

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

## B.S. MATHEMATICS -TEACHER LICENSURE (128 Hours)

CATALOG YEAR: 2019-2020

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

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

### BONAVENTURE PROGRAM

	Grade	Credit	IP/Sem*
<b>A. University Courses (6 hours)</b>			
D: EDU 213 - Foundations of Edu *®	_____	3	_____
G: EDU 365 - Educ in Modern Society®	_____	3	_____
BPP 410 - Bonaventure Program Portfolio	_____	0	_____
<b>B. Written/Oral Communication (9 hours)</b>			
ENG 111 - W: Composition	_____	3	_____
ENG 112 - W: Composition & Texts	_____	3	_____
COM 101 -Fund of Public Speaking	_____	3	_____
<b>WRITING-ENRICHED COURSES</b>			
MAT 260      MAT 497      EDU325	_____	EDU 365	_____
<b>C. Philosophy/Theology/Ethics (12 hours)</b>			
TRS 116-G: Western Rel Traditions®	_____	3	_____
Transfer students with 24 credit hours may take any theology course for TRS 116			
Theology _____®	_____	3	_____
Philosophy _____	_____	3	_____
EDU421 - EW: Eth Prin in Edu ®	_____	3	_____
<b>D. Humanities/Fine Arts (6 hours)</b>			
Eng Literature - 200 level or above	_____	3	_____
Art, Music or Theatre	_____	3	_____
<b>E. Social Sciences (9 hours)</b>			
PSY100 - Intro to Psychology ®	_____	3	_____
POL 200 - American Govt ®	_____	3	_____
HIS 111/112 U.S. His I/II ®	_____	3	_____
<b>F. Natural Sciences/Mathematics (7/8 hours)</b>			
Life Sciences (BIO 111 rec) *	_____	3/4	_____
PHY223 or PHY211 is required	_____	4	_____
(PHY 223 is recommended)			
MAT -met by major requirements			

®Required: not waived with AA/AS Degree  
‡ **Must be completed with a "C-" or better.**

**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

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**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.

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**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.

	Grade	Credit	IP/Sem*
<b>G. MAJOR REQUIREMENTS ‡ (36 hours)</b>			
<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 300 - Math for Secondary Sch Teachers	_____	3	_____
MAT 329 - Intro to Linear Alg & Matrix Theory	_____	4	_____
MAT 450 - Probability Theory	_____	3	_____
MAT 485 - Intro to Real Analysis	_____	3	_____
MAT 497 - W: Comprehensive Seminar	_____	2	_____

**2 Math Electives (200-400 level) (6 hours)**  
(MAT 353 & MAT 380 strongly recommended)

_____	_____	_____	_____
_____	_____	_____	_____

	Grade	Credit	IP/Sem*
<b>H. REQUIRED SUPPORT &amp; ELECTIVES (6 hours)</b>			
CSC 150 - Computer Programming I (FA) ‡*	_____	3	_____
CSC 160 - Computer Programming II (SP) ‡*	_____	3	_____
*Recommend completing within the first two years.			

	Grade	Credit	IP/Sem*
<b>I. LICENSURE REQUIREMENTS (22 Hours)</b>			
EDU 214 - Educational Psych	_____	3	_____
EDU 240 - Media & Tech in Edu	_____	3	_____
SPE 229 - Survey of Except Stud	_____	3	_____
EDU 290 - Field Experience I	_____	1	_____
EDU 291 - Field Experience II	_____	1	_____
EDU 345 - Read in the Content Area	_____	3	_____
EDU 355 - Assessments in Edu	_____	3	_____
EDU 390 - Field Experience III	_____	1	_____
EDU 391 - Field Experience Seminar	_____	1	_____
MAT 400 - Methods of Teach Math	_____	3	_____

	Grade	Credit	IP/Sem*
<b>J. STUDENT TEACHING (14 hours)</b>			
EDU 496 - Student Teaching - Secondary	_____	6/6	_____
EDU 499 - Coordinating Seminar ‡	_____	2	_____

	Grade	Credit	IP/Sem*
<b>K. Middle School Endorsement (optional) (9 hours)</b>			
EDU 210 - Adolescent Growth & Develop	_____	3	_____
EDU 325 - W: Middle School Methods	_____	3	_____
EDU 332 - Middle School Math Methods	_____	3	_____

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

**UPPER- LEVEL HOURS (300-400) (50 hours)**

(in the total baccalaureate program)			
MAT 300	MAT 485	EDU 345	EDU 499 (2)
MAT 329 (4)	MAT 497 (2)	EDU 365	
MAT 400	EDU 312	EDU 390/391 (2)	ETHICS
MAT 450	EDU 325	EDU 496 (12)	

\*IP/Sem = In progress. Indicate semester (e.g. FA19)

