

Computer Engineering

General Education – 39 credits

Physics - 20 credits

- PHY205/123 - Physics I
- PHY206/125 - Physics II
- PHY311 - Quantum I
- PHY325 - Semiconductor Devices
- PHY355 - Electronics

Math - 23 credits

- MAT211 Calculus I
- MAT212 Calculus II
- MAT213 Calculus III
- MAT225 Discrete Math
- MAT313 Statistics I
- MAT322 Differential Equations

Computer Science & Engineering – 30 credits + electives

- CSC110/107 Computer Science I
- CSC111 Computer Science II
- CMPE220 Computer Organization
- CMPE320 Operating Systems
- CMPE322 Microcontrollers and Interfaces
- CMPE410 Real-Time and Mobile Development
- CMPE420 Digital and Reconfigurable Computing

Capstone Course (2 credit)

- CMPE498 Senior Research Methods **OR**
- CMPE499 Senior Research and Development

Electives (>=8 credits)

Electives are any CMPE or EE course, or CSC course with permission, >= 300 level

- _____ Elective / Internship
- _____ Elective / Internship