

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

## B.S. - CLINICAL LABORATORY SCIENCE (134 HRS)

CATALOG YEAR: 2020-2021

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

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

### BONAVENTURE PROGRAM

	Grade	Credit	IP/Sem*
<b>A. UNIVERSITY COURSES</b>		<b>(0-6 hours)</b>	
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)

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

TRS 116 - G: Western Religious Tradi ®	_____	3	_____
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*Transfer students with 24 SH may take any theology course for TRS 116*

TRS _____ - _____ ®	_____	3	_____
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PHI _____ - _____	_____	3	_____
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Ethics/Franciscan Values (E:) _____ ®	_____	3	_____
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*E: course must be at 300 level or above*

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	_____
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_____ - _____	_____	3	_____
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HIS _____ - History _____	_____	3	_____
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### F. NATURAL SCIENCES / MATHEMATICS (3-4 hours)

BIO - Met by major requirements	_____	_____	_____
CHE - Met by major requirements	_____	_____	_____
MAT 125 - College Algebra OR Higher	_____	3-4	_____

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

### G. LAB BIOLOGY

	Grade	Credit	IP/Sem*
<b>(25 hours)</b>			
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 283 - Anatomy & Physiology II (SP)	_____	4	_____
BIO 305 - Genetics (SP)	_____	3	_____
BIO 410 - Immunology (FA)	_____	3	_____

### H. CHEMISTRY/REQUIRED SUPPORT (34-38 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	_____
CHE 321 - Biochemistry (Rec.)	_____	4	_____
PHY 211 - Fundamentals of Physics I (FA)	_____	4	_____
PHY 212 - Fundamentals of Physics II (SP)	_____	4	_____
_____ Statistics	_____	3	_____
_____ Computer Application Course	_____	3	_____

### I. CLINICAL COURSES (min 32 hours)

*(Offered at Affiliated Hospitals)*

BIO 413 - Clinical Microbiology I	_____	4-8	_____
BIO 414 - Clinical Microbiology II	_____	1-3	_____
BIO 418 - Clinical Hematology	_____	4-8	_____
BIO 419 - Clinical Hemostasis	_____	1-2	_____
BIO 421 - Clinical Immunology	_____	2-3	_____
BIO 422 - Clinical Immunohematology	_____	3-8	_____
BIO 425 - Special Topics	_____	1	_____
BIO 426 - Clinical Management & Education	_____	1	_____
CHE 420 - Clinical Chemistry I	_____	4-6	_____
CHE 421 - Clinical Chemistry II	_____	4-6	_____

**Minimum GPA of 2.0 required in all clinical courses.**

*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) ..... (51 hours)**

**(51 in the total degree program)**

BIO 410	BIO 419	BIO 426 (1)	CHE 302 (5)
BIO 413	BIO 421	CHE 420	CHE 303 (5)
BIO 414	BIO 422	CHE 421	E:3XX
BIO 418	BIO 425 (1)		BIO 305

### 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.