feature Story Writing .....	3	JRN 302	Law and Ethics of Press..	3
	300-400 Second Minor .....	3	JRN 303	Free-Lance Writing .....	3
	300-400 Electives .....	3-6		300-400 Second Minor .....	3
				300-400 Electives .....	3-6

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 403	Natural Theology .....	3	THL 406	Christology & Sac.....	3
JRN 400	Editing and Copyreading ..	3	PHL 404	Ethics (Non-Cath.) or	
*300-400 Elective .....		3	PHL 406	Hist. of Grk. Phil.	
	300-400 Second Minor .....	3		(Cath.) .....	3
	Electives .....	3-6	JRN 401	Editing and Copyreading ..	3
			JRN 300-400	Elective .....	3
				300-400 Second Minor .....	3
				Electives .....	3-6

\* See prenote to Journalism under "Courses of Instruction" on page 226.



**PROGRAM VI**  
**BACHELOR OF ARTS WITH A MAJOR IN**  
**MATHEMATICS OR MATHEMATICAL STATISTICS**

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 103	Logic .....	3	THL 106	Dogmatic Theology or	
MIL 101	First Year Basic.....	2	SPE 101	Fund. of Eff. Speak.....	3
PHE 101	Physical Education .....	1/2	MIL 102	First Year Basic.....	2
PHE 103	Health .....	1	PHE 102	Phys. Educ. (Women)....	1/2
ENG 101	English Composition I....	3	PHE 104	Health (Women) .....	1
HST 101	Hist. of Civilization .....	3	HST 102	Hist. of Civilization .....	3
	Language .....	3		Language .....	3
ORI 101	Orientation .....	0	MTH 216	Analytic Geometry	
MTH 117	College Algebra & Trig. ..	5		& Calculus I .....	5

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 207	Philosophical Psy. ....	3	THL 206	Gen. Moral Theol. or	
MIL 201	Second Year Basic.....	2		Elective .....	3
PHE 201	Phys. Educ. (Women) ....	1/2	MIL 202	Second Year Basic.....	2
ENG 318	Creative Writing .....	3	PHE 202	Phys. Educ. (Women) ....	1/2
	Language .....	3	ENG 222	American Literature .....	3
<sup>1</sup> ECO 201	Prin. of Economics.....	3		Language .....	3
MTH 217	Anal. Geometry &		<sup>1</sup> ECO 202	Prin. of Economics .....	3
	Calculus II .....	4	MTH 218	Anal. Geometry &	
				Calculus III .....	4

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 306	Epistemology .....	3	THL 306	Theol. & Moral Virtues..	3
MTH 301	Differential Equations ....	3	PHL 402	Gen. Metaphysics .....	3
<sup>2</sup> MTH 417	Numerical Analysis .....	3	<sup>2</sup> MTH 415	Linear Programming and	
<sup>1</sup> ECO 404	Business Cycles .....	3		Game Theory .....	3
PSY 201	Introd. Psychology .....	3	<sup>1</sup> ECO 413	Economic Analysis .....	3
			SOC 201	General Sociology .....	3
			MTH 361	Int. to Abst. Algebra....	3

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 403	Natural Theology .....	3	THL 406	Christology & Sac. ....	3
MTH 421	Advanced Calculus .....	3	PHL 404	Ethics (Non-Cath.) or	
<sup>2</sup> MTH 411	Probability, Statistics I....	3	PHL 406	Hist. of Grk. Phil.	
<sup>1</sup> ECO 408	Contemporary Economics 3			(Cath.) .....	3
HST 251	Amer. Hist. to 1865 .....	3	MTH 422	Advanced Calculus .....	3
			<sup>2</sup> MTH 412	Probability, Statistics II..	3
			<sup>1</sup> ECO 300-400	Economics .....	3
			HST 252	Amer. Hist. since 1865 ..	3

The above program is for a major in Mathematical Statistics. For a major in Mathematics,

1. A minor other than Economics is allowed;
2. Other advanced Mathematics courses are allowed. The Chairman of the Department should be consulted.

## PROGRAM VII

## BACHELOR OF ARTS WITH A MAJOR IN MUSIC

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL	103	Logic .....	THL	106	Dogmatic Theology or
MIL	101	First Year Basic .....	SPE	101	Fund. of Eff. Speak. ....
PHE	101	Physical Education .....	MIL	102	First Year Basic .....
PHE	103	Health .....	PHE	102	Physical Education (W) 1/2
ENG	101	English Composition I.....	PHE	104	Health (Women) .....
		Language .....	ENG	102	English Composition II.....
		Math. or Science .....			Language .....
MUS	151	First Year Theory .....			Math. or Science .....
			Mus	152	First Year Theory .....

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL	207	Philosophical Psy. ....	THL	206	Gen. Moral Theol. ....
MIL	201	Second Year Basic .....	MIL	202	Second Year Basic .....
PHE	201	Physical Education (W) 1/2	PHE	202	Physical Education (W) 1/2
ENG	221	English Literature .....	MUS	105	Music Appreciation .....
HST	101	History of Civilization ..	HST	102	History of Civilization ..
MUS	251	Second Year Theory .....	MUS	252	Second Year Theory .....
SPE	101	Fund. of Eff. Speaking ....	MUS		Applied Music .....
			Soc	201	General Sociology .....

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL	306	Epistemology .....	THL	306	Theol. & Moral Virtues ..
MUS	301	History of Music .....	PHL	402	Gen. Metaphysics .....
MUS		Applied Music .....	MUS	302	History of Music .....
PSY	201	Introductory Psychology..	MUS		Applied Music .....
HST	251	Amer. History to 1865....	MUS		Elective .....
		Second Minor .....	HST	252	Amer. Hist. since 1865 ..
					Second Minor .....

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL	403	Natural Theology .....	THL	406	Christology & Sac. ....
MUS		(300-400 course or	PHL	404	Ethics (Non-Cath.) or
		Applied Music) .....	PHL	406	Hist. of Grk. Phil.
		Second Minor .....			(Cath.) .....
		300-400 Electives .....	Mus		(300-400 course or
					Applied Music) .....
					Second Minor .....
					300-400 Electives .....

Electives must be selected from 300-400 courses.

Up to four credit hours in ensemble music may be earned by participation in recognized University musical organizations, Glee Club, Choir, Band, and Orchestra. One-half credit hour for each semester of participation is allowed.

\* "See page 250 'Ensembles'."

PROGRAM VIII  
BACHELOR OF MUSIC

## ACADEMIC

English .....	9 credit hours
Speech .....	3 credit hours
History and/or Social Science .....	6 credit hours
Psychology .....	3 credit hours
Philosophy (100-200 courses) .....	6 credit hours
Philosophy (300-400 courses) (Cath. Students).....	6 credit hours
Philosophy (300-400 courses) (Non-Cath. Students) .....	12 credit hours
Theology (100-200 courses) .....	6 credit hours
Theology (300-400 courses) .....	6 credit hours
Electives (to include requirements in Military Science and Physical Education) .....	6-12 credit hours
Total .....	47-52 credit hours

## MUSICAL

Major (Piano, Organ, Violin, Voice, Theory) .....	20-24 credit hours
Minor (Piano, Voice, Theory, Band or Orchestra Instrument) .....	12 credit hours
*Theory .....	16 credit hours
History, Literature, Appreciation.....	10 credit hours
Conducting, Instrumentation, Orchestration .....	8 credit hours
Ensemble (Choir, Glee Club, Orchestra, Band) .....	2-6 credit hours
Total .....	67-75 credit hours

ELECTIVES (Academic or Musical) to total of ..... 128 credit hours

\* Theory courses above 100 level may be counted toward major or minor in Theory.

Students majoring in Voice, Violin, Theory will be required to use Piano as a minor or demonstrate ability to play the piano at a level satisfactory to the Department.

Voice majors may be required to take modern languages as a part of academic electives.

