

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

B.S. - BIOLOGICAL SCIENCES - (120 HRS)

CATALOG YEAR: 2018-2019

NAME _____ ID# _____

BONAVENTURE PROGRAM

A. UNIVERSITY COURSES	Grade	Credit	IP/Sem*
(0-6 hours)			
Diversity course (D:)** _____ ®	_____	0/3	_____
Global course (G:)** _____ ®	_____	0/3	_____
<i>**D:/G: courses - Global course will be waived if student has spent one semester abroad.</i>			
<i>**D:/G: courses can meet requirements both here and in other areas of the checklist (hours count once)</i>			

B. WRITTEN / ORAL COMMUNICATION	Grade	Credit	IP/Sem*
(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			

C. PHILOSOPHY / THEOLOGY / ETHICS	Grade	Credit	IP/Sem*
(12 hours)			
TRS 116 - Western Religious Tradition® _____	_____	3	_____
<i>Transfer students with 24 SH may take any theology course for TRS 116</i>			
TRS _____ - _____ ®	_____	3	_____
PHI _____ - _____	_____	3	_____
Ethics/Franciscan Values (E:) _____ ®	_____	3	_____
<i>E: course must be at 300 level or above</i>			
PHI 323 highly recommended			

D. HUMANITIES / FINE ARTS	Grade	Credit	IP/Sem*
(6 hours)			
English Literature ≥ 200 level _____	_____	3	_____
Art, Music, Theatre, or Film _____	_____	3	_____

E. SOCIAL SCIENCES	Grade	Credit	IP/Sem*
(9 hours)			
(CRJ, ECO, HMS, POL, PSY, SOC - select from 2 areas)			
_____ - _____	_____	3	_____
_____ - _____	_____	3	_____
HIS _____ - History _____	_____	3	_____

F. NATURAL SCIENCES / MATHEMATICS	Grade	Credit	IP/Sem*
(4 hours)			
BIO - Met by major requirements			
CHE - Met by major requirements			
MAT 242 - Calculus and Analytic Geometry I® _____	_____	4	_____

® Required: not waived with A.A./A.S. Degree
 *IP/Sem = In progress. Indicate semester (e.g. FA16)

G. BIOLOGY MAJOR COURSES	Grade	Credit	IP/Sem*
(41 hours)			
Core			
(24 hours)			
BIO 150 - Principles of Biology I (FA) _____	_____	4	_____
BIO 151 - Principles of Biology II (SP) _____	_____	4	_____
BIO 232 - Microbiology (FA) _____	_____	3	_____
BIO 305 - Genetics (SP) _____	_____	3	_____
BIO 327 - W:Ecology (FA) _____	_____	3	_____
BIO 330 - Developmental Biology _____	_____	3	_____
BIO 350 - Molecular Biology (FA) _____	_____	3	_____
BIO 497 - W:Coordinating Seminar (Sr. Yr.) _____	_____	1	_____
(17 hours)			

(200-400) Biology Electives (only 3 courses at 200 Level)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Minimum GPA of 2.0 required in all BIO courses.

H. REQUIRED SUPPORT COURSES	Grade	Credit	IP/Sem*
(31 hours)			
CHE 150 - General Chemistry I (FA) _____	_____	5	_____
CHE 151 - General Chemistry II (SP) _____	_____	5	_____
CHE 302 - Organic Chemistry I (FA) _____	_____	5	_____
CHE 303 - Organic Chemistry II (SP) _____	_____	5	_____
PHY 211 - Fundamentals of Physics I (FA) _____	_____	4	_____
PHY 212 - Fundamentals of Physics II (SP) _____	_____	4	_____
_____ - Statistics _____	_____	3	_____

I. ADDITIONAL ELECTIVES (Any discipline)	Grade	Credit	IP/Sem*
(8 hours)			
(100-400 level - up to 5 hours may be in BIO) (to total 120)			
CHE 321 - Biochemistry (Highly Rec) _____	_____	4	_____
_____	_____	_____	_____

**Certain courses are usually offered in one semester (FA/SP).
 Check with the Registrar or your advisor for scheduling changes.**

SUMMARY:			
UPPER-LEVEL HOURS (300-400)		(39 hours)	
(26 in the total degree program)			
BIO 305	BIO 350	CHE 302 (5)	
BIO 327	BIO 497 (1)	CHE 303 (5)	
BIO 330	E:3XX		+13 hours

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
- Transfer students must have ≥ 56 SH at a 4-year institution

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:)

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.