

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

B.S. - BIOCHEMISTRY & MOLECULAR BIOLOGY (120 HRS)

CATALOG YEAR: 2021-2022

DATE AA / AS AWARDED _____

NAME _____ ID# _____

BONAVENTURE PROGRAM

	Grade	Credit	IP/Sem*
A. UNIVERSITY COURSES		(0-6 hours)	
Diversity course (D:)** _____ ®	_____	0/3	_____
Global course (G:)** _____ ®	_____	0/3	_____
BPP 410 - Bonaventure Program Portfolio _____	_____	0	_____

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)			
BMB 497 _____	_____		_____

C. PHILOSOPHY / THEOLOGY / ETHICS		(9-12 hours)	
TRS 116 - Western Religious Traditor ® _____	_____	3	_____
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		(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	_____

	Grade	Credit	IP/Sem*
G. BIOCHEMISTRY AND MOLECULAR BIOLOGY		(65 hours)	
BIOLOGY CORE		(16 hours)	
BIO 150 - Principles of Biology I (FA) _____	_____	4	_____
BIO 305 - Genetics (SP) _____	_____	3	_____
BIO 405 - Advanced Genetics _____	_____	3	_____
BIO 350 - Molecular Biology (FA) _____	_____	3	_____
BIO 450 - Advanced Molecular Biology _____	_____	3	_____
CHEMISTRY CORE		(24 hours)	
CHE 150 - General Chemistry I (FA) _____	_____	5	_____
CHE 151 - General Chemistry II (SP) _____	_____	5	_____
CHE 205 - Forensic Chemistry _____	_____	4	_____
CHE 302 - Organic Chemistry I (FA) _____	_____	5	_____
CHE 303 - Organic Chemistry II (SP) _____	_____	5	_____
BIOCHEMISTRY CORE		(11 hours)	
CHE 131 - Introduction to Biochemistry _____	_____	3	_____
CHE 321 - Biochemistry _____	_____	4	_____
CHE 421 - Advanced Biochemistry _____	_____	4	_____
RESEARCH CORE		(14 hours)	
BMB 280 - Introduction to Biochemistry Research _____	_____	3	_____
BMB 281 - Sophomore Research _____	_____	2	_____
BMB 380/381 - Junior Research _____	_____	2+2	_____
BMB 480/481 - Senior Research _____	_____	2+2	_____
BMB 497 - W: Senior Seminar _____	_____	1	_____
Minimum GPA of 2.0 required in all BIO/CHE/BMB courses.			

H. REQUIRED SUPPORT COURSES		(11 hours)	
MAT 150 - Statistics _____	_____	3	_____
PHY 211 - Fundamentals of Physics I (FA) _____	_____	4	_____
PHY 212 - Fundamentals of Physics II (SP) _____	_____	4	_____

I. ADDITIONAL ELECTIVES (Any discipline)		(7 hours)	
BIO 232 - Microbiology (Highly Recommended) _____	_____	3	_____
BIO 330 - Developmental Biology (Highly Recommended) _____	_____	3	_____
CHE 401 - Physical Chemistry I (Recommended) _____	_____	4	_____
MAT 243 - Calculus II (Recommended) _____	_____	4	_____
_____ - _____ _____	_____	_____	_____

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

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

UNDERGRADUATE DEGREE REQUIREMENTS

QUANTITATIVE AND RESIDENCY

____ Complete ≥ 120 hrs

____ Complete ≥ 39 hrs at the 300-400 course level

____ Meet major requirements as set in Academic Catalog

____ Complete ≥ 27 hrs at 200-400 level with ≥ 21 hrs at QU

____ Complete ≥ 30 hrs in residency with ≥ 21 hrs in major

____ Complete ≥ 56 hrs at a 4-year institution

QUALITATIVE

____ A minimum cumulative GPA of 2.0 overall

____ A minimum GPA of 2.0 in major and relevant minor coursework

Quincy University coursework is measured by Semester Hour. Quarter Hour transfer work will be transferred in as the equivalent Semester Hour.

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

Most Bonaventure Program requirements are fulfilled except:

____ 2 Theology courses (one course may transfer in)

____ 1 300 level Ethics (E:) course

____ 1 Philosophy course if the (E:) Ethics requirement is met outside of the PHI prefix (unless a Philosophy course is transferred in)

____ 1 Diversity (D:) or Global (G:) course

____ 2 Writing-Enriched (W:) courses

SERVICE LEARNING HOUR REQUIREMENTS

Students must complete 30 hours. Transfer students who have transferred 24-47.9 hours must complete 20 hours. Those who have transferred 48 hours or more must complete 10 hours. See the QUEST Center for details.