## PROGRAM IX

## BACHELOR OF ARTS WITH A MAJOR IN PHILOSOPHY

*Freshman Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 103 Logic .....	3	THL 106 Dogmatic Theology or	
MIL 101 First Year Basic .....	2	SPE 101 Fund. of Eff. Speak. ....	3
PHE 101 Physical Education .....	1/2	MIL 102 First Year Basic .....	2
PHE 103 Health .....	1	PHE 102 Phys. Educ. (Women) ..	1/2
ENG 101 English Composition I....	3	PHE 104 Health (Women) .....	1
HST 101 Hist. of Civilization .....	3	ENG 102 English Composition II....	3
	Language .....	HST 102 Hist. of Civilization .....	3
	Mathematics or	Language .....	3
	Science .....	Mathematics or	
ORI 101 Orientation .....	0	Science .....	3

*Sophomore Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 207 Philosophical Psy. ....	3	THL 206 Gen. Moral Theol. or	
MIL 201 Second Year Basic .....	2	Elective .....	3
PHE 201 Phys. Educ. (Women) ....	1/2	MIL 202 Second Year Basic .....	2
ENG 221 English Literature .....	3	PHE 202 Phys. Educ. (Women) ....	1/2
PSY 201 Introd. Psychology .....	3	ENG 222 American Literature .....	3
HST 251 Amer. Hist. to 1865 .....	3	SOC 201 General Sociology .....	3
	Language .....	HST 252 Amer. Hist. since 1865....	3
SPE 101 Fund. of Eff. Speak. ....	3	Language .....	3

*Junior Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 303 Cosmology .....	3	THL 306 Theol. & Moral Virtues ..	3
PHL 306 Epistemology .....	3	PHL 404 Ethics .....	3
300-400 First Minor.....	3	PHL 402 Gen. Metaphysics .....	3
300-400 Second Minor .....	3	300-400 First Minor.....	3
300-400 Electives .....	3-6	300-400 Second Minor .....	3
		300-400 Electives .....	3-6

*Senior Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 403 Natural Theology .....	3	THL 406 Christology & Sac. ....	3
PHL 300-400 Elective .....	3	PHL 406 Hist. of Grk. Phil. ....	3
300-400 First Minor.....	3	PHL 434 St. Thomas Aquinas .....	3
300-400 Second Minor .....	3	300-400 First Minor.....	3
300-400 Electives .....	3-6	300-400 Second Minor .....	3
		300-400 Electives .....	3-6

## PROGRAM X

BACHELOR OF ARTS WITH A MAJOR IN  
POLITICAL SCIENCE*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 103	Logic .....	3	THL 106	Dogmatic Theology <i>or</i>	
MIL 101	First Year Basic .....	2	SPE 101	Fund. of Eff. Speak. ....	3
PHE 101	Physical Education .....	1/2	MIL 102	First Year Basic .....	2
PHE 103	Health .....	1	PHE 102	Phys. Educ. (Women)....	1/2
ENG 101	English Composition I....	3	PHE 104	Health (Women) .....	1
HST 101	Hist. of Civilization .....	3	ENG 102	English Composition II....	3
	Language .....	3	HST 102	Hist. of Civilization.....	3
	Mathematics or Science ..	3-4		Language .....	3
ORI 101	Orientation .....	0		Mathematics or Science ..	3

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 207	Philosophical Psy. ....	3	THL 206	Gen. Moral Theol. ....	3
MIL 201	Second Year Basic .....	2	MIL 202	Second Year Basic .....	2
PHE 201	Phys. Educ. (Women)....	1/2	PHE 202	Phys. Educ. (Women)....	1/2
ENG 221	English Literature .....	3	ENG 222	American Literature .....	3
PSY 201	Introd. Psychology .....	3	SOC 201	General Sociology .....	3
HST 251	Amer. Hist. to 1865.....	3	HST 252	Amer. Hist. since 1865....	3
	Language .....	3		Language .....	3
SPE 101	Fund. of Eff. Speak. ....	3	POL 201	American Government ....	3

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 306	Epistemology .....	3	THL 306	Theol. & Moral Virtues ..	3
POL 302	Ohio Government .....	3	PHL 402	Gen. Metaphysics .....	3
POL 314	Internat'l Relations .....	3	POL 300-400	Elective .....	3
POL 300-400	Elective .....	3		300-400 Second Minor .....	3
300-400	Second Minor .....	3		300-400 Electives .....	3-6
300-400	Electives .....	3			

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 403	Natural Theology .....	3	THL 406	Christology & Sac. ....	3
PHL 410	Hist. of Pol. Philosophy ..	3	PHL 404	Ethics (Non-Cath.) <i>or</i>	
POL 421	Government Seminar .....	3	PHL 406	Hist. of Grk. Phil.	
300-400	Second Minor .....	3		(Cath.) .....	3
300-400	Electives .....	3-6	POL 412	Constitutional Law .....	3
			POL 300-400	Elective .....	3
			300-400	Second Minor .....	3
			300-400	Electives .....	3-6

# PROGRAM XI

## BACHELOR OF ARTS WITH A MAJOR IN PSYCHOLOGY

### Freshman Year

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
PHL	103	Logic .....	3	THL	106 Dogmatic Theology or
MIL	101	First Year Basic .....	2	SPE	101 Fund. of Eff. Speak. ....
PHE	101	Physical Education .....	1/2	MIL	102 First Year Basic .....
PHE	103	Health .....	1	PHE	102 Phys. Educ. (Women) ....
ENG	101	English Composition I....	3	PHE	104 Health (Women) .....
HST	101	Hist. of Civilization .....	3	ENG	102 English Composition II....
		Language .....	3	HST	102 Hist. of Civilization .....
BIO	101	General Biology I .....	4		Language .....
ORI	101	Orientation .....	0	Bio	102 General Biology II .....

### Sophomore Year

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
PHL	207	Philosophical Psy. ....	3	THL	206 Gen. Moral Theology ....
MIL	201	Second Year Basic .....	2	MIL	202 Second Year Basic .....
PHE	201	Phys. Educ. (Women) ....	1/2	PHE	202 Phys. Educ. (Women) ....
PSY	*204	General Psychology .....	3	ENG	222 American Literature .....
HST	251	Amer. Hist. to 1865....	3	HST	252 Amer. Hist. since 1865....
		Language .....	3		Language .....
SPE	101	Fund. of Eff. Speak. ....	3	PSY	302 Elementary Statistics .....
MTH	†121	College Algebra .....	3	Bio	204 Human Anatomy II .....
BIO	†203	Human Anatomy I .....	2		
*PSY	201	accepted as alternate if followed by PSY 300			

### Junior Year

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
PHL	306	Epistemology .....	3	THL	306 Theol. & Moral Virtues 3
PSY	305	Mental Hygiene .....	3	PHL	402 Gen. Metaphysics .....
PSY	308	Exper. Psychology I .....	3	PSY	309 Experimental Psych. II ..
PSY	†491	Readings in Psychology ..	1	PSY	*454 Physiological Psych. ....
	300-400	Second Minor .....	3	PSY	408 Social Psychology .....
ENG	221	English Literature .....	3	PSY	†492 Readings in Psychology ..
					300-400 Second Minor .....
					300-400 Elective .....
					*Recommended but not required unless Second Minor is Biology

### Senior Year

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
PHL	403	Natural Theology .....	3	THL	406 Christology & Sac. ....
PSY	315	Personality .....	3	PHL	404 Ethics (Non-Cath.) or
PSY	402	Psych. Tests & Meas. ....	3	PHL	406 Hist. of Grk. Phil.
PSY	†490	Spec. Prob. in Psychology 2			(Cath.) .....
	300-400	Second Minor .....	3	PSY	409 Hst. of Psychology .....
	300-400	Electives .....	6	PSY	412 Inter. & Counseling .....
				PSY	480 Seminar .....
					300-400 Second Minor .....
					300-400 Electives .....

