

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

**B.S. CHEMISTRY - (120 HOURS)  
PRE-MEDICAL SCIENCES**

CATALOG YEAR: 2024-2025

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

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

**BONAVENTURE PROGRAM**

**A. UNIVERSITY COURSES**

	Grade	Credit	IP/Sem*
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)**

CHE 205, CHE 309

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

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

*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	
_____ - _____		3	
HIS _____ - History _____		3	

**F. NATURAL SCIENCES / MATHEMATICS**

BIO - Met by major requirements

CHE - Met by major requirements

MAT - Met by major requirements

**G. CHEMISTRY MAJOR COURSES**

	Grade	Credit	IP/Sem*
<b>(42 hours)</b>			
CHE 150 - General Chemistry I (FA)		5	
CHE 151 - General Chemistry II (SP)		5	
CHE 205 - W:Forensic/Quantitative Chemistry		4	
CHE 302 - Organic Chemistry I (FA)		5	
CHE 303 - Organic Chemistry II (SP)		5	
CHE 309 - W:Laboratory Safety		1	
CHE 311 - Organic Mechanisms & Spectroscopy		4	
CHE 321 - Biochemistry		4	
CHE 349 - Inorganic/Organometallic Chem		4	
CHE 401 - Physical Chemistry I		4	
CHE 497 - Seminar		1	

**Students need a Cumulative Major G.P.A. of 2.0 and no more than two major courses (section G) below a 'C' for degree completion**

**H. REQUIRED SUPPORT COURSES (25 hours)**

PHY 211 - Fundamentals of Physics I (FA)		4	
PHY 212 - Fundamentals of Physics II (SP)		4	

**OR**

PHY 223 - Principles of Physics I (SP)		4	
PHY 224 - Principles of Physics II (FA)		4	
BIO 150 - Principles of Biology I (FA)		4	
BIO 200-400 _____		3	
BIO 200-400 _____		3	
MAT 150 - Basic Statistics		3	
MAT 242 - Calculus and Analytic Geometry I (FA)		4	

**I. ELECTIVES - OUTSIDE MAJOR (5-15 hours)  
(100-400 level) (to total 120)**

_____			
_____			
_____			
_____			
_____			

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

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

**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.

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