

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

## B.S. COMPUTER INFORMATION SYSTEMS (120 HRS)

CATALOG YEAR: 2020-2021

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	

\*\*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)

MGT 300, ENG 382, CSC 495, CSC 496

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

TRS 116 - G: Western Religious Tradi® \_\_\_\_\_ 3 \_\_\_\_\_

*Transfer students with 24 SH may take any theology course for TRS 116*

TRS \_\_\_\_\_ - \_\_\_\_\_ ® \_\_\_\_\_ 3 \_\_\_\_\_

PHI \_\_\_\_\_ - \_\_\_\_\_ \_\_\_\_\_ 3 \_\_\_\_\_

Ethics/Franciscan Values (E:) \_\_\_\_\_ ® \_\_\_\_\_ 3 \_\_\_\_\_

*E: course must be at 300 level or above*

*CSC 350 - Computer and Information Ethics is recommended*

#### D. HUMANITIES / FINE ARTS (6 hours)

English Literature ≥ 200 level \_\_\_\_\_ 3 \_\_\_\_\_

Art, Music, Theatre, or Film \_\_\_\_\_ 3 \_\_\_\_\_

#### E. SOCIAL SCIENCES (6 hours)

(CRJ, ECO, HMS, POL, PSY, SOC - select from 2 areas)

PSY 100 Introduction to Psychology \_\_\_\_\_ 3 \_\_\_\_\_

ECO - Met by major requirements

HIS \_\_\_\_\_ - History \_\_\_\_\_ 3 \_\_\_\_\_

#### F. NATURAL SCIENCES / MATHEMATICS (10-11 hours)

Life Sciences (BIO 111 recommended) \* \_\_\_\_\_ 3/4 \_\_\_\_\_

Physical Sciences (SCI 115 recommended)\* \_\_\_\_\_ 3/4 \_\_\_\_\_

MAT 125 - College Algebra \_\_\_\_\_ 3 \_\_\_\_\_

\* One Science course needs a lab

#### G. MAJOR REQUIREMENTS (25 hours)

	Grade	Credit	IP/Sem*
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 / Data Structures (FA)		3	
CSC 320 - Database Systems		3	
CSC 410 - Analysis of Algorithms		3	
CSC 495 - W: Capstone Computing Project I		2	
CSC 496 - W: Capstone Computing Project II		2	

**A minimum of 2.0 GPA is required in major courses.**

**No more than 2 courses with grades below a "C-".**

#### H. REQUIRED SUPPORT COURSES (27 hours)

BUS 219 - Personal Finance	3
ECO 222 - Principles of Macro-Economics	3
ECO 223 - Principles of Micro-Economics	3
ECO 225 - Business Statistics (FA)	3
FIN 315 - Business Finance	3
MGT 300 - W: Principles of Management (FA)	3
MKT 331 - Prin of Marketing (SP)	3
MIS 305 - Management Info Systems	3
MAT 252 - Discrete Mathematics + (FA)	3

✦ *Pre-requisite: College Algebra (MAT 125) or appropriate score on Math Placement Test.*

#### I. ADDITIONAL ELECTIVES (25 hours)

(Up to 9 hours may be CSC or CIS courses) (to total 120)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**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) ..... (39 hours)

(27 in the total degree program)

CSC 300	CSC 495	MIS 305
CSC 310	CSC 496	MGT 300
CSC 320	FIN 315	E: 3XX +12 hours

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

<p><b>UNDERGRADUATE DEGREE REQUIREMENTS</b></p> <p><b>QUANTITATIVE AND RESIDENCY</b></p> <p>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</p> <p><b>QUALITATIVE</b></p> <p>A minimum cumulative GPA of 2.0 in all classes                  A minimum GPA of 2.0 in major and/or minor courses</p>	<p><b>TRANSFER STUDENTS WITH A.A. OR A.S. DEGREE</b></p> <p>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.</p> <p><b>SERVICE LEARNING REQUIREMENTS</b></p> <p>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.</p>
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