Computer Engineering

Prerequisite Flowchart

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

LEGEND

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

FRESHMAN YEAR

Term 1
Bioscience – 3/4
Choose 1 from approved list

CEM 141 - 4
Gen Cem

EGR 100 - 2
Intro Engr Design

Term 2
MTH 132 - 3
Calc I

MTH 133 - 4
Intro to Progr I

CSE 231 - 4
Intro to Progr II

CSE 232 - 4
Intro to Progr II

CSE 260 - 4
Disc Str in Cmp Sc

EGR 100 - 2
Intro Engr Design

Sophomore Year

FALL

Term 3
MTH 132 - 3
Calc I

MTH 133 - 4
Intro to Progr I

CSE 231 - 4
Intro to Progr II

CSE 232 - 4
Intro to Progr II

CSE 260 - 4
Disc Str in Cmp Sc

EGR 100 - 2
Intro Engr Design

Term 4
PHY 183 - 4
Physics I

MTH 234 - 4
Multivar Calc

MTH 235 - 3
Diff Equations

PHY 184 - 4
Physics II

EGR 100 - 2
Intro Engr Design

Junior Year

FALL

Term 5
MTH 132 - 3
Calc I

MTH 133 - 4
Intro to Progr I

CSE 231 - 4
Intro to Progr II

CSE 232 - 4
Intro to Progr II

CSE 260 - 4
Disc Str in Cmp Sc

EGR 100 - 2
Intro Engr Design

Term 6
ECE 201 - 3
Circuits & Syst I

PHY 183 - 4
Physics I

MTH 234 - 4
Multivar Calc

MTH 235 - 3
Diff Equations

PHY 184 - 4
Physics II

EGR 100 - 2
Intro Engr Design

Senior Year

FALL

Term 7
Core Elect #1 – 3/4
Choose 1 from approved list

Mjr Elect #1 – 3/4
Choose 1 from approved list

Core Elect #2– 3/4
Choose 1 from approved list

Mjr Elect #3 – 3/4
Choose 1 from approved list

Core Elect #3 – 3/4
Choose 1 from approved list

Mjr Elect #4 – 3/4
Choose 1 from approved list

Core Elect #4– 3/4
Choose 1 from approved list

Last Revised: 07/13/09