†Recommended, but not required

## PROGRAM XII

## BACHELOR OF ARTS WITH A MAJOR IN SOCIOLOGY

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
Subjects		Cr. Hours	Subjects		Cr. Hours
PHL	103	Logic .....3	THL	106	Dogmatic Theology or
MIL	101	First Year Basic .....2	SPE	101	Fund of Eff. Speak. ....3
PHE	101	Physical Education ..... 1/2	MIL	102	First Year Basic .....2
PHE	103	Health .....1	PHE	102	Phys. Educ. (Women).... 1/2
ENG	101	English Composition I...3	PHE	104	Health (Women) .....1
HST	101	Hist. of Civilization.....3	ENG	102	English Composition II...3
		Language .....3	HST	102	Hist. of Civilization.....3
		Mathematics or Science...3-4			Language .....3
ORI	101	Orientation .....0			Mathematics or Science...3

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER				
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>		
PHL	207	Philosophical Psy. ....	3	THL	206	Gen. Moral Theol. ....	3
MIL	201	Second Year Basic .....	2	MIL	202	Second Year Basic .....	2
PHE	201	Phys. Educ. (Women)....	½	PHE	202	Phys. Educ. (Women)....	½
ENG	221	English Literature .....	3	ENG	222	American Literature .....	3
PSY	201	Introd. Psychology .....	3	SOC	201	General Sociology .....	3
HST	251	Amer. Hist. to 1865.....	3	HST	252	Amer. Hist. since 1865....	3
		Language .....	3			Language .....	3
SPE	101	Fund. of Eff. Speak. ....	3	SOC	202	Social Problems .....	3

*Junior Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 306 Epistemology .....	3	THL 306 Theol. & Moral Virtues ..	3
SOC 300-400 Elective .....	3	PHL 402 Gen. Metaphysics .....	3
SOC 300-400 Elective .....	3	SOC 300-400 Elective .....	3
300-400 Second Minor .....	3	SOC 300-400 Elective .....	3
300-400 Electives .....	3-6	300-400 Elective .....	3
		300-400 Second Minor .....	3-6

*Senior Year*

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
PHL 403 Natural Theology .....	3	THL 406 Christology & Sac. ....	3
SOC 300-400 Elective .....	3	PHL 404 Ethics (Non-Cath.) or	
SOC 401 Soc. Research and		PHL 406 Hist. of Grk. Phil.	
Soc. Stat. ....	3	(Cath.) .....	3
SOC 300-400 Elective .....	3	SOC 414 Seminar .....	3
300-400 Second Minor .....	3	SOC 300-400 Elective .....	3
300-400 Elective .....	3	300-400 Second Minor .....	3
		300-400 Electives .....	6

## PROGRAM XIII

## BACHELOR OF ARTS WITH A MAJOR IN SPEECH

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 103	Logic .....	3	THL 106	Dogmatic Theology or	
MIL 101	First Year Basic .....	2	SPE 101	Fund. of Eff. Speak. ....	3
PHE 101	Physical Education .....	1/2	MIL 102	First Year Basic .....	2
PHE 103	Health .....	1	PHE 102	Phys. Educ. (Women) ....	1/2
ENG 101	English Composition I....	3	PHE 104	Health (Women) .....	1
HST 101	Hist. of Civilization....	3	ENG 102	English Composition II....	3
	Language .....	3	HST 102	Hist. of Civilization....	3
	Mathematics or Science....	3-4		Language .....	3
ORI 101	Orientation .....	0		Mathematics or Science....	3

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 207	Philosophical Psy. ....	3	THL 206	Gen. Moral Theol. ....	3
MIL 201	Second Year Basic .....	2	MIL 202	Second Year Basic .....	2
PHE 201	Phys. Educ. (Women) ....	1/2	PHE 202	Phys. Educ. (Women) ....	1/2
ENG 221	English Literature .....	3	ENG 222	American Literature .....	3
PSY 201	Introd. Psychology .....	3	SOC 201	General Sociology .....	3
HST 251	Amer. Hist. to 1865....	3	HST 252	Amer. Hist. since 1865....	3
	Language .....	3		Language .....	3
SPE 101	Fund. of Eff. Speak. ....	3	SPE 300	Voice and Diction .....	3

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 306	Epistemology .....	3	THL 306	Theol. & Moral Virtues ..	3
†SPE 201	Public Speaking I .....	3	PHL 402	Gen. Metaphysics .....	3
‡SPE 302	Argumentation and		*SPE 307	Conference and Dis. ....	3
	Debate .....	3	SPE 301	Speech Composition .....	3
	300-400 Second Minor .....	3		300-400 Second Minor .....	3
	300-400 Elective .....	3-6		300-400 Elective .....	3-6
†or SPE 306, 313			*or SPE 309, 310, 324		
‡or SPE 204					

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 403	Natural Theology .....	3	THL 406	Christology & Sac. ....	3
†SPE 401	Public Speaking II....	3	PHL 404	Ethics (Non-Cath.) or	
*SPE 409	Television Production ....	3	PHL 406	Hist. of Grk. Phil.	
	300-400 Second Minor .....	3		(Cath.) .....	3
	300-400 Elective .....	3-6	†SPE 424	Play Directing .....	3
†or SPE 320			SPE 430	Seminar in Speech Arts....	3
*or SPE 414, 415				300-400 Second Minor .....	3
				300-400 Elective .....	3-6
			†or SPE 316, 425		



## PROGRAM XIV

## BACHELOR OF ARTS WITH A MAJOR IN THEOLOGY

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 103	Logic .....	3	THL 106	Dogmatic Theology or	
MIL 101	First Year Basic .....	2	SPE 101	Fund. of Eff. Speak. ....	3
PHE 101	Physical Education .....	1/2	MIL 102	First Year Basic .....	2
PHE 103	Health .....	1	PHE 102	Phys. Educ. (Women) ....	1/2
ENG 101	English Composition I .....	3	PHE 104	Health (Women) .....	1
HST 101	Hist. of Civilization .....	3	ENG 102	English Composition II ..	3
	Language .....	3	HST 102	Hist. of Civilization .....	3
	Mathematics or Science ..	3-4		Language .....	3
ORI 101	Orientation .....	0	(1)	Mathematics or Science ..	3-4

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 207	Philosophical Psy. ....	3	THL 206	Gen. Moral Theology or	
MIL 201	Second Year Basic .....	2		Elective .....	3
PHE 201	Phys. Educ. (Women) ....	1/2	MIL 202	Second Year Basic .....	2
ENG 221	English Literature .....	3	PHE 202	Phys. Educ. (Women) ....	1/2
PSY 201	Introd. Psychology .....	3	ENG 222	American Literature .....	3
HST 251	Amer. Hist. to 1865 .....	3	SOC 201	General Sociology .....	3
	Language .....	3	HST 252	Amer. Hist. since 1865 ..	3
SPE 101	Fund. of Eff. Speak. ....	3		Language .....	3

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
PHL 306	Epistemology .....	3	THL 306	Theol. & Moral Virtues ..	3
	300-400 Second Minor .....	3	PHL 402	Gen. Metaphysics .....	3
*	Electives in Major:			300-400 Second Minor .....	3
THL 368	Pius XII: Mystical Body 3		*	Electives in Major:	
THL 342	Survey of Mariology I ....	3	THL 467	Theology of the Liturgy 3	
THL 471	Social Doc. of Pius XI ..	3	THL 473	Atheistic Communism ....	3
	300-400 Electives .....	3-6		300-400 Electives .....	3-6

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
THL 406	Christology & Sac. ....	3	THL 406	Christology & Sac. ....	3
PHL 403	Natural Theology .....	3	PHL 406	Hist. of Grk. Phil. ....	3
	300-400 Second Minor .....	3		300-400 Second Minor .....	3
*	Electives in Major:		*	Electives in Major:	
THL 366	Christian Con. of Mar. ....	3	THL 386	Theol. of Lay Apostolate 3	
THL 444	Survey of Mariology II ....	3	THL 450	New Testament Prob. ....	3
THL 351	Old Testament Prob. ....	3		300-400 Electives .....	3-6
	300-400 Electives .....	3-6			

\*One course to be chosen each semester from each group.

