

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

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

CATALOG YEAR: 2019-2020

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 (9 hours)

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

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

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

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

#### F. NATURAL SCIENCES / MATHEMATICS (7-11 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 (24 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 Using 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 (33 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 124 or 125) or appropriate score on Math Placement Test.*

#### I. ADDITIONAL ELECTIVES (20 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

#### 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.