

UNDERGRADUATE PROGRAM  
ACADEMIC PLANNING: **Cybersecurity** – 4 YEAR PLAN

| Fall 12-18 credit hours (placements if needed)  | Spring 12-18 credit hours (placements if needed)        |
|---|---|
| CSCI 102 Introduction to Computer Systems       | CSCI 110 Introduction to Operating Systems              |
| CSCI 105 Introduction to Programming I          | CSCI 106 Introduction to Programming II                 |
| ICON  | PSYC 121 General Psychology                             |
| Public Communication                            | MATH 271 Cryptology                                     |
| Composition & Rhetoric                          | Rhetoric and Research                                   |
|   |   |
| <b>15 semester credit hours</b>                 | <b>15 semester credit hours (30 credit hours total)</b> |
| <b>Fall 12-18 credit hours</b>                  | <b>Spring 12-18 credit hours</b>                        |
| MATH 223 Calculus 1                             | MATH 224 Calculus 2                                     |
| CSCI 210 Networking / TCPIP 1                   | CSCI 301 Computer Forensics                             |
| CSCI 201 Criminal Evidence                      | CSCI 350 Security and Risk Assessment                   |
| Franciscan Tradition                            | Health and Wellness                                     |
| Elective  | Elective  |
|   |   |
| <b>15 credit hours (45 credit hours total)</b>  | <b>15 credit hours (60 credit hours total)</b>          |
| <b>Fall 12-18 credit hours</b>                  | <b>Spring 12-18 credit hours</b>                        |
| CSCI 360 Data Structures and Databases          | CSCI 395 Ethical Hacking                                |
| CSCI 440 Cyber Defense I                        | CSCI 441 Cyber Defense II                               |
| SCIE 257 Physics I                              | SCIE 258 Physics II                                     |
| Creative Arts                                   | MATH 345 Discrete Math                                  |
| History   | Literature  |
|   |   |
| <b>15 credit hours (75 credit hours total)</b>  | <b>15 credit hours (90 credit hours total)</b>          |
| <b>Fall 12-18 credit hours</b>                  | <b>Spring 12-18 credit hours</b>                        |
| CSCI 480 Capstone                               | CSCI 490 Internship                                     |
| CSCI 495 Certification Prep                     | MATH 302 Statistics                                     |
| COMM 450 Mass Media and Multi Media Law         | Theology  |
| Care for Creation                               | Elective  |
| Philosophy                                      | Elective  |
|   |   |
| <b>15 credit hours (105 credit hours total)</b> | <b>15 credit hours (120 credit hours total)</b>         |

*San Damiano General Education (GE) courses are offered within distributions and are approved by the university's Curriculum Council. Please see your Academic advisor for additional information.*

*Please note: This schedule is subject to change based on course offerings and curriculum developments that may occur throughout the 2017-2018 academic year.*

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| <b>Fall 12-18 credit hours</b>                  | <b>Spring 12-18 credit hours</b>                        |
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|   |   |
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|   |   |
| <b>16 credit hours (105 credit hours total)</b> | <b>15 credit hours (120 credit hours total)</b>         |

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