## PROGRAM XV

## CAREY

*Freshman Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
THL 105 Dogmatic Theology .....	2
ENG 101 English Composition I.....	3
LAT 101 Elementary Latin .....	3
HST 101 Hist. of Civiliz.....	3
SOC 201 General Sociology .....	3
FRE 101 Elementary French .....	3
SPE 201 Speaking Technique .....	2

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
THL 106 Moral Theology .....	2
ENG 102 English Composition II.....	3
LAT 102 Elementary Latin .....	3
HST 102 Hist. of Civiliz.....	3
PSY 204 General Psychology .....	3
FRE 102 Elementary French .....	3
SPE 202 Interpret. Reading .....	2

Summer Session at U of D or Carey

Mathematics .....4 or Natural Science .....4

*Sophomore Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
THL 115 Life of Christ .....	2
ENG 221 Eng. Literature .....	3
LAT 412 Eccles. Latin .....	3
HST 251 American History .....	3
EDU 203 Educ. Psychology .....	3
PHL 311 Logic .....	3
FRE 201 Intermed. French .....	3

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
THL 116 Life of Christ .....	2
ENG 222 Amer. Literature .....	3
LAT 414 Patristic Latin .....	3
HST 252 American History .....	3
EDU 318 Mental Hygiene .....	3
PHL 306 Epistemology .....	3
FRE 202 Intermed. French .....	3

Summer Session at U of D or Carey

Mathematics .....3 Natural Science .....2

*Junior Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
PHL 307 Phil. of Nature .....	5
PHL 406 Hist. of Greek Phil. ....	3
HST 361 Hist. of Relig. Orders ....	3
ENG 419 Newman .....	3
EDU 311 Secondary Educ. ....	3
MUS 245 Gregorian Chant .....	1

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
PHL 304 Philosophy of Man .....	4
PHL 407 Hist. Medieval Phil.....	3
HST 325 Franciscan History .....	3
ENG 423 Trag. of Shakespeare.....	3
EDU 308 Techniques of Teach.....	3
MUS 246 Gregorian Chant .....	1

Summer Session at U of D or Carey

Education, Methods .....3 Political Science .....3

*Senior Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
PHL 421 Metaphysics I .....	3
PHL 404 Ethics .....	3
PHL 418 Hist. of Modern Phil.....	3
HST 302 Renaissance, Reform.....	3
ENG 428 Literary Criticism .....	3
SOC 308 Anthropology .....	3
MUS 247 Gregorian Chant .....	1

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
PHL 422 Metaphysics II .....	3
PHL 441 Seminar in Phil. ....	2
PHL 419 Hist. Contemp. Phil.....	3
HST 303 Expansion of Europe.....	3
ENG 316 Adv. Composition .....	3
SOC 404 Social Institutions .....	3
MUS 248 Gregorian Chant .....	1

Summer Session at U of D or Carey

Education .....3 Science .....3

## PROGRAM XVI

## \*CARTHAGENA

*Freshman Year*

## ST. JOSEPH'S COLLEGE

## FIRST SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
ENG	21	Intro. to Lit. Studies .....3
GRK	1	Elem. of New Testament 3
LAT	5	Cicero .....3
LAT	7	Latin Composition I .....1
REL	11	The Sacred Liturgy .....3
MTH	11	Fund. Math. & Alge. or 3
BIO	5	Principles of Biology .....3

## SECOND SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
ENG	22	The English Language ....3
GRK	2	Elem. of New Testament 3
HUM	25	Music Art Forms or .....4
HUM	27	Art: His. & Appreciation 4
LAT	6	Horace .....3
LAT	8	Latin Composition I .....1
MTH	12	Trigonometry & Analytical Geometry or .....3
MTH	5	Algebraic Structure & the Number System .....3

*Sophomore Year*

## ST. JOSEPH'S COLLEGE

## FIRST SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
GRK	21	The Greek New Testa. ....3
HUM	23	World Literature .....2
LAT	21	Livy .....3
LAT	25	Latin Composition II .....1
REL	21	Christ in the Scriptures ..3
SPE	15	Fundamentals of Speech ..2
Electives		Elec. in Teach. Area .....3

## SECOND SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
ECO	28	Elements of Economics ..3
HUM	24	World Literature .....2
LAT	22	Latin Hymns and Ecclesiastical Writers ....3
LAT	26	Latin Composition II .....1
PHL	12	Logic .....3
Electives		Elec. in Teaching Area ....6

*Junior Year*

## CARTHAGENA

## FIRST SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
PHL	307	Philosophy of Nature ....5
PHL	416	Hist. of Anc. Philosophy 2
HST	313	Hist. of Chris. Antiquity 3
PSY	204	General Psychology .....3
EDU	208	The Learning Process .....3
SPE	303	Adv. Interpretative Read. 2

## SECOND SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
PHL	304	Philosophy of Man .....4
PHL	417	Hist. of Med. Philosophy 4
PHL	433	Introduction to St. Thomas Aquinas .....1
HST	301	Medieval Europe .....3
HST	470	The Catholic Church in the U. S. ....2
Soc	404	Social Institutions .....3

*Senior Year*

## CARTHAGENA

## FIRST SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
PHL	421	Metaphysics I .....3
PHL	422	Metaphysics II .....3
PHL	418	Hist. of Mod. Philosophy 3
HST	302	Renaiss. & Reformation ....3
PSY	305	Mental Hygiene .....3
EDU	412	Meas. in Education .....3

## SECOND SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
PHL	423	Metaphysics of Knowl. ....3
PHL	424	Prob. of Metaphysics ....3
PHL	425	Social Philosophy .....3
PHL	419	History of Contemporary Philosophy .....3
HST	431	Modern Church History ..3
SPE	401	Adv. Public Speaking ....2

\* The description of these courses can be found in the Catalog of St. Charles Seminary, Carthagen, Ohio, 1957-1958.

PROGRAM XVII  
MARIANIST COLLEGE

*Novitiate Year*

MARCY

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
MUS	245	Gregorian Chant .....	MUS	246	Gregorian Chant II .....
THL	160	Int. to Sp. Theology .....	THL	161	Int. to Sp. Theology .....
THL	162	Liturgical Theology 2 (or 3)	THL	341	General Mariology I .....
			ENG	101	English Composition .....

*Freshman Year*

MOUNT ST. JOHN

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
ENG	102	English Composition .....	ENG	221	English Literature .....
HST	101	History of Civilization ....	HST	102	History of Civilization ....
PHL	103	Logic .....	PHL	402	Gen. Metaphysics .....
THL	106	Dogmatic Theology .....	THI	206	Gen. Moral Theology ....
		(2 of the following 4)			(2 of the following 4)
EDU	198	Nature of the Learner ....	EDU	207	Growth & Development ...
FRN	101	Elementary French .....	FRN	102	Elementary French .....
LAT	307	Readings in Latin Lit. ....	LAT	301	Latin Composition .....
MTH	117	College Algebra & Trig. 5	MTH	216	Anal. Geom. & Calculus 5

*Other Courses Offered at Marianist College*

<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
ART	101	Drawing .....	GRK	306	New Test. Greek .....
ART	103	Intro. Painting I .....	LAT	306	Horace .....
ART	104	Intro. Painting II .....	LAT	309	Cicero .....
ART	201	Prin. of Design I .....	LAT	413	Conf. of St. Aug. ....
ART	202	Prin. of Design II .....	THL	306	Thl. & Moral Virtues ...
ART	205	Graphic Arts .....	THL	406	Christology, Sacraments ..
ART	207	Com. Art & Lettering .....	THL	408	Christology, Sacraments ..
ART	407	Art in the Schools .....	THL	444	Survey of Mariology .....
GRK	101	Elementary Greek .....	THL	190	The Christian & Crisis ...
GRK	102	Elementary Greek .....	THL	290	The Mission of Church ...
GRK	305	Septuagint .....	THL	390	Mission of the S. M. ....

