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

## B.S. - CYBERSECURITY (120 HRS)

**CATALOG YEAR: 2023-2024**

DATE AA / AS AWARDED _____     NAME_____ ID#_____

---

### BONAVENTURE PROGRAM

#### A. UNIVERSITY COURSES
(0-6 hours) — Grade / Credit / IP/Sem*

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

#### B. WRITTEN / ORAL COMMUNICATION (9 hours)
| Course | 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)
| Course | Grade | Credit | IP/Sem* |
|---|---|---|---|
| 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*

#### D. HUMANITIES / FINE ARTS (6 hours)
| Course | Grade | Credit | IP/Sem* |
|---|---|---|---|
| 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)

| Course | Grade | Credit | IP/Sem* |
|---|---|---|---|
| ____ ____ - _____ | | 3 | |
| ____ ____ - _____ | | 3 | |
| HIS ___ - History_____ | | 3 | |

#### F. NATURAL SCIENCES / MATHEMATICS (4 hours)
| Course | Grade | Credit | IP/Sem* |
|---|---|---|---|
| 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 @ (40 hours)

| Course | Grade | Credit | IP/Sem* |
|---|---|---|---|
| CYB 101 - Codes & Ciphers (FA) (recom) | | 3 | |
| 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 | |

**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 (12 hours)

| Course | Grade | Credit | IP/Sem* |
|---|---|---|---|
| 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 (100-400 level) *(to total 120)* (27-28 hours)

| Course | Credit | IP/Sem* |
|---|---|---|
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |
| ____ ____ - _____ | | |

---

### 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.