Q.U. UNDERGRADUATE DEGREE REQUIREMENTS - BONAVENTURE AND MAJOR

B.S. COMPUTER SCIENCE   (120 HRS)   CATALOG YEAR: 2023-2024

DATE AA / AS AWARDED _____   NAME_____ ID#_____

BONAVENTURE PROGRAM

A. UNIVERSITY COURSES

	Grade	Credit	IP/Sem*
		(0-6 hours)	
Diversity course (D:)**_____®	____	0/3	____
Global course (G:)**_____®	____	0/3	____
BPP 410 - Bonaventure Program Portfolio	____	0	____

B. WRITTEN / ORAL COMMUNICATION   (9 hours)

	Grade	Credit	IP/Sem*
ENG 111 - W: Composition	____	3	____
ENG 112 - W: Composition & Texts	____	3	____
COM 101 - Fundamentals of Public Speaking	____	3	____

WRITING-ENRICHED COURSES (≥ 2)

____ ____   ____ ____

C. PHILOSOPHY / THEOLOGY / ETHICS   (12 hours)

	Grade	Credit	
TRS 116 - G: Western Religious Tradi®	____	3	____
TRS ____ - _____®	____	3	____
PHI ____ - _____	____	3	____
Ethics/Franciscan Values (E:) _____®	____	3	____

E: course must be at 300 level or above
CSC 350 or CYB 380 recommended

D. HUMANITIES / FINE ARTS   (6 hours)

		Credit	
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)

		Credit	
PSY 100 _____	____	3	____
____ ____ - _____	____	3	____
HIS ___ - History_____	____	3	____

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

		Credit	
Life Sciences (BIO 111 rec) *	____	3/4	____
Physical Sciences (SCI 115 rec)*	____	3/4	____
MAT 125 or 4 years of HS Math	____	0-3	____

* One Science course needs a lab

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

G. MAJOR REQUIREMENTS

	Grade	Credit	IP/Sem*
		(40 hours)	
CSC 115 - Introduction to Computer Science	____	3	____
CSC 150 - Computer Programming I (FA)	____	3	____
CSC 160 - Computer Programming II (SP)	____	3	____
CSC 250 - Software Systems (FA)	____	3	____
CSC 300 - Program Design Using Data Structures (FA)	____	3	____
CSC 310 - Analysis of Algorithms (SP)	____	3	____
CSC 320 - Database Systems (SP)	____	3	____
CSC 330 - Operating Systems (SP-even)	____	3	____
CSC 340 - Computer Architecture (SP-Odd)	____	3	____
CSC 360 - Intro to Software Engineering	____	3	____
CSC 390 - Web Programming (FA)	____	3	____
CSC 410 - Computer Networks (SP)	____	3	____
CSC 495 - W: Capstone Computing Project I	____	2	____
CSC 496 - W: Capstone Computing Project II	____	2	____

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   (3 hours)

		Credit	
MAT 252* - Discrete Math (FA)	____	3	____

*Prereq: College Algebra (MAT 125) or appropriate score on Placement Test.

I. ELECTIVES **   (18-24 hours)

⊕*Must complete a minimum of 27 non CIS/CSC hours.*

		Credit	
CSC 240 Introduction to Python Programs	____	**3**	____
CSC 362 Machine Learning	____	3	____
_____	____	____	____
_____	____	____	____
_____	____	____	____
_____	____	____	____
_____	____	____	____
_____	____	____	____

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

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.

*IP/Sem = In progress. Indicate semester (e.g. FA20)

Revised 04/13/2020