BACHELOR OF SCIENCE PROGRAMS

PROGRAM I

BACHELOR OF SCIENCE WITH A MAJOR IN BIOLOGY

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
BIO	101	Gen. Biology .....	BIO	102	Gen. Biology .....
CHM	123	Gen. Chemistry .....	CHM	124	Gen. Chemistry .....
ENG	101	English Composition I ....	ENG	102	Eng. Composition II ....
MTH	121	College Algebra .....	MTH	122	College Trig. ....
MIL	101	First Year Basic .....	MIL	102	First Year Basic .....
ORI		Orientation .....	PHL	103	Logic .....
PHE	101	Physical Education .....			
THL	106	Dogmatic Theology .....			
		or			
SPE	101	Fund. of Eff. Speaking*..			

*Sophomore Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
BIO 209 Comparative Anatomy ....	5
ENG 221 English Literature .....	3
GER 101 Elementary German .....	3
MIL 201 Second Year Basic .....	2
PHY 201 General Physics (1).....	4
THL 206 Gen. Moral Theology ....	3
or	
Elective(*) .....	3

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
CHM 301 Quantitative Anal. (3)....	4
GER 102 Elementary German .....	3
MIL 202 Second Year Basic .....	2
PHL 207 Philosophical Psych. ....	3
PHY 202 General Physics (1).....	4
Elective .....	3

*Junior Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
BIO 312 General Genetics .....	4
BIO Elective .....	3-4
CHM 313 Organic Chemistry (4)....	4
THL 306 Theol. & Moral Virtues ..	3
or	
PHL 403 Natural Theology .....	3
SPE 101 Fund. of Eff. Speak. ....	3
or	
Elective .....	3

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
BIO 303 Physiology .....	4
BIO Elective .....	3-4
CHM 314 Organic Chem. (4) .....	4
PHL 402 General Metaphysics .....	3
Elective .....	3

*Senior Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
BIO 407 Embryology .....	5
BIO Elective .....	3-4
THL 406 Christology, Sacraments ..	3
or	
PHL 404 Ethics(*) .....	3
Elective .....	3

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
BIO 420 Seminar .....	1
BIO Elective .....	5-6
PHL 306 Epistemology .....	3
Elective .....	3-6

Biology majors desiring a more rigorous training in Mathematics and the Physical Sciences as a preparation for work toward advanced degrees in the fields of Biochemistry, Biophysics, Physiology etc., should elect the alternate courses indicated in the Program.

(\*) For Non-Catholics

(1) May substitute PHY 206, 2-7, 2-8 for PHY 201, 202

(2) For those who have not had SPE 101 in the freshman year

(3) May substitute CHM 303, 304 for CHM 301

(4) May substitute CHM 315, 316 for CHM 313, 314

## PROGRAM II

### BACHELOR OF SCIENCE WITH A MAJOR IN CHEMISTRY

#### *Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
CHM	123	Gen. Chemistry .....4	CHM	124	Gen. Chemistry .....3
ENG	101	English Composition I ....3	CHM	126	Gen. Chem. Lab. ....2
MTH	117	College Algebra & Trig. 5	ENG	102	Eng. Composition II.....3
MIL	101	First Year Basic .....2	MTH	216	Analytic Geom. & Calc. 1 .....5
ORI		Orientation .....0	MIL	102	First Year Basic .....2
THL	106	Dogmatic Theology .....3	PHL	103	Logic .....3
		or			
SPE	101	Fund. of Eff. Speak. (*) 3			
PHE	101	Physical Education ..... 1/2			
PHE	103	Health .....1			

#### *Sophomore Year*

FIRST SEMESTER				SECOND SEMESTER			
<i>Subjects</i>		<i>Cr. Hours</i>		<i>Subjects</i>		<i>Cr. Hours</i>	
CHM	215	Quantitative Analysis 1	..4	CHM	216	Quantitative Anal. 2	.....4
GER	101	Elementary German		GER	102	Elementary German (1)	..3
		(1)	.....3	MTH	218	Analytic Geom. &	
MTH	217	Analytic Geom. &				Calc. 3	.....4
		Calc. 2	.....4	MIL	202	Second Year Basic	.....2
MIL	201	Second Year Basic	.....2	PHY	207	Electricity & Magnet	.....4
THL	206	Gen. Moral Theol.	.....3	PHI	207	Phil. Psych.	.....3
PHY	206	Mechanics & Sound	.....4				

#### *Junior Year*

FIRST SEMESTER				SECOND SEMESTER			
<i>Subjects</i>		<i>Cr. Hours</i>		<i>Subjects</i>		<i>Cr. Hours</i>	
CHM	303	Physical Chemistry .....	4	CHM	304	Physical Chemistry .....	4
CHM	315	Organic (4) .....	5	CHM	316	Organic (4) .....	5
GER	307	Chemical German .....	3	CHM	307	Chemical Literature .....	1
PHY	208	Heat & Light .....	4	ENG		Advanced Course .....	3
THL	306	Theol. & Moral Virtues .....	3	SPE	101	Fund. of Eff. Speaking .....	3
		or		PHL	402	Gen. Metaphysics .....	3
PHL	403	Natural Theology (*) .....	3				

#### *Senior Year*

FIRST SEMESTER				SECOND SEMESTER			
<i>Subjects</i>		<i>Cr. Hours</i>		<i>Subjects</i>		<i>Cr. Hours</i>	
CHM	405	Qual. Organic Anal. ....	3	ENG		Advanced Course .....	3
CHM		Elective (2) .....	3	CHM *498		Seminar .....	2
THL	406	Christology, Sacraments ..	3	CHM		Elective .....	3
		or		PHL	306	Epistemology .....	3
PHL	404	Ethics .....	3	PHL	404	Ethics (*) .....	3
		Electives (3) .....	3-6			Elective (3) .....	3

\*CHM Seminar .....2 credit hours. Required of all Chemistry majors. Two meetings are held each week. Second Semester, Each Year.

- (\*) For Non-Catholics
- (1) GER 201-202 may be substituted
- (2) Chemistry Electives
- |                                 |                                      |
|---------------------------------|--------------------------------------|
| 408 Laboratory Techniques ..1   | (3) General Electives                |
| 412 Intermediate Organic .....3 | SOC 201 General Sociology .....3     |
| 417 Inorganic Chemistry .....3  | SOC 202 Social Problems .....3       |
| 499 Research .....3             | POL 201 American Government .....3   |
|                                 | ACC 203 Survey of Accounting .....3  |
|                                 | BUS 315 Prin. of Management .....3   |
|                                 | ACC 310 Cost Analysis .....3         |
|                                 | MTH 301 Differential Equations ....3 |
- (4) CHM 313-314 may be substituted with permission of Chairman of Department.

## PROGRAM III

## BACHELOR OF SCIENCE WITH A MAJOR IN GEOLOGY

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
ENG 101	English Composition I .....	3	ENG 102	Eng. Composition II.....	3
GEO 115	Physical Geology .....	4	GEO 116	Historical Geology .....	4
MTH 117	College Algebra & Trig. 5		MTH 216	Analytic Geom. & Calc. 1 (1) .....	5
MIL 101	First Year Basic .....	2	MIL 102	First Year Basic .....	2
PHE 101	Physical Education .....	1/2	PHE 103	Health .....	1
THL 106	Dogmatic Theology .....	3	PHL 103	Logic .....	3
	or				
SPE 101	Fund. of Eff. Speak.* .....	3			
ORI	Orientation .....	0			

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
CHM 123	Gen. Chemistry .....	4	CHM 124	Gen. Chemistry .....	4
GEO 201	Mineralogy .....	4	GEO 204	Optical Mineralogy .....	4
MIL 201	Second Year Basic .....	2	MIL 202	Second Year Basic .....	2
THL 206	Gen. Moral Theol. ....	3	PHY 202	Gen. Physics (2) .....	4
	or		PHL 207	Phil. Psych. ....	3
	Elective (*) .....	3		Modern Language .....	3
PHY 201	Gen. Physics (2) .....	4			
	Modern Language .....	3			

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
GEO 301	Structural Geology .....	4	CIE 211	Surveying .....	2
GEO	Advanced .....	4	GEO 310	Stratigraphy .....	4
THL 306	Theol. & Moral Virtues ..	3	GEO	Advanced .....	4
	or		PHL 402	Gen. Metaphysics .....	3
PHL 403	Natural Theol. * .....	3		Elective (4) .....	3
SPE 101	Fund. of Eff. Speak. ....	3			
	Elective (3) .....	3			

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
GEO	Advanced Course .....	4	GEO	Advanced Course .....	4
GEO	Advanced Course .....	4	GEO	Advanced Course .....	4
THL	406 Christology, Sacraments .....	3	PHL	306 Epistemology .....	3
	or			Elective (5) .....	3
PHL	404 Ethics* .....	3			
	Elective (5) .....	3			

\* For Non-Catholics.

