FRESHMAN

FALL
- ENGL 101 (3) College English I
  P: See Course Catalog

SPRING
- ENGL 102 (3) College English II
  P: ENGL 101 with grade C or better

MATH 242 (5)
Calculus I
P: See Course Catalog

PHYS 313 (4)
Physics for Scientist I
  Coreq: MATH 243
  with a grade of C or better

GENERAL EDUCATION
H/FA/S&BSc (3)
Note b

ENGL 102 (3)
College English II
P: ENGL 101 with grade C or better

MATH 243 (5)
Calculus II
P: MATH 242 with C or better

PHYS 314 (4)
Physics for Scientist II
  Coreq: MATH 243
  with a grade 2.0 or better

PHYS 313 (4)
Physics for Scientist I
  Coreq: MATH 243
  with a grade of C or better

JUNIOR

FALL
- General Education
  H/FA/S&BSc (3)
  Note b

EE 463 (3)
Applied Engineering Electromagnetics
Fall Only
P: PHYS 314/MATH 344

EE 383 (3)
Signals and Systems
P: EE 284 C- or better/MATH 555

Technical Elective (3) or
  Note a

EE 492 (4)
Electronic Circuits I Offered Fall Only
Coreq: EE 284

EE 493 (4)
Electronic Circuits II or Tech Elec (4)
Offered Spring Only
P: EE 492 C- or better
  Note c

SOPHOMORE

FALL
- COMM 111 (3) Public Speaking

MATH 344 (3)
Calculus III
P: Math 243 with grade 2.0 or better

PHYS 314 (4)
Physics for Scientist II
  P: MATH 243 with grade 2.0 or better

IME 255 (3)
Engineering Economy
  Coreq: MATH 242

PHYS 313 (4)
Physics for Scientist I
  Coreq: MATH 243
  with a grade of C or better

PHYS 314 (4)
Physics for Scientist II
  Coreq: MATH 243
  with a grade 2.0 or better

IM 255 (3)
Engineering Economy
  Coreq: MATH 242

MATH 511 (3)
Linear Algebra
P: MATH 243 with grade 2.0 or better

PHYS 312 (4)
Physics for Scientist I
  Coreq: MATH 243
  with a grade of C or better

PHYS 313 (4)
Physics for Scientist II
  Coreq: MATH 243
  with a grade 2.0 or better

Senior

FALL
- General Education
  H/FA/S&BSc (3)
  Note b

IME 254 (3)
Engineering Probability & Statistics I
  P: MATH 243

EE 585 (2)
Electrical Design Project I
  P: Departmental consent

EE 586 (4)
Introduction to Communication Sys
  Offered Spring Only
  P: EE 383/IME 254
  C- or better

Technical Elective (3)
  Note a

EE 585 (2)
Electrical Design Project II
  P: EE 585 C- or better

EE 595 (2)
Electrical Design Project II
  P: EE 585 C- or better

Technical Elective (3)
  Note a

SPE 284 (4)
Circuits I
Coreq: MATH 243

EE 428 (4)
Electric Machines & Transformers
Offered Spring Only
P: EE 282 C- or better

EE 488 (4)
Electric Machines & Transformers
Offered Spring Only
P: EE 282 C- or better

Technical Elective (3)
  Note a

EE 584 (3)
Introductory Control System Concepts
Offered Spring Only
P: EE 282 C- or better/MATH 555 or EE383

EE 688 (4)
Power Electronics or Technical Elec (4)
Offered Fall Only
P: EE 383, 488, 492 C- or better
  Note c

EE 595 (2)
Electrical Design Project II
  P: EE 585 C- or better

EE 684 (3)
Electrical Circuit Concepts
Offered Spring Only
P: EE 282 C- or better

EE 684 (3)
Introductory Control System Concepts
  Offered Spring Only
  P: EE 282 C- or better/MATH 555 or EE383

EE 493 (4)
Electronic Circuits I Offered Fall Only
Coreq: EE 284

Technical Elective (3) or
  Note a

Notes:
- Students admitted after Fall 2007 must fulfill the Engineer 2020 requirements. Prerequisites for all ME courses must be passed with a grade that generates 2.0 or better. EECS prerequisites must be passed with a C- or better: a. At least 7 of the 13 hours must be from the EECS Department. Up to 2 credit hours of Co-op courses can be used as non-departmental technical electives. b. Humanities/Fine Arts/Social & Behavioral Science/Natural Science courses must be from an approved list which appears in the Schedule of Courses. c. Must take EE 493 or EE 688. P: Prerequisite.