

# Q.U. UNDERGRADUATE DEGREE REQUIREMENTS - BONAVENTURE PROGRAM AND MAJOR

## B.S. - BIOLOGICAL SCIENCES - (123 HRS) PRE-PHYSICAL THERAPY

CATALOG YEAR: 2018-2019

NAME \_\_\_\_\_ ID# \_\_\_\_\_

### BONAVENTURE PROGRAM

#### A. UNIVERSITY COURSES

	Grade	Credit	IP/Sem*
<b>(0-6 hours)</b>			
Diversity course (D:)** _____ ®	_____	0/3	_____
Global course (G:)** _____ ®	_____	0/3	_____

*\*\*D:/G: courses - Global course will be waived if student has spent one semester abroad.  
\*\*D:/G: courses can meet requirements both here and in other areas of the checklist (hours count once)*

#### B. WRITTEN / ORAL COMMUNICATION (9 hours)

ENG 111 - Composition _____	_____	3	_____
ENG 112 - Composition & Texts _____	_____	3	_____
COM 101 - Fundamentals of Public Speaking _____	_____	3	_____

#### WRITING-ENRICHED COURSES (≥ 2)

BIO 327, BIO 497, PED 345

#### C. PHILOSOPHY / THEOLOGY / ETHICS (12 hours)

TRS 116 - Western Religious Traditor ® _____	_____	3	_____
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*Transfer students with 24 SH may take any theology course for TRS 116*

TRS _____ - _____ ® _____	_____	3	_____
PHI _____ - _____ _____	_____	3	_____
Ethics/Franciscan Values (E:) _____ ® _____	_____	3	_____

*E: course must be at 300 level or above*

PHI 323 highly recommended

#### D. HUMANITIES / FINE ARTS (6 hours)

English Literature ≥ 200 level _____	_____	3	_____
Art, Music, Theatre, or Film _____	_____	3	_____

#### E. SOCIAL SCIENCES (9 hours)

(CRJ, ECO, HMS, POL, PSY, SOC - select from 2 areas)

_____ - _____ _____	_____	3	_____
_____ - _____ _____	_____	3	_____
HIS ____ - History _____	_____	3	_____

#### F. NATURAL SCIENCES / MATHEMATICS (4 hours)

BIO - Met by major requirements	_____	_____	_____
CHE - Met by major requirements	_____	_____	_____
MAT 242 - Calculus and Analytic Geometry I ® _____	_____	4	_____

® Required: not waived with AA/AS Degree

\*IP/Sem = In progress. Indicate semester (e.g. FA16)

#### G. BIOLOGY MAJOR COURSES

	Grade	Credit	IP/Sem*
<b>(41 hours)</b>			
BIO 150 - Principles of Biology I (FA)	_____	4	_____
BIO 151 - Principles of Biology II (SP)	_____	4	_____
BIO 232 - Microbiology (FA)	_____	3	_____
BIO 282 - Anatomy & Physiology I (FA)	_____	4	_____
BIO 283 - Anatomy & Physiology II (SP)	_____	4	_____
BIO 305 - Genetics (SP)	_____	3	_____
BIO 327 - W:Ecology (FA)	_____	3	_____
BIO 328 - Advanced Topics in Anatomy & Physiology	_____	3	_____
BIO 350 - Molecular Biology (FA)	_____	3	_____
BIO 354 - Pathophysiology	_____	3	_____
BIO 360 - Neurobiology (SP)	_____	3	_____
BIO 410 - Immunology (FA)	_____	3	_____
<b>OR</b>			
BIO 433 - Endocrinology (FA)	_____	3	_____
BIO 497 - W:Coordinating Seminar (Sr. Yr.)	_____	1	_____

*Minimum GPA of 2.0 required in all BIO courses.*

#### H. REQUIRED SUPPORT COURSES

	Grade	Credit	IP/Sem*
<b>(43 hours)</b>			
CHE 150 - General Chemistry I (FA)	_____	5	_____
CHE 151 - General Chemistry II (SP)	_____	5	_____
PED 106 - Strength Training	_____	2	_____
PED 236 - First Aid and CPR	_____	2	_____
PED 246 - Exercise Techniques	_____	3	_____
PED 301 - Sport and Exercise Nutrition	_____	3	_____
PED 344 - Kinesiology	_____	3	_____
PED 345 - W:Physiology of Exercise	_____	3	_____
PED 444 - Adapted Physical Education	_____	3	_____
PED 454 - Exercise Assessment	_____	3	_____
PHY 211 - Fundamentals of Physics I (FA)	_____	4	_____
PHY 212 - Fundamentals of Physics II (SP)	_____	4	_____
MAT 150 - Basic Statistics	_____	3	_____

*Certain courses are usually offered in one semester (FA/SP).*

*Check with the Registrar or your advisor for scheduling changes.*

#### SUMMARY:

<b>UPPER-LEVEL HOURS (300-400)</b>	<b>(40 hours)</b>
<b>(40 in the total degree program)</b>	
BIO 305 BIO 350 BIO 410/433	PED 344 PED 454
BIO 327 BIO 354 BIO 497	PED 345 PHI 3 _____
BIO 328 BIO 360 PED 301	PED 444

### UNDERGRADUATE DEGREE REQUIREMENTS

#### QUANTITATIVE AND RESIDENCY

- Complete ≥ 120 SH
- Complete ≥ 39 SH at the 300-400 course level
- Meet major requirements as set in Academic Catalog
- Complete ≥ 27 SH at 200-400 level with ≥ 21 SH at QU
- Complete ≥ 30 SH in residency with ≥ 21 SH in major institution
- Transfer students must have ≥ 56 SH at a 4-year institution

#### QUALITATIVE

### TRANSFER STUDENTS WITH A.A. OR A.S. DEGREE

All Bonventure Program courses are fulfilled with the exception of any two 3 SH TRS, a 300 level Ethics (E:) course, a Diversity (D:) course, a Global (G:) course, two

### SERVICE LEARNING REQUIREMENTS

Students must complete 30 hours of service learning, except students who have transferred 24 to 47.9 SH must complete 20 hours, or 48 or more SH must complete 10 hours.