

# COMPUTER SCIENCE, M.S.

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## Degree Requirements (30 Hours)

The Master of Science in Computer Science (MSCS) degree requires 30 credit hours beyond the BS. Students in the MSCS program may elect either the thesis or the non-thesis option. The course work must include:

### Core (10 hours)

Course	Title	Credits
CSCE 513	Computer Architecture	3
CSCE 531	Compiler Construction	3
CSCE 750	Analysis of Algorithms	3
CSCE 791	Seminar in Advances in Computing	1
<b>Total Credit Hours</b>		<b>10</b>

### Electives (20 hours)

A maximum of six hours in non-CSCE courses and at most three hours of CSCE 798 may be applied toward the degree. CSCE 797 may not be applied toward the degree.

Course	Title	Credits
CSCE 799	Thesis Preparation	1-12
<b>Total Credit Hours</b>		<b>1-12</b>

### Thesis Option

Students who choose the thesis option may substitute 6 hours of thesis preparation (CSCE 799) for electives. In addition, students must complete at least 12 hours in CSCE courses numbered 700 and above, and defend the thesis in a public presentation.

### Non-Thesis Option

Students who choose the non-thesis option must complete at least 15 hours in CSCE courses numbered 700 and above, and pass a written comprehensive examination offered at the end of Fall and Spring semesters.