

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

B.S. CHEMISTRY

(120 HRS)

CATALOG YEAR: 2019-2020

DATE AA / AS AWARDED _____

NAME _____ ID# _____

BONAVENTURE PROGRAM

	Grade	Credit	IP/Sem*
A. UNIVERSITY COURSES		(0-6 hours)	
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)	
CHE 205, CHE 309	

C. PHILOSOPHY / THEOLOGY / ETHICS	(12 hours)
TRS 116 - G: Western Religious Traditi®	_____ 3 _____
<i>Transfer students with 24 SH may take any theology course for TRS 116</i>	
TRS _____ - _____ ®	_____ 3 _____
PHI _____ - _____	_____ 3 _____
Ethics/Franciscan Values (E:) _____ ®	_____ 3 _____
<i>E: course must be at 300 level or above</i>	

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	(4 hours)
BIO 150 - Principles of Biology I	_____ 4 _____
Physical Sciences requirement met by major	
Mathematics requirement met by major	

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

	Grade	Credit	IP/Sem*
G. CHEMISTRY MAJOR COURSES		(42 hours)	
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 Chemistry	_____	4	_____
CHE 401 - Physical Chemistry I	_____	4	_____
CHE 497 - Seminar	_____	1	_____
Minimum GPA of 2.0 required in all CHE courses			

H. REQUIRED SUPPORT COURSES	(31 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 _____
MAT 150 - Basic Statistics	_____ 3 _____
MAT 242 - Calculus & Analytic Geometry I	_____ 4 _____
MAT 243 - Calculus & Analytic Geometry II	_____ 4 _____
MAT 244 - Calculus & Analytic Geometry III	_____ 4 _____

I. ELECTIVES (Any discipline)	(15 hours)
(100-400 level - up to 7 hours may be in CHE) (to total 120)	
CHE 410 - Introduction to Chemistry Research (Rec)	_____ 1-3 _____
_____	_____ _____
_____	_____ _____
_____	_____ _____
_____	_____ _____

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

SUMMARY:	
UPPER- LEVEL HOURS (300-400)	(39 hours)
(31 in the total degree program)	
CHE 302 (5)	CHE 311 (4)
CHE 303 (5)	CHE 321 (4)
CHE 309 (1)	CHE 349 (4)
CHE 401 (4)	CHE 497 (1)
Ethics 3_____	+8 hours

**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.