- (1) MTH 216 may be replaced by electives with permission of Chairman of Department.
- (2) PHY 206, 207, 208 may replace PHY 201-202 if MTH 217, 218, is also taken in sequence.
- (3) CHM 215, 301 or advanced mathematics recommended. Bio 102 or Humanities course permitted in some cases.
- (4) CHM 216, 302 or advanced mathematics recommended. Bio 102 or Humanities course permitted in some cases.
- (5) Advanced courses in the physical sciences recommended. Humanities course permitted in some cases.

## PROGRAM IV

BACHELOR OF SCIENCE WITH A MAJOR IN MATHEMATICS  
OR MATHEMATICAL STATISTICS*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
CHM	123 Gen. Chemistry .....	4	CHM	124 Gen. Chemistry .....	4
ENG	101 English Composition I .....	3	ENG	102 Eng. Composition II .....	3
MTH	117 College Algebra & Trig. .....	5	MTH	216 Analytic Geom. & Calc. 1 .....	5
MIL	101 First Year Basic .....	2	MIL	102 First Year Basic .....	2
ORI	Orientation .....	0	PHY	206 Mechanics & Sound .....	4
PHE	101 Physical Education .....	1/2	PHL	103 Logic .....	3
PHE	103 Health .....	1			
THL	106 Dogmatic Theology .....	3			
	or				
SPE	101 Fund. of Eff. Speak.* .....	3			

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
GER	101 Elementary German .....	3	GER	102 Elementary German .....	3
MTH	217 Analytic Geom. & Calc. 2 .....	4	MTH	218 Analytic Geom. & Calc. 3 .....	4
MIL	201 Second Year Basic .....	2	MIL	202 Second Year Basic .....	2
THL	206 Gen. Moral Theol. .....	3	PHY	208 Heat & Light .....	4
PHY	207 Electricity & Magnet .....	4	PHL	207 Phil. Psych. .....	3
	Elective (Eco 201) .....	3	SPE	101 Fund. Effective Speak. .....	3
				Elective(*) .....	3



*Junior Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
MTH 301 Differential Equations .....	3
MTH 432 Fourier Series (1) .....	3
THL 306 Theol. & Moral Virtues..3	
or	
PHL 403 Natural Theol.(*) .....	3
PHY Advanced Course .....	3
Elective .....	3

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
MTH 431 Vector Analysis (2) .....	3
MTH 361 Int. to Abstract Algebra..3	
PHY Advanced Course .....	3
PHL 402 Gen. Metaphysics .....	3

*Senior Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
MTH 421 Advanced Calc. ....	3
MTH 461 Complex Variables (3) ..	3
THL 406 Christology & Sacram.....3	
or	
PHL 404 Ethics(*) .....	3
ENG Advanced Course .....	3
PHY Advanced Course .....	3

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
GER 305 Scientific German .....	3
MTH 422 Advanced Calc. ....	3
MTH 471 Topology (3) .....	3
PHY Advanced Course .....	3
PHL 306 Epistemology .....	3

(\*) For Non-Catholics

(1) MTH 417 may be substituted

(2) MTH 415 may be substituted

(3) MTH 411-412 may be substituted for MTH 461 and 471

Philosophy, Economics or Chemistry may be chosen as a minor, instead of Physics. However, a year of Chemistry and three semesters of Physics are required, regardless of the choice of a minor. French or Russian may replace German as a foreign language with permission of the Chairman of the Department of Mathematics.

## PROGRAM V

## BACHELOR OF SCIENCE WITH A MAJOR IN PHYSICS

*Freshman Year*

## FIRST SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
CHM 123 Gen. Chemistry .....	4
ENG 101 English Composition I .....	3
MTH 117 College Algebra & Trig...5	
MIL 101 First Year Basic.....2	
ORI Orientation .....	0
PHE 101 Physical Education .....	1/2
PHE 103 Health .....	1
THL 106 Dogmatic Theology .....	3
or	
SPE 101 Fund. of Eff. Speak.....3	

## SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>
CHM 124 Gen. Chemistry .....	4
ENG 102 Eng. Composition II.....3	
MTH 216 Analytic Geom. & Calc. 1 .....	5
MIL 102 First Year Basic.....2	
PHY 206 Gen. Physics I .....	4
PHL 103 Logic .....	3

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
GER	101	Elementary German .....3	GER	102	Elementary German .....3
MTH	217	Analytic Geom. & Calc. II .....4	MTH	218	Analytic Geom. & Calc. III .....4
MIL	201	Second Year Basic .....2	MIL	202	Second Year Basic .....2
THL	206	Gen. Moral Theol. ....3	PHY	208	Gen. Physics III .....4
		or	PHL	207	Phil. Psych. ....3
		Elective(*) .....3	SPE	101	Fund. of Eff. Speak. ....3
PHY	207	Gen. Physics II .....4			
		Elective .....3			

*Junior Year*

FIRST SEMESTER				SECOND SEMESTER			
<i>Subjects</i>		<i>Cr. Hours</i>		<i>Subjects</i>		<i>Cr. Hours</i>	
ENG		Advanced Course .....	3	MTH	431	Vector Analysis .....	3
MTH	301	Differential Equations ....	3	PHY	304	Intermed. Mechanics II ..	3
THL	306	Theol. & Moral Virtues..	3	PHY	321	Nuclear Physics .....	3
		or		PHY	404	Physical Optics .....	3
PHL	403	Natural Theol. (*) .....	3	PHY	432	Advanced Lab. II .....	2
PHY	303	Intermed. Mechanics I ....	3	PHY	460	Seminar .....	1/2
PHY	311	Atomic Physics .....	3	PHL	402	Gen. Metaphysics .....	3
PHY	431	Advanced Lab I .....	2				
PHY	460	Seminar .....	1/2				

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
MTH	421	Advanced Calculus I .....3	GER	305	Scientific German .....3
THL	406	Christology & Sacram.....3	MTH	422	Advanced Calculus II ....3
		or	PHY	409	Advanced Elec. & Magnet. II .....3
PHL	404	Ethics (*) .....3	PHY	460	Seminar ..... 1/2
PHY	301	Thermodynamics .....3	PHL	306	Epistemology .....3
PHY	408	Adv. Elec. & Magnet I ....3			
PHY	433	Advanced Lab. III .....2			
PHY	460	Seminar ..... 1/2			

(\*) For Non-Catholics

Physics advanced courses may be selected from the following:

PHY	313-		PHY	351	Astronomy I .....	3	
	313LElec. Measurements .....	4	PHY	450	Astronomy II .....	3	
PHY.	402	Wave Theory .....	3	PHY	420	Solid State .....	3
PHY	403	Geometrical Optics .....	3	PHY	440	X-Ray .....	3
PHY	411	Theoretical Physics .....	3	PHY	499	Special Problems .....	1-3

## PROGRAM VI BACHELOR OF SCIENCE IN 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 constructing 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.

