## IOWA STATE UNIVERSITY

## **Software Engineering**

## 2016-2017 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		18/19 cr	Sem taken
COM S 309	3 cr		SE 339	3 cr	
COM S 363	3 cr		SE 329	3 cr	
CPR E 310 (or) COM S 230	3 cr		COM S 311	3 cr	
(31)	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 491	3 cr		SE 492	2 cr	
SE 494	R cr		SPPLM elec	3 cr	
STAT 330 (or) 305	3 cr		SPPLM elec	3 cr	
SE elec.	_ 3 cr		SPPLM elec	3 cr	
Tech 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. | Purple = Engineering Basic Program
- ^ Must receive a C or better grade. | Blue = Software Engineering Core Curriculum
- This four-year plan and the flowchart are only a guide. For more detailed information, including
  prerequisites and co-requisites see the ISU catalog: <a href="http://catalog.iastate.edu/">http://catalog.iastate.edu/</a>. 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 <a href="http://www.se.iastate.edu/academics">http://www.se.iastate.edu/academics</a>.
- 9. Check the General Education Requirements at <a href="http://www.se.iastate.edu/academics">http://www.se.iastate.edu/academics</a>.
- 10. For general information about the Software Engineering Program check out our website at <a href="http://www.se.iastate.edu/">http://www.se.iastate.edu/</a>.