

Computer Science and Software Engineering — MS

The master of science may be earned under a thesis or non-thesis option. The MS (non-thesis) degree requires a minimum of 33 graduate semester credit hours. All courses in the degree must be taken for a grade. The three required 7000-level courses are COMP7270, COMP7300, and COMP7500. Students may take up to three (3) credit hours of COMP7930 Directed Study. Students may take three (3) credit hours of COMP7980 Master of Science Capstone Engineering Project, which is a graded course.

| Code | Title | Hours |
|-------------------------------------|--------------------------------------|-----------|
| COMP 7270 | Advanced Topics in Algorithms | 3 |
| COMP 7300 | Advanced Computer Architecture | 3 |
| COMP 7500 | Advanced Topics in Operating Systems | 3 |
| Select 18 Credits in COMP 6000-8999 | | 18 |
| Select 6 Credits in @ 6000-8999 | | 6 |
| Total | | 33 |

The Master of Science degree (thesis option) requires a minimum of 30 graduate semester credit hours. All courses in the degree must be taken for a grade; the exception is COMP7990 Research and Thesis, which is offered in incomplete/complete format. The three required 7000-level courses are COMP7270, COMP7300, and COMP7500. Students may take up to three (3) credit hours of COMP7930 Directed Study. A thesis is required for the MS-CSSE degree (i.e., thesis option). A written proposal supporting thesis project must be approved by a student's supervisory committee, which is comprised of at least three faculty members. One member of the committee is designated as the major professor (a.k.a., advisor). Students must pass a comprehensive oral examination at the conclusion of their studies. All students with thesis option are required to submit Master's Final Examination Form to the graduate school.

| Code | Title | Hours |
|------------------------------------|--------------------------------------|-----------|
| COMP 7270 | Advanced Topics in Algorithms | 3 |
| COMP 7300 | Advanced Computer Architecture | 3 |
| COMP 7500 | Advanced Topics in Operating Systems | 3 |
| COMP 7990 | Research and Thesis | 6 |
| Select 9 Credits in COMP 6000-8999 | | 9 |
| Select 6 Credits in @ 6000-8999 | | 6 |
| Total | | 30 |