### GENERAL HOME ECONOMICS

#### *Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
BIO 101	Gen Biology .....	4	BIO 102	Gen. Biology .....	4
	or			or	
CHM 110	Gen. Chem. ....	5	CHM 200	Organic Chemistry .....	5
ENG 101	English Composition I ....	3	ENG 102	Eng. Composition II.....	3
HEC 102	Foods I .....	3	HEC 101	Clothing I .....	3
HEC 105	Intro. to Rel. Art .....	3	PHE 102	Physical Education .....	1/2
PHE 101	Physical Education .....	1/2	PHE 104	Health .....	1
PHE 103	Health .....	1	PHL 103	Logic .....	3
THL 106	Dogmatic Theol. ....	3	SPE 101	Fund. of Eff. Speak.....	3
	or			or	
SPE 101	Fund. of Eff. Speak.*.....	3		Elective .....	3
ORI	Orientation .....	0			

#### *Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
HEC 211	Clothing II .....	3	ENG 221	English Literature .....	3
HEC 221	Home Management I .....	3	HEC 201	Foods II .....	3
HEC 225	Child Development I.....	3	HEC 214	Textiles .....	3
PHE 201	Physical Education .....	1/2	HEC 318	Family Living .....	3
SOC 201	Gen. Sociology .....	3	PHE 202	Physical Education .....	1/2
THL 206	Gen. Moral Theol. ....	3	PSY 204	General Psychology .....	3
	or		PHL 207	Phil. Psychology .....	3
	Elective(*) .....	3			

#### *Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
HEC 309	Household Equipment ....	3	HEC 328	Problems Home Furn. ....	3
HEC	Advanced Course .....	3	HEC 303	Nutrition & Health .....	3
	Minor .....	3		Minor .....	3
THL 306	Theol. & Moral Virtues ..	3		Electives .....	3-6
	or		PHL 402	Gen. Metaphysics .....	3
PHL 403	Natural Theology(*) .....	3			

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
HEC	Adv. Course .....	3	HEC	Adv. Course .....	3
HEC	406 Home Management II .....	3		Minor .....	3
THL	406 Christology & Sacra.....	3		Elective .....	6
	or .....		PHL	306 Epistemology .....	3
PHL	404 Ethics (*) .....	3			
	Minor .....	3			
	Elective .....	3			

(\*) For Non-Catholics

A minor must be taken in another area such as English, Psychology, Retailing or History.

A student must take at least 21 hours in upper level Home Economics.

Six hours must be chosen from one area;

Foods—HEC 303, 327, 401, 437

Clothing—HEC 415, 436

Interior Decoration—HEC 326, 430, 436

## DIETETIC INTERNSHIP PROGRAM

*Freshman Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
BIO	101 Gen. Biology .....	4	BIO	102 Gen. Biology .....	4
CHM	110 Gen. Chemistry .....	5	CHM	200 Organic Chemistry .....	5
ENG	101 English Composition I .....	3	ENG	102 English Comp. II .....	3
HEC	102 Foods I .....	3	PHE	102 Physical Education .....	1/2
PHE	101 Physical Education .....	1/2	PHE	104 Health .....	1
PHE	103 Health .....	1	PHL	103 Logic .....	3
THL	106 Dogmatic Theology .....	3	SPE	101 Fund of Eff. Speak. ....	3
	or .....				
SPE	101 Fund of Eff. Speak. ....	3			

*Sophomore Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
ACC	205 Principles of Acctg. ....	4	ACC	206 Principles of Acctg. ....	4
ENG	221 English Literature .....	3	EDU	198 Nature of Learner .....	3
HEC	221 Home Management I .....	3	HEC	201 Foods II .....	3
HEC	225 Child Development I .....	3	HEC	318 Family Living .....	3
PHE	201 Physical Education .....	1/2	PHE	202 Physical Education .....	1/2
THL	206 Gen. Moral Theol. ....	3	PHL	207 Phil. Psych. ....	3
	or .....				
	Elective(*) .....	3			

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
BIO	303 Physiology .....	3	CHM	400 Biochemistry (1) .....	5
HEC	303 Nutrition & Health .....	3	HEC	304 Quantity Cookery .....	3
HEC	323 Demonstration Meth. ....	1	HEC	308 Institutional Buying .....	3
	Electives .....	6	HEC	401 Advanced Nutrition .....	3
THL	306 Theol. & Moral Virtues ..	3	PHL	402 Gen. Metaphysics .....	3
	or .....				
PHL	403 Natural Theol.(*) .....	3			

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
HEC 406	Home Management II	....3	Bio 400	Applied Bacteriology	....3
PSY 420	Industrial Psych.	.....3	HEC 402	Diet in Disease	.....3
	Electives	.....6	HEC 407	Org. and Management	....3
THL 406	Christology & Sacra	.....3	PHL 406	Epistemology	.....3
	or				
PHL 404	Ethics(*)	.....3			

(\*) Non-Catholics may substitute an elective for Religion.

(1) CHM 400, prerequisite or concurrent with advanced nutrition.

**PROGRAM VII****BACHELOR OF SCIENCE WITH A MAJOR IN  
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 is given patterned after that of the Registry of Medical Technologists.

**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 first, 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.

For those who are not interested in the Bachelor's degree, but who want the certificate only, a three year program will be arranged by the Assistant to the Dean of the Division which will satisfy the minimum requirements for admission to the hospital training period.

Applicants must present the following qualifications:

A. FOR CERTIFICATE ONLY.

1. Three years (90 credit hours) of college work in a college or university accredited by a recognized standardizing association.
2. The minimum credits as required by the Registry of Medical Technologists, Muncie, Indiana, with minor additions listed below. The student must submit an official transcript of college credits approved by the Registry. The following credits are required:

*Biology:* 16 semester hours, which must include General Biology and or Zoology, Bacteriology, Parasitology, Physiology, Anatomy, Histology, Embryology may be used to fulfill the requirement. Bacteriology is preferred.

*Chemistry:* 16 semester hours which must include one year of general Inorganic Chemistry, both lecture and laboratory. To complete the remaining requirement, Quantitative Chemistry, Organic Chemistry, or Biochemistry including lecture and laboratory may be taken. Quantitative Chemistry is preferred.

*Mathematics:* 3 semester hours of College Mathematics.

*Electives:* It is recommended that subjects such as Anatomy, English, Physics, Organic Chemistry, Advanced Bacteriology, Humanities and Social Sciences while not required, may be taken to fulfill the requirements for the total credit hours.

B. FOR B. S. IN MEDICAL TECHNOLOGY.

1. Three years of college work of which a minimum of 30 semester hours must be taken at the University of Dayton. The subjects listed above should be included.
2. 52-56 weeks' work at the Hospital Laboratory for which the student receives 33 semester hours of credit. Some students may be required to follow subjects given on the University campus, concurrently with training at the Hospital Laboratory.
3. A total of 128 semester hours, including the Major in Medical Technology, a minor either in Chemistry or Biology (12 semester hours above basic courses). Students are accepted for classes beginning in July. Completion of hospital training in August should not, in most cases, interfere with graduation in June.

HOSPITAL EXPENSES

1. *Tuition*—No tuition is paid to the University by the students while completing the practical year. However, students working for the B.S. degree from the University of Dayton are required to register with the University.

2. *Maintenance*—Complete maintenance will be provided if desired. It is somewhat difficult for us to supply rooms for male students at the present time.

3. *Uniforms*—The student shall provide herself with uniforms.

4. Required textbooks on clinical laboratory procedures as approved by the Director of the School.

### LENGTH OF CLINICAL COURSE

THE COURSE of instruction covers a period of 52-56 consecutive weeks. Vacation periods or leaves of absence are not provided because not desirable, but can be arranged upon necessity. The hours of duty are from 8:00 a.m. to 5:00 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.

