

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

**B.S. MATHEMATICS (120 HRS)**  
**Actuarial Science Concentration**

CATALOG YEAR: 2021-2022

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

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	_____
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)

MAT 260, MAT 497

### C. PHILOSOPHY / THEOLOGY / ETHICS (9-12 hours)

TRS 116 - G:Western Religious Tradition:®	_____	3	_____
TRS _____ - _____®	_____	3	_____
PHI _____ - _____	_____	3	_____
Ethics/Franciscan Values (E:) _____®	_____	0/3	_____

E: course must be at 300 level or above PHI 327 recommended

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

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

### E. SOCIAL SCIENCES (9 hours)

(CRJ, HMS, POL, PSY, SOC - select from 1 area)			
ECO 222 - Principles of Macro-Economics	_____	3	_____
_____ - _____	_____	3	_____
HIS _____ - History _____	_____	3	_____

### F. NATURAL SCIENCES / MATHEMATICS (7-8 hours)

Life Sciences (BIO 1XX)*	_____	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

### Required Courses

	Grade	Credit	IP/Sem
<b>(38 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 & Matrix Theory	_____	4	_____
MAT 346 - Differential Equations	_____	3	_____
MAT 350 - Numerical Analysis	_____	3	_____
MAT 450 - Probability Theory	_____	3	_____
MAT 455 - Statistics and Data Analysis	_____	3	_____
MAT 485 - Introduction to Real Analysis	_____	3	_____
MAT 315 - Actuarial Prep I	_____	1	_____
MAT 415 - Actuarial Prep II	_____	1	_____
MAT 497 - W:Comprehensive Seminar	_____	2	_____

**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)

	Grade	Credit	IP/Sem
<b>(27 hours)</b>			
ACC 121 - Principles of Financial Accounting	_____	3	_____
ACC 221 - Management Accounting	_____	3	_____
CSC 150 - Computer Programming I * (FA)	_____	3	_____
CSC 160 - Computer Programming II * (SP)	_____	3	_____
ECO 223 - Principles of Micro-Economics	_____	3	_____
ECO 225 or MAT 150 - Statistics	_____	3	_____
FIN 315 - Business Finance	_____	3	_____
MIS 305 - Intro to Management Info Sys.	_____	3	_____
MKT 331 - Principles of Marketing	_____	3	_____

\*Recommend completing within the first two years.

## I. ADDITIONAL ELECTIVES (Any Discipline) (11-15 hours)

(Up to 6 hours may be in MAT)

These courses are recommended:

COM 363 - W:Technical Comm. and Research Mthds	_____	3	_____
CSC 320 - Database Systems	_____	3	_____
FIN 420 - Financial Statements Analysis	_____	3	_____
FIN 435 - Investment Principles and Planning Strategy	_____	3	_____
FIN 436 - Portfolio Management	_____	3	_____
MGT 300 - W:Principles of Management	_____	3	_____
MGT 364- Operations Management	_____	3	_____
MKT 432- Market Research	_____	3	_____

### 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.