Computer Engineering

Prerequisite Flowchart

These requirements are effective for students admitted to the Computer Engineering major beginning Fall 2013.

**FRESHMAN YEAR**

**FALL**
- Term 1
  - Bioscience – 3/4
    - Choose 1 from approved list
  - CEM 141 - 4
    - Gen Cem
  - EGR 100 - 2
    - Intro Engr Design
  - MTH 132 - 3
    - Calc I
  - PHY 183 - 4
    - Physics I
  - WRA 1XX – 4*
    - Univ Writing
  - ISS 2XX – 4*
    - "Div- N, I or D"

**SPRING**
- Term 2
  - CSE 231 – 4
    - Intro to Progr I
  - CEM 161 - 1
    - Cem Lab 1
  - EGR 100 - 2
  - MTH 133 - 4
    - Calc II
  - MTH 234 - 4
    - Multivar Calc
  - MTH 235 – 3
    - Diff Equations
  - PHY 184 – 4
    - Physics II

**SOPHOMORE YEAR**

**FALL**
- Term 3
  - CSE 232 - 4
    - Intro to Progr II
  - CEM 161 - 1
    - Cem Lab 1
  - ECE 201 - 3
    - Circuits & Syst I
  - ECE 202 - 3
    - Circuits & Syst II
  - ECE 280 – 3
    - Elec Engr Analy

**SPRING**
- Term 4
  - CSE 260 - 4
    - Disc Str in Cmp Sc
  - ECE 302 - 3
    - Electr Circuits
  - Elective

**JUNIOR YEAR**

**FALL**
- Term 5
  - CSE 410 - 3
    - Operating Sysyms
  - CSE 331 - 3
    - Alg & Data Struct
  - Elective
  - Mjr Elect #1 – 3/4
    - Choose 1 from approved list

**SPRING**
- Term 6
  - CSE 331 - 3
    - Alg & Data Struct
  - ECE 303 – 1
    - Electronics Lab
  - Mjr Elect #2 – 3/4
    - Choose 1 from approved list
  - Mjr Elect #3 – 3/4
    - Choose 1 from approved list
  - Mjr Elect #4 – 3/4
    - Choose 1 from approved list

**SENIOR YEAR**

**FALL**
- Term 7
  - Elective – Var
  - Mjr Elect #5 – 3/4
    - Choose 1 from approved list
  - Mjr Elect #6 – 3/4
    - Choose 1 from approved list

**SPRING**
- Term 8
  - Elective – Var
  - Mjr Elect #5 – 3/4
    - Choose 1 from approved list
  - Mjr Elect #6 – 3/4
    - Choose 1 from approved list
  - Mjr Elect #7 – 3/4
    - Choose 1 from approved list
  - Mjr Elect #8 – 3/4
    - Choose 1 from approved list

**LEGEND**
- Prerequisite
- Prerequisite or Concurrent
- Rounded box: Offered only in the semester listed (excluding summer)
- * May be interchanged
- "Div- Complete courses in at least 2 out of 3 diversity categories: "N", "I" or "D"

Last Revised: May 24, 2016