

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

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

CATALOG YEAR: 2019-2020

DATE AA / AS AWARDED _____

NAME _____ ID# _____

BONAVENTURE PROGRAM

A. UNIVERSITY COURSES

	Grade	Credit	IP/Sem*
Diversity course (D:)** _____ ®	_____	0/3	_____
Global course (G:)** _____ ®	_____	0/3	_____
BPP 410 - Bonaventure Program Portfolio	_____	0	_____

**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

C. PHILOSOPHY / THEOLOGY / ETHICS (12 hours)

TRS 116 - G: Western Religious Tradi®	_____	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	_____

E: course must be at 300 level or above

PHI 325 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 my major requirements	_____	_____	_____
CHE - Met by major requirements	_____	_____	_____
MAT 242 - Calculus and Analytic Geometry I ®	_____	4	_____

® Required: not waived with A.A./A.S. Degree

G. BIOLOGY MAJOR COURSES

	Grade	Credit	IP/Sem*
Core (43 hours)			
Core (25 hours)			
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 305 - Genetics (SP)	_____	3	_____
BIO 327 - W:Ecology (FA)	_____	3	_____
BIO 350 - Molecular Biology (FA)	_____	3	_____
BIO 497 - W:Coordinating Seminar (Sr. Yr.)	_____	1	_____
Environmental Requirements (18 hours)			
BIO 221 - Invertebrate Zoology (SP)	_____	3	_____
BIO 321 - Entomology (FA)	_____	3	_____
BIO 357 - Environmental Science I (FA)	_____	3	_____
BIO 358 - Environmental Science II (SP)	_____	3	_____
BIO 435 - Plant Field Biology (SP)	_____	3	_____
BIO 436 - Vertebrate Field Biology (SP)	_____	3	_____

Minimum GPA of 2.0 required in all BIO courses.

H. REQUIRED SUPPORT COURSES (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) (6 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)
(38 in the total degree program)	
BIO 305 BIO 358 BIO 497 (1)	
BIO 327 BIO 435 CHE 302 (5)	
BIO 350 BIO 436 CHE 303 (5)	
BIO 357 BIO 480 PHI 3_____ +1 hour	

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

QUALITATIVE

- A minimum cumulative GPA of 2.0 in all classes
- A minimum GPA of 2.0 in major and/or minor courses

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

All Bonaventure 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 writing-enriched (W:) courses, and any other major requirements.

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.