#### FIRST SEMESTER *Freshman Year* SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
BIO 101 Gen. Biology .....	4	BIO 102 Gen. Biology .....	4
CHM 123 Gen. Chemistry .....	4	CHM 124 Gen. Chemistry .....	4
ENG 101 English Composition I ....	3	ENG 102 English Comp. II .....	3
MTH 121 College Algebra .....	3	MIL 102 First Year Basic .....	2
MIL 101 First Year Basic .....	2	PHL 103 Logic .....	3
PHE 101 Physical Education .....	1/2	PHE 102 Physical Education .....	1/2
THL 106 Prin. Dogm. Theol. ....	3		
or			
SPE 101 Fund of Eff. Speak. (*)	3		

#### FIRST SEMESTER *Sophomore Year* SECOND SEMESTER

<i>Subjects</i>	<i>Cr. Hours</i>	<i>Subjects</i>	<i>Cr. Hours</i>
BIO 203 Human Anatomy .....	2	BIO 204 Human Anatomy .....	2
BIO 312 General Genetics .....	4	BIO 209 Comparative Anat. Lab. ..	2
ENG 221 English Literature .....	3	CHM 301 Quantitative Analysis .....	4
ENG 305 Medical Terminology ....	3	MIL 202 Second Year Basic .....	2
MIL 201 Second Year Basic .....	2	PHE 202 Physical Educ. Women ....	1/2
PHE 201 Physical Education, Wom. 1/2		PHL 207 Phil. Psych. ....	3
THL 206 Gen. Moral Theol. ....	3	Electives .....	6
or			
Elective (*) .....	3		

*Junior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
BIO 303	Physiology .....	3	BIO 411	Bacteriology .....	5
BIO 309	Microtechnique .....	4	CHM 314	Organic Chemistry .....	4
CHM 313	Organic Chemistry .....	4	PHL 404	Ethics * .....	3
THL 306	Theol. & Moral Virtues ..3		SPE 101	Fund of Eff. Speak. (**) 3	
	or			or	
PHL 403	Natural Theology (*) ..3			Elective .....	3
(*) For Non-Catholics.					
(**) For Catholics.					

*Senior Year*

## (CLINICAL TRAINING IN HOSPITAL LABORATORY)

*Good Samaritan, St. Elizabeth, Miami Valley*

<i>Subjects</i>	<i>Credit Hours</i>
MET 471 Urinalysis and Renal Functions .....	3
MET 472 Hematology .....	5
MET 473 Bacteriology and Parasitology .....	6
MET 473 Chemistry and Gastric Analysis .....	7
MET 475 Histology and Cytology .....	4
MET 476 Serology, Spinal Fluids .....	4
MET 477 Electrocardiography, B.M.R. ....	2
MET 478 Blood Bank .....	2

## PROGRAM VIII

## BACCALAUREATE PROGRAM FOR REGISTERED NURSES

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-time semester 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 128 semester hours of credit is required for graduation. In some instances it may be necessary for a student to accumulate more than 128 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 semester 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.

The following minimum course requirements must be fulfilled for the degree Bachelor of Science in Nursing:

English Composition .....	6 Hours
English and American Literature .....	6 Hours
Speech .....	3 Hours
History .....	6 Hours
Sociology .....	6 Hours
Psychology .....	9 Hours
Philosophy and Theology .....	12 Hours
Science .....	6 Hours
Nursing .....	23 Hours
Public Health Sciences .....	4 Hours

Students may enter the program at the beginning of any semester 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 counselling is required for all students in the nursing program. All students are required to attend a series of orientation conferences during their first semester of enrollment in the Department of Nursing.

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

## PROGRAM

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
ENG	101	Eng. Composition I.....3	ENG	102	Eng. Composition II.....3
SOC	201	Gen. Sociology .....3	SOC	202	Social Problems .....3
HST	101	Hist. of Civilization I.....3	HST	102	Hist. of Civilization II.....3
NSG	317	Trends in Nursing .....3	NSG	340	Prin. of Teaching .....3
PSY	204	General Psychology .....3	PHL	103	Logic .....3
		Science Elective .....3			Science Elective .....3

## SUMMER SESSION

THL	106	Dogmatic Theology .....3
SPE	101	Fund. of Speech .....3

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
ENG	221	Eng. Literature .....3	THL	206	Gen. Moral Theol. ....3
*NSG	360	Maternal-Child Nurs. ....4	ENG	222	Amer. Literature .....3
*PSY	306	Child Psychology .....3	NSG	492	Principles of P.H.N. ....3
PSY	305	Mental Hygiene .....3	BIO	351	Epidemiology .....2
BIO	350	Preventive Medicine .....2	PHL	207	Phil. Psychology .....3
NSG	420	Prin. of Administration ..3	NSG	498	Senior Seminar .....3

\*The clinical nursing course and related psychology will be determined by the student's individual need or interest.

## PROGRAM X

## BACHELOR OF SCIENCE FOR PRE-MEDICAL STUDENTS

THE PROGRAM OFFERED the students of this course meets the requirements for admission to approved medical schools as determined by the Council of Medical Education for the American Medical Association.

For those students for whom it is possible, the four year course leading to the degree Bachelor of Science is recommended. In addition to the basic science requirements laid down for medical school admission, a broad and adequate study of the Humanities and Social Sciences is also recommended. A reading knowledge of one language, either German or French, is generally desired by the medical schools. One year of college work, in addition to the high school units in the same language, may be sufficient.

Recommendation of a student by his pre-medical school is usually of importance for admission to medical or dental school. Recommendation is based on more than academic standing; character and personality qualities are also weighed. The board on pre-medical recommendations is made up of the following:

CARL MICHAELIS, *Chairman*

CLETUS C. CHUDD, S.M.  
SYLVESTER EVESLAGE  
PETER J. FASO  
GERTRUDE D. SHAY

RAYMOND HIEBER  
RUSSELL A. JOLY, S.M.  
PAUL MACHOWICZ, S.M.  
ROBERT C. WIECHMAN

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 generally required by the graduate school to take this test. Applications for registration may be secured from the Pre-medical advisor. It is generally desirable for the student to take this examination the semester prior to his making application to the Medical College or Dental school.

## PREMEDICAL CURRICULUM

### *Freshman Year*

#### FIRST SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
BIO	101 Gen. Biology .....	4
CHM	123 Gen. Chemistry .....	4
ENG	101 English Composition I ....	3
MTH	121 College Algebra .....	3
MIL	101 First Year Basic .....	2
ORI	Orientation .....	0
PHE	101 Physical Education .....	1/2
THL	106 Dogm. Theol. ....	3
	or	
SPE	101 Fund. of Eff. Spe. (*) ....	3

#### SECOND SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
BIO	102 Gen. Biology .....	4
CHM	124 Gen. Chemistry .....	4
ENG	102 English Comp. II .....	3
MTH	124 College Trig. ....	2
MIL	102 First Year Basic .....	2
PHL	103 Logic .....	3

### *Sophomore Year*

#### FIRST SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
BIO	209 Comparative Anatomy ....	5
ENG	221 English Literature .....	3
GER	101 Elementary German .....	3
MIL	201 Second Year Basic .....	2
PHY	201 Gen. Physics .....	4
THL	206 Gen. Moral Theol. ....	3
	or	
	Elective (*) .....	3

#### SECOND SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
CHM	301 Quantitative Chemistry ..	4
GER	102 Elementary German .....	3
MIL	202 Second Year Basic .....	2
PHL	207 Phil. Psych. ....	3
PHY	202 Gen. Physics .....	4
PSY	204 Gen. Psychology .....	3

### *Junior Year*

#### FIRST SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
BIO	Elective .....	3
CHM	313 Organic Chemistry .....	4
ECO	203 Survey of Economics .....	3
ENG	305 Medical Terminology ....	3
THL	306 Theol. & Moral Virtues ..	3
	or	
PHL	403 Natural Theology (*) ..	3

#### SECOND SEMESTER

<i>Subjects</i>		<i>Cr. Hours</i>
BIO	Elective .....	3-4
CHM	314 Organic Chemistry .....	4
PHL	402 Gen. Metaphysics .....	3
SPE	101 Fund. of Eff. Speaking ....	3
	or	
	Elective (1) .....	3
	Elective .....	3

*Senior Year*

FIRST SEMESTER			SECOND SEMESTER		
<i>Subjects</i>		<i>Cr. Hours</i>	<i>Subjects</i>		<i>Cr. Hours</i>
BIO	407 Embryology .....	5	BIO	Elective .....	3-4
HST	251 Am. Hist. to 1865 .....	3	PHL	404 Ethics (**) .....	3
PSY	305 Mental Hygiene .....	3	PHL	306 Epistemology .....	3
THL	406 Christology & Sacra.....	3		Elective .....	3-6
	or				
PHL	404 Ethics (*) .....	3			
SOC	201 General Sociology .....	3			

(\*) For Non-Catholics.

(\*\*) For Catholics.

(1) For those who have had Speech in the Freshman year.

**OTHER PROGRAMS**

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.