Math

- MATH 19A Calculus
- MATH 19B Calculus
- AMS 20A or 20* Engr. Math Methods II
- MATH 24* Differential Equations
- CMPE 16 Discrete Math

*Requires one additional mathematics course as a pre-requisite.

Core Courses

- CMPE 13/L* Computer Systems & C Programming
  OR
- CMPS 12A/L Intro to Programming
  OR
- CMPS 5J & 11 Programming in Java
- CMPE 12/L Computer Systems & Assembly Language
- CMPE 100/L Logic Design
- EE 101/L Electronics
- CMPE 110 Computer Architecture
- CMPE 118/L Intro to Mechatronics
  OR
- CMPE 121/L Micro Systems

Science

- PHYS 5A/L or 6A/L Mechanics
- PHYS 5C/N or 6C/N Electricity & Magnetism

The computer engineering minor provides a solid foundation in digital hardware, electronics, and computer software, as well as the prerequisite material in mathematics and physics. The minor is well-suited to students who wish to take part in the design of computer and embedded systems in any discipline. Computer Engineering 118/L, Introduction to Mechatronics and Laboratory or Computer Engineering 121/L, Microprocessor System Design and Laboratory provides a capstone engineering design experience for students pursuing the computer engineering minor.
Computer Engineering Minor
2015-2016 Curriculum Chart

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Student Name: 
Staff Advisor: 
Faculty Advisor: