

B.S. Software Engineering

Program Admissions Requirements

There are no program admission requirements for the degree and major.

General Education

The listing below includes program requirements that also fulfill General Education requirements.

Code	Title	Credits
Objective 1		6
Objective 2		3
Objective 3- MATH 1143, MATH 1144, or MATH 1147		4
Objective 4		6
Objective 5		7
Objective 6		6
Students must fulfill Objective 7 or Objective 8		3
Objective 7 - CS 1181		
Objective 8		
Objective 9		3
Total Credits		38

Major Requirements

All required courses for the BS in Software Engineering major must be completed with a grade of C- or higher.

Code	Title	Credits
Technical Communication Requirements:		
ENGL 3307	Professional and Technical Writing	3
or ENGL 3308	Business Communications	
Required Business Courses:		
MGT 2261	Legal Environment of Organizations	3
MGT 4482	Project Management	3
Required Computer Science and Related Courses:		
CS 1181	Computer Science and Programming I (Satisfies General Education Objective 7)	3
CS 1337	Computer Organization and Architecture	3
CS 2235	Data Structures and Algorithms	3
CS 3309	Advanced Object-Oriented Programming	3
CS 3310	Databases	3
CS 3311	Secure Client Server Web Development	3
CS 3318	Secure Mobile Application Development	3
CS 3321	Introduction to Software Engineering	3
CS 4416	Foundations in Cybersecurity and Resilience	3
Take 2 of any CS 44xx (ECE 44xx, ACCT 2201, ACCT 2202, MGT 3312, MGT 3329, MGT 4434)		6
Total Credits		42

Degree/Program Totals

Code	Title	Credits
	Program Admission Requirements	0
	General Education	38
	Major Requirements (w/o General Education)	39
	Upper Division Free Electives	6
	Free Electives	37
Total Credits		120