### B.S. in SOFTWARE ENGINEERING

#### Suggested 4-Year Academic Flowchart

**FRESHMAN**

- **FALL**: Introduction to Computing (CPE/CSC 123 (4))
  - Basic computer literacy

- **WINTER**: Fundamentals of Computer Science (CSC/CPE 101 (4))

- **SPRING**: General Psychology (PSY 201/202 (4))

**SOPHOMORE**

- **FALL**: Calculus I (MATH 142 (4))
  - (MATH 141 w/min C-)

- **WINTER**: Calculus II (MATH 143 (4))
  - (MATH 142 w/min C-)

- **SPRING**: General Psychology (PSY 201/202 (4))

**JUNIOR**

- **WINTER**: Software Engineering I (CSC 308 (4))
  - (CSC 141 or CSC 348; and CPE/CSC 357)

- **SPRING**: Technical Writing for Engineers (ENGL 149 (4))
  - (Completion of GE A1 with a C- or better, Recommended: Completion of GE A2)

**SENIOR**

- **WINTER**: Senior Project I (CSC 491 (2))
  - (CSC 307 or 309; Instr. consent)

- **SPRING**: Senior Project II (CSC 492 (2))
  - (CSC 491, Instr. consent)

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**FALL 2nd Yr: CEA Madrid, Spain**

- PHYS 133, MATH 244, Tech Electives; GE C1 or C2

**SPRING 3rd Yr: Munich, Germany**

- Tech electives

**SUMMER 3rd Yr: Munich, Germany**

- GE C1 or C2 and Tech electives (4 units)

*see IEP advisor for other possible course options*