IOWA STATE UNIVERSITY
Software Engineering

2019-2020 Four Year Plan
Total credits required: 125

Freshman Year						
Semester 1	15 cr	Sem taken	*Semester 2*	16 cr	Sem taken	
MATH 165 *	4 cr		MATH 166 *	4 cr		
CHEM 167 (or) 177	4 cr		PHYS 221	5 cr		
SE 101	R cr		COM S 227 *	4 cr		
SE 185	3 cr		ECON 101 or 102 or I E 305	3 cr		
LIB 160	1 cr		SE 166	R cr		
ENGL 150 ^	3 cr					

Sophomore Year						
Semester 3	17 cr	Sem taken	*Semester 4*	12/13 cr	Sem taken	
MATH 267	4 cr		SE 319	3 cr		
SP CM 212	3 cr		CPR E 288 (or) COM S 327	4/3 cr		
COM S 228 *	3 cr		MATH 207 or 265 or 304 or 314 or 317	3 cr		
CPR E 281	4 cr		Gen Ed: _____	3 cr		
ENGL 250 ^	3 cr		(Arts & Hum)			

Junior Year						
Semester 5	15/16 cr	Sem taken	*Semester 6*	18/19 cr	Sem taken	
COM S 309	3 cr		SE 329	3 cr		
COM S 363	3 cr		SE 339	3 cr		
CPR E 310 (or) COM S 230	3 cr		COM S 311	3 cr		
CPR E 381 (or) COM S 321	4/3 cr		CPR E 308 (or) COM S 352	4/3 cr		
Gen Ed: _____	3 cr		ENGL 314 (or) 309 ^	3 cr		
(Arts & Hum)			Open elec. _____	3 cr		

Senior Year						
Semester 7	15 cr	Sem taken	*Semester 8*	17 cr	Sem taken	
SE 421	3 cr		SE 492	2 cr		
SE 491	3 cr		SPPLM elec. _____	3 cr		
SE 494	R cr		SPPLM elec. _____	3 cr		
STAT 330	3 cr		SPPLM elec. _____	3 cr		
SE elec. _____	3 cr		SE elec. _____	3 cr		
Gen Ed: _____	3 cr		Gen Ed: _____	3 cr		
(Social Sciences)			(Arts & Hum or Social Sciences)			

* Must receive a C- or better grade. | Red = Engineering Basic Program

^ Must receive a C or better grade. | Blue = Software Engineering Core Curriculum

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1. This four-year plan and the flowchart are only a guide. For more detailed information, including prerequisites and co-requisites see the ISU catalog: http://catalog.iastate.edu/. Course and term offerings subject to change.

2. The College of Engineering requires two years of a single world language in high school or two semesters of college in a single world language.

3. Iowa State undergraduate students must fulfill graduation requirements in two areas: U.S. Diversity and International Perspectives. Both require three credits of course work.

4. Engineering Basic Program - A minimum GPA of 2.00 is required for this set of courses, including any transfer courses but transfer course grades will not be calculated into the Engineering Basic Program GPA.

5. Software Engineering Core Curriculum - A minimum GPA of 2.00 is required for this set of courses, including any transfer courses but transfer course grades will not be calculated into the Software Engineering Core Curriculum GPA.

6. Lab and lecture must be passed in the same semester to receive credit for Computer Engineering courses.

7. Students who take the four credit lab courses CPR E 288, 308 and 381 are required to take six credits of Supplementary Elective courses. Excess credits from CPR E 288, 308 and 381 may be applied to meet Supplementary Elective credit requirement.

8. Check the Software Engineering, Technical and Supplementary Electives list at http://www.se.iastate.edu/academics.

9. Check the General Education Requirements at http://www.se.iastate.edu/academics.

10. For general information about the Software Engineering Program check out our website at http://www.se.iastate.edu/.