**Computer Science – Networks Concentration**2019-2021 Undergraduate Catalog

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| **Semester 1 - Fall** | | | | |
|  | Credits | Major | Other | GEP |
| COSC 101 – Discipline of Comp Sci | 3 | TF |  |  |
| ENGL 101 – First-Year Composition | 3 |  |  | CS1 |
| IDIS 150 – First-Year FSU Colloquia | 3 |  |  | E |
| MATH 236 – Calculus I | 4 | X |  | CS3 |
| ORIE 101 – Intro. to Higher Education | 1 |  | X |  |
| GEP Humanities | 3 |  |  | B |
| **Semester Total** | 17 |  | | |

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| **Semester 3 - Fall** | | | | |
|  | Credits | Major | Other | GEP |
| BIOL 149 or CHEM 201 or  GEOG 103 or PHYS 261 | 4 | X |  | C |
| CMST 102 – Human Communication | 3 | X |  |  |
| COSC 241 – Computer Science II | 4 | X |  |  |
| GEP Fine & Performing Arts | 3 |  |  | A |
| GEP Humanities | 3 |  |  | B |
| **Semester Total** | 17 |  | | |

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| **Semester 5 - Fall** | | | | |
| \*Fall Only | Credits | Major | Other | GEP |
| COSC 325 – Software Engineering | 3 | X |  |  |
| COSC 335\* - Advanced Topics | 3 |  |  |  |
| ENGL 338 – Technical Writing | 3 | X |  | CS2 |
| Science Elective (1 of 1) | 4 | X |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Semester Total** | 13 |  | | |

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| **Semester 7 - Fall** | | | | |
| 1Course is offered variably | Credits | Major | Other | GEP |
| COSC 4311 – Secure Computing | 3 | X |  |  |
| COSC 460 – Operating Systems | 3 | X |  |  |
| Computer Science Elective (2 of 3) | 3 | X |  |  |
| MATH Elective (1 of 1) | 3 | X |  |  |
| General Elective | 1 |  | X |  |
|  |  |  |  |  |
| **Semester Total** | 13 |  | | |

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| **Semester 2 - Spring** | | | | |
|  | Credits | Major | Other | GEP |
| COSC 102 – Foundations of Comp Sci | 4 | X |  |  |
| COSC 240 – Computer Science I | 4 | X |  |  |
| MATH 237 – Calculus II | 4 | X |  |  |
| GEP Social Science | 3 |  |  | D |
|  |  |  |  |  |
|  |  |  |  |  |
| **Semester Total** | 15 |  | | |

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| **Semester 4 - Spring** | | | | |
| \*\*Spring Only | Credits | Major | Other | GEP |
| BIOL 149 or CHEM 201 or  GEOG 103 or PHYS 261 | 4 | X |  | C |
| COSC 331 – Fundamentals Networking | 3 | X |  |  |
| COSC 365 – Digital Logic | 4 | X |  |  |
| MATH 109 or MATH 380\*\* | 3 | X |  |  |
| GEP Social Science | 3 |  |  | D |
| **Semester Total** | 17 |  | | |

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| **Semester 6 - Spring** | | | | |
| 1Course is offered variably | Credits | Major | Other | GEP |
| COSC 3451 – Internet & Multimedia | 3 | X |  |  |
| COSC 4351 – Implementation & Testing | 3 | X |  |  |
| GEP FSU Colloquia II | 3 |  |  | E |
| GEP Identity & Difference | 3 |  |  | F |
| Computer Science Elective (1 of 3) | 3 | X |  |  |
|  |  |  |  |  |
| **Semester Total** | 15 |  | | |

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| **Semester 8 - Spring** | | | | |
| \*\*Spring Only | Credits | Major | Other | GEP |
| COSC 444\*\* - Parallel Computing | 3 | X |  |  |
| COSC 489 – Capstone | 1 | X |  |  |
| Computer Science Elective (3 of 3) | 3 | X |  |  |
| General Elective | 3 |  | X |  |
| General Elective | 3 |  | X |  |
|  |  |  |  |  |
| **Semester Total** | 13 |  | | |

**Updated by/date:** Dr. Brad Rinard, Computer Science, 5/17/19 **Total Credits:** 120