

B.S. in Software Engineering		
MAJOR REQUIREMENTS/SOFTWARE ENGINEERING: 39 Credits		Credits
	SE120: Foundations of Software Engineering	3.0
	SE104: Introduction to Software Engineering	3.0
	SE205: Requirements Engineering and Specifications	3.0
	SE207: Software Design and Architecture	3.0
	SE306: Formal Methods in Software Engineering	3.0
	SE312: Software Verification	3.0
	SE402: Human-Computer Interaction	3.0
	SE403: Software Process Improvement	3.0
	SE418: Software Project Management	3.0
	SE485A-B: Software Practicum	6.0
	SExxx: Electives	6.0
REQUIREMENTS OUTSIDE OF MAJOR: 52 Credits		
	BM311: Management of Information Systems	3.0
	CS175: Introduction to Computer Science I	4.0
	CS176: Introduction to Computer Science II	4.0
	CS286: Computer Architecture I	3.0
	CS305: Computer Algorithms I	4.0
	CS438: Operating Systems Analysis	4.0
	MA130: Applied Discrete Mathematics	3.0
	MA125: Calculus with Analytic Geometry I	4.0
	MA126: Calculus with Analytic Geometry II	4.0
	MA319: Probability and Statistics I	3.0
	PH211: General Physics with Calculus I	4.0
	PH211L: General Physics with Calculus I Lab	1.0
	PH212: General Physics with Calculus II	4.0
	PH212L: General Physics with Calculus II Lab	1.0
Math/Science Electives	Choose 6 credits from among: MA211; MA221; MA225; MA320; PH301; PH302; CE111 and CE111L; CE112 and CE112L; BY110; BY120; BY203; BY204; BY213; or BY214	3.0 3.0

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GENERAL EDUCATION REQUIREMENTS: 42 Credits		Credits
English	EN101: College English I	3.0
	EN102: College English II	3.0
Literature	EN201: Literature I	3.0
	EN202: Literature II	3.0
History	HS101: Western Civilization In World Perspective I	3.0
	HS102: Western Civilization In World Perspective II	3.0
Information Technology	CS102: Scientific Computer Applications	3.0
Critical Discourse	HU201: Critical Discourse	3.0
Science	Fulfilled in Requirements Outside Major	0.0
Mathematics	Fulfilled in Requirements Outside Major	0.0
Social Science Waiver	BE201: Microeconomics	3.0
	BM250: Principles of Management and Org. Behavior	3.0
Aesthetics	AR101: Art Appreciation	3.0
	or MU101: Music Appreciation	
	or TH101: Theater Appreciation	
	or DA101: Dance Appreciation	
Cross Cultural	Two courses chosen from the set of approved courses	3.0
	or 6 credits in the same foreign language	3.0
Perspectives	PR432: Ethics & Professionalism in Science & Engineering	3.0
Experiential Education	EX001	0.0
Demonstration of Writing Proficiency	WP001	0.0
Writing Intensive Requirement	Two courses as specified by the department in which the major is housed.	0.0
		0.0
TOTAL CREDITS FOR B.S. IN SOFTWARE ENGINEERING = 133.0		

NOTES:

* 58 credits must be completed at the 200 level or higher.