SOFTWARE ENGINEERING FLOWCHART, 2014-2015 CATALOG (125 credits) F/S [F/S -IF/S F/S F/S CHEM 167 CprE MATH LIB 160 ENGL 150 SE 101 185 or 177 Crit Think & 165 Lib Orientation Instruction | Engr Chem SE Prob I Com. Calc 1 I_{R cr} 1 cr 1_{3 cr} 14 cr 4cr 13 cr C- or bette C or better 2 F/S F/S F/S **ECON** MATH PHYS COM S SE 166 166 Elective 221 227 Prof Program Calc 2 Class Phys 1 3 cr Intro Program 14 cr 1_{5cr} C- or better C- or bette Soph Class 3 F/S I_{F/S} F/S MATH CPR E COM S SP CM ENGL 267 228 212 281 250 Diff Eq/Lap Data Struct Digital Logic Elect Comp Pub Speak 3cr 4cr 3 cr 4cr | 3 cr C- or better C or better 4 **CPR E 288** F/S **GEN ED** Emb. Sys I - 4 cr MATH COM S Elective (or) Elective 363 3 cr COM S 229 3 cr DBMS Arts & Hum Adv Prog - 3 cr 3cr Choose only one course 5 **CPR E 381** F/S **CPR E 310** GEN ED COM S Fnd Cpr Engr - 3 cr Computer Org SE 319 Elective 309 4 cr (or) Soft Con 3 cr (or) Soft Dev **COM S 330** 3cr Arts & Hum 3 cr COM S 321 Discrete Comp - 3 cr Choose only one course Computer Arch 3 cr 6 Choose only one course Junior Class F/S F/S F/S F/S Open COM S SE 329 **ENGL 314 CPR E 308** SE 339 Elective 311 Soft Proi or 309 Oper Sys - 4 cr Soft Arch Man Algor Anlys 3 cr (or) Tech Comm 3 cr 3 cr COM S 352 C- or better Oper Sys - 3 cr Choose only one course 29 core cr 7 GEN ED F/S F/S F/S TECH SE ISTAT Elective SE 491 SE 494 Elective Elective 330 3 cr Sr Design 1 Portfolio Social 3 cr Prob & Stat 3 cr 3 cr R cr 3 cr 8 GEN ED F/S SE **SPPLM** SPPLM SUPPLM Elective SE 492 Elective Elective Elective Elective 3 cr Sr Design 2 Arts & Hum 3 cr 3 cr 3 cr 3 cr 3 cr (or) Social Sciences

LEGEND

Co-Requisite Course

Pre-Requistie Course

- 1. This flowchart is only a guide. For more detailed information, including prerequisites and co-requisites, see the ISU catalog.
- 2. Check with your Academic Advisor for information on electives.
- 3. Course and term offerings subject to change.
- Lab and lecture must be passed in the same semester to receive credit for CprE courses.
- 5. Students who take the 4-credit lab courses CprE 288, 308 or 381 are required to take 6 credits of Supplementary Elective courses. Excess credits from CprE 288, CprE 381 and/or CprE 308 may be applied to meet Supplementary Elective credit requirement.