

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

B.S. - CYBERSECURITY (120 HRS)

CATALOG YEAR: 2021-2022

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	

B. WRITTEN / ORAL COMMUNICATION		(9 hours)	
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)	
TRS 116 - G: Western Religious Tradit®		3	
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)	
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			

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

G. MAJOR REQUIREMENTS @

(42-48 hours)

	Grade	Credit	IP/Sem*
CYB 102 - Cryptography (FA)		3	
CYB 201 - Applied Networks & Security (SP)		3	
CYB 240 - Fund of Computer Security (SP)		3	
CYB 301 - Fund of Information Assurance (FA)		3	
CYB/CSC 320 - Database Management (SP-even)		3	
CYB/CSC 340 - Computer Architecture (SP-odd)		3	
CYB/CSC 410 - Computer Networks (SP)		3	
CYB 420 - Comp Forensics & Incident Resp (FA)		3	
CYB 440 - Comp & Network Security I (FA)		3	
CYB 450 - Comp & Network Security II (SP)		3	
CYB 3xx - Legal, Ethical and Social Issues (FA)		3	
CYB 4xx - Capstone Project I		2	
CYB 4xx - Capstone 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

(12 hours)

CSC 150 - Computer Programming I (FA)		3	
CSC 160 - Computer Programming II (SP)		3	
CSC 250 - Software Systems (FA)		3	
MAT 252 - Discrete Math (FA)		3	

I. ELECTIVES

(to total 120)

(100-400 level)		(27-28 hours)	
CYB 101 - Codes & Ciphers (FA) (recom)		3	
_____ - _____			
_____ - _____			
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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.