

# Software Engineering, B.S.

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## Plan of Study - 4 Year Plan \*

Freshman		
Fall	Credits Spring	Credits
MATH 165	4 PHYS 221	5
ENGL 150	3 COM S 227	4
S E 185	3 Economic Elective	3
S E 101	0 MATH 166	4
LIB 160	1 S E 166	0
CHEM 167 or 177	4	
	<b>15</b>	<b>16</b>
Sophomore		
Fall	Credits Spring	Credits
MATH 267	4 COM S 363 <sup>1</sup>	3
CPR E 281 <sup>1</sup>	4 COM S 327 <sup>2</sup> or CPR E 288 <sup>2,3</sup>	3
ENGL 250	3 Math Elective	3
Supplementary Electives	3 General Education Elective	3
COM S 228	3	
	<b>17</b>	<b>12</b>
Junior		
Fall	Credits Spring	Credits
S E 319 <sup>1</sup>	3 S E 329 <sup>1</sup>	3
COM S 330 or CPR E 310 <sup>1</sup>	3 S E 339	3
COM S 309 <sup>1</sup>	3 COM S 352 <sup>2</sup> or CPR E 308 <sup>2,3</sup>	3
COM S 321 or CPR E 381 <sup>2,3</sup>	3 ENGL 314	3
General Education Elective	3 SP CM 212	3
	COM S 311 <sup>1</sup>	3
	<b>15</b>	<b>18</b>
Senior		
Fall	Credits Spring	Credits
S E 494	0 S E 492	2
S E 491	3 Supplementary Electives	6
STAT 330	3 Software Engineering Electives	3
Technical Elective	3 General Education Elective	3
General Education Elective	3 Open Elective	3
Software Engineering Elective	3	
	<b>15</b>	<b>17</b>
<b>Total Credits: 125</b>		

\* Total credits required - 125 credits  
 Basic Program - A minimum GPA of 2.00 is required for this set of courses, including any transfer courses.  
 Must receive a C or better grade in required English classes.  
 General Educational Elective courses to be selected in consultation with SE advisers from a list of approved courses. They must include courses that satisfy university and college general education requirements. These courses include courses or categories of courses such as international perspectives and U.S. diversity, language, arts and humanities, and social sciences. Pass/Not Pass credit is not accepted.  
 Software Engineering Electives, Technical Electives, and Supplementary Electives must be selected from the program-approved list (<https://www.se.iastate.edu/academics/resources>).

<sup>1</sup> Core Professional Curriculum (A minimum GPA of 2.00 is required for this set of courses, including any transfer courses)

<sup>2</sup> Software Engineering students must have completed CPR E 281 and have obtained C or better in COM S 327 to enroll in COM S 321

<sup>3</sup> Students who take the 4-credit lab courses CPR E 288, CPR E 308, and CPR E 381 instead of the corresponding 3-credit alternatives can apply the additional credits towards Supplementary Electives. The total number of credits required in Software Engineering Program remains the same for all students.