Biosystems Engineering

Prerequisite Flowchart

These requirements are effective for students admitted to the Biosystems Engineering major beginning Fall 2011.

FRESHMAN YEAR

FALL Term 1
- CEM 161 – 1 Cem Lab I
- BE 101 – 1 Intro Biosys Engr

SPRING Term 2
- EGR 100 - 2 Intro Engr Design

Sophomore Year

FALL Term 3
- MTH 132 - 3 Calc I
- PHY 183 - 4 Physics I
- WRA XXX – 4 Univ Writing

SPRING Term 4
- MTH 234 - 4 Multivar Calc
- PHY 184 – 4 Physics II

Junior Year

FALL Term 5
- BS 161 – 3 Cells & Molclr Biol
- CEM 141 - 4 Gen Cem
- MTH 133 - 4 Calc II
- ISS 2XX – 4 1st Int Soc Sci

SPRING Term 6
- CE 221 – 3 Statics
- MTH 235 – 3 Diff Equations
- IAH 20X – 4 1st Int Arts & Hum
- BE 334 – 3 Biosys Engr Lab (P: BE 101 or conc; BS 171/172; PHY 164)

Senior Year

FALL Term 7

SPRING Term 8
- BE 487 – 3 Biosys Des Proj

E. Choose 1 from (3 crs): BE 445, BE 456, BE 469, BE 477, BE 478, BE 481, BE 482, CHE 468, ECE 445

D. Choose 1 from (3-4 crs): BLD 450; CSS 442; FOR 404, FSC 440, MMG 425, MMG 445, PLB 402; PLB 424; PSL 425

C. Choose 1 from: MMG 301; PLB 301; PSL 250; ZOL 341; ZOL 355

Elective – 3 3 crs of Gen Elecs

LEGEND
- Prerequisite
- Prerequisite or Concurrent
- Corequisite

Rounded box: Offered only in the semester listed (excluding summer)