

M.S. in Software Engineering

Daytona Beach Program Requirements

Core Requirements	18
Option	12
Total Credits	30

Core Requirements

CPSC 532	Software Security Assessment	3
SFTW 510	Software Project Management	3
SFTW 525	Software Quality Engineering and Assurance	3
SFTW 530	Software Requirements Engineering	3
SFTW 610	Software Systems Architecture and Design	3
SFTW 650	Current Trends in Software Engineering	3
Total Credits		18

Option I: Capstone

SFTW 690	Graduate Research Project	3
or SFTW 692	Software Engineering Practicum	
Electives (500-600 level)		9
Electives are any 500-600 level course in CESC, CPSC, SFTW, SYSE, or with approval from Program Coordinator courses from DSCI or HFCT.		
Total Credits		12

Option II: Thesis

SFTW 700	Graduate Thesis	6
Electives (500-600 level)		6
Electives are any 500-600 level course in CESC, CPSC, SFTW, SYSE, or with approval from Program Coordinator courses from DSCI or HFCT.		
Total Credits		12

Suggested Plan of Study

Option I: Capstone

Year One

Requirements	Credits
SFTW 530 - Software Requirements Engineering	3
CPSC 532 - Software Security Assessment	3
Semester Hours	6

Requirements	Credits
SFTW 525 - Software Quality Engineering and Assurance	3
SFTW 510 - Software Project Management	3
Elective*	3
Semester Hours	9

Total Credits

Total Hours for All Requirements: 15

Year Two

Requirements	Credits
SFTW 610 - Software Systems Architecture and Design	3
Elective*	3
Elective*	3
Semester Hours	9

Requirements	Credits
SFTW 650 - Current Trends in Software Engineering	3
SFTW 690 - Graduate Research Project or 692 - Software Engineering Practicum	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 15

* Electives: Any course in CESC, CPSC, SFTW, SYSE, or with approval from Program Coordinator courses from DSCI or HFCT.

Option II: Thesis

Year One

Requirements	Credits
SFTW 530 - Software Requirements Engineering	3
CPSC 532 - Software Security Assessment	3
Semester Hours	6

Requirements	Credits
SFTW 525 - Software Quality Engineering and Assurance	3
SFTW 510 - Software Project Management	3
Elective*	3
Semester Hours	9

Total Credits

Total Hours for All Requirements: 15

Year Two

Requirements	Credits
SFTW 610 - Software Systems Architecture and Design	3
Elective*	3
SFTW 700 - Graduate Thesis	3
Semester Hours	9

Requirements	Credits
SFTW 650 - Current Trends in Software Engineering	3
SFTW 700 - Graduate Thesis	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 15

* Electives: Any course in CESC, CPSC, SFTW, SYSE, or with approval from Program Coordinator courses from DSCI or HFCT.