

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

## B.S. MATHEMATICS

(120 HRS)

CATALOG YEAR: 2021-2022

DATE AA / AS AWARDED \_\_\_\_\_

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

### BONAVENTURE PROGRAM

	Grade	Credit	IP/Sem*
<b>A. UNIVERSITY COURSES (0-6 hours)</b>			
Diversity course (D:)** _____ ®		0/3	
Global course (G:)** _____ ®		0/3	
BPP 410 - Bonaventure Program Portfolio _____		0	
<b>B. WRITTEN / ORAL COMMUNICATION (9 hours)</b>			
ENG 111 - Composition _____		3	
ENG 112 - Composition & Texts _____		3	
COM 101 - Fundamentals of Public Speaking _____		3	
<b>WRITING-ENRICHED COURSES (≥ 2)</b>			
MAT 260, MAT 497			
<b>C. PHILOSOPHY / THEOLOGY / ETHICS (12 hours)</b>			
TRS 116 - G: Western Religious Tradi _____ ®		3	
TRS _____ - _____ ®		3	
PHI _____ - _____		3	
Ethics/Franciscan Values (E:) _____ ®		3	
<i>E: course must be at 300 level or above</i>			
<b>D. HUMANITIES / FINE ARTS (6 hours)</b>			
English Literature ≥ 200 level _____		3	
Art, Music, Theatre, or Film _____		3	
<b>E. SOCIAL SCIENCES (9 hours)</b>			
(CRJ, ECO, HMS, POL, PSY, SOC - select from 2 areas)			
_____ - _____		3	
_____ - _____		3	
HIS _____ - History _____		3	
<b>F. NATURAL SCIENCES / MATHEMATICS (7-8 hours)</b>			
Life Sciences (BIO 111 recommended) *		3/4	
PHY 223 or PHY 211 ®		4	
MAT Met by major requirements			

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

### G. MAJOR REQUIREMENTS

	Grade	Credit	IP/Sem*
<b>1 Required Courses (30 hours)</b>			
MAT 242 - Calculus & Analytic Geometry I _____		4	
MAT 243 - Calculus & Analytic Geometry II _____		4	
MAT 244 - Calculus & Analytic Geometry III _____		4	
MAT 260 - W:Mathematical Logic _____		3	
MAT 329 - Introduction to Linear Algebra _____		4	
& Matrix Theory			
MAT 346 - Differential Equations _____		3	
MAT 450 - Probability Theory _____		3	
MAT 485 - Introduction to Real Analysis _____		3	
MAT 497 - W:Comprehensive Seminar _____		2	

### 2 Math Electives (200-400 level) (6 hours)

(MAT 440 strongly recommended for students pursuing graduate work)

_____	_____	_____	_____
_____	_____	_____	_____

*Minimum GPA of 2.0 required in major courses.*

*No more than 1 course with a grade below a "C".*

### H. REQUIRED SUPPORT & ELECTIVES -

#### OUTSIDE MAJOR (100-400 level) (27 hours)

CSC 150 - Computer Programming I * (FA) _____		3	
CSC 160 - Computer Programming II * (SP) _____		3	

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

*\*Recommend completing within the first two years.*

### I. ADDITIONAL ELECTIVES (Any Discipline) (13-14 hours)

(Up to 6 hours may be in MAT)

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

### 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.