

Computer Science (PhD)

Program: Computer Science

Type: PhD

Core Course Credits Required

| Item # | Title | Credits |
|----------|---------------------------------|-----------|
| CSCI-570 | Advanced Algorithms | 3 |
| CSCI-551 | Advanced Software Engineering I | 3 |
| CSCI-510 | Computer Architecture | 3 |
| CSCI-572 | Computability and Complexity | 3 |
| CSCI-680 | Advanced Operating Systems | 3 |
| CSCI-500 | Socially Relevant Computing | 2 |
| CSCI-600 | Research Methods | 1 |
| | Sub-Total Credits | 18 |

Elective Course Credit Requirement

*Note: 42 hours should be taken from the electives in the group(s) listed below in consultation with your graduate advisor.

| Item # | Title | Credits |
|--------|---|-----------|
| | Software Engineering Elective Group | |
| | Cybersecurity Elective Group | |
| | Machine Learning/Artificial Intelligence Elective Group | |
| | Computer Networks Elective Group | |
| | Computing Systems Elective Group | |
| | Computational Systems Elective Group | |
| | Sub-Total Credits | 42 |

Dissertation

*Note: A maximum of 12 dissertation credits may be taken per semester. In addition, a maximum of 12 dissertation credits may be counted toward the 72 required for program completion.

| Item # | Title | Credits |
|----------|--------------------------|-----------|
| CSCI-799 | Dissertation | 12 |
| | Sub-Total Credits | 12 |
| | Total credits: | 72 |