Computer Engineering

Prerequisite Flowchart

These requirements are effective for students admitted to the Computer Engineering major beginning Fall 2008.

**FRESHMAN YEAR**

**FALL**
- Term 1: Bioscience – 3/4
  - Choose 1 from approved list
- Term 2: CSE 231 – 4
  - Intro to Progr I
- CEM 141 – 4
  - Gen Cem
- EGR 100 – 2
  - Intro Engr Design
- MTH 132 – 3
  - Calc I
- PHY 183 – 4
  - Physics I
- WRA XXX – 4*
  - Univ Writing
- ISS XXX – 4*
  - 1st Int Soc Sci

**SPRING**
- Term 2: CSE 232 – 4
  - Intro to Progr II
- CEM 161 – 1 (P: CEM 141/ concurrent) - OR- PHY 191 – 1 (P: PHY 183/ concurrent)
- EGR 100 – 2
  - Intro Engr Design
- MTH 133 – 4
  - Calc II
- MTH 234 – 4
  - Multivar Calc
- PHY 184 – 4
  - Physics II
- WRA XXX – 4*
  - Univ Writing
- ISS XXX – 4*
  - 1st Int Soc Sci

**SOPHOMORE YEAR**

**FALL**
- Term 3: CSE 260 – 4
  - Disc Str in Cmp Sc
- ECE 201 – 3
  - Circuits & Syst I
- ECE 202 – 3
  - Circuits & Syst II
- ECE 203 – 1
  - Elec Crc & Sys Lab
- ECE 280 – 3
  - Elec Engr Analy
- MTH 133 – 4
  - Calc II
- MTH 234 – 4
  - Multivar Calc
- MTH 235 – 3
  - Diff Equations
- PHY 183 – 4
  - Physics I

**SPRING**
- Term 4: CSE 260 – 4
  - Disc Str in Cmp Sc
- ECE 201 – 3
  - Circuits & Syst I
- ECE 203 – 1
  - Elec Crc & Sys Lab
- ECE 280 – 3
  - Elec Engr Analy
- MTH 234 – 4
  - Multivar Calc
- MTH 235 – 3
  - Diff Equations
- PHY 183 – 4
  - Physics I

**JUNIOR YEAR**

**FALL**
- Term 5: CSE 260 – 4
  - Disc Str in Cmp Sc
- ECE 201 – 3
  - Circuits & Syst I
- ECE 203 – 1
  - Elec Crc & Sys Lab
- ECE 280 – 3
  - Elec Engr Analy
- MTH 234 – 4
  - Multivar Calc
- MTH 235 – 3
  - Diff Equations
- PHY 183 – 4
  - Physics I

**SPRING**
- Term 6: CSE 260 – 4
  - Disc Str in Cmp Sc
- ECE 201 – 3
  - Circuits & Syst I
- ECE 203 – 1
  - Elec Crc & Sys Lab
- ECE 280 – 3
  - Elec Engr Analy
- MTH 234 – 4
  - Multivar Calc
- MTH 235 – 3
  - Diff Equations
- PHY 183 – 4
  - Physics I

**SENIOR YEAR**

**FALL**
- Term 7: CSE 410 – 4
  - Operating Sysms
- ECE 331 – 3
  - Alg & Data Struct
- Core Elect #1 – 3/4
  - Choose 1 from approved list
- Core Elect #2 – 3/4
  - Choose 1 from approved list
- Elective – Var X crs of Gen Elecs

**SPRING**
- Term 8: ECE 480 – 4
  - Senior Design
- ECE 390 – 1
  - Ethics, Prof & Cont Issues
- Mjr Elect #3 – 3/4
  - Choose 1 from approved list
- Mjr Elect #5 – 3/4
  - Choose 1 from approved list
- Mjr Elect #6 – 3/4
  - Choose 1 from approved list
- IAH XXX – 4
  - 2nd Int Arts & Hum

**LEGEND**
- Prerequisite
- Prerequisite or Concurrent
- Rounded box: Offered only in the semester listed (excluding summer)
- * May be interchanged

Last Revised: 07/13/09