Undergraduate Program Map

FYE
Semester 1/2
- Diff Calc
  MA 16500 (QR)
- Integ Calc
  MA 16600

Semester 3
- Multi-var Calc
  MA 26100
- Elect & Optics
  PHYS 241
- Modern Physics
  PHYS 17200 (S)
- Ideas to Innovation I
  ENGR 13100 (IL1)
- Ideas to Innovation II
  ENGR 13200
- Statics
  ME 27000
  CR: MA 26100

Semester 4
- Linear Alg/Ord Diff Eq.
  MA 26200
- Linear Circuit Analysis
  ECE 20100 & ECE 20700 (L)
- Thermo I
  ME 20000
  CR: MA 26100

Semester 5
- Part Diff Eq
  MA 30300
- Systems & Measure
  ME 36500 (L)
- Mech. of Materials
  ME 32300
- Dynamics
  ME 27400
  CR: MA 26200
- Fluid Mechanics
  ME 30900 (L)
  PR: MA 26200

Semester 6
- Tech Elective
- Sys Model & Analysis
  ME 37500
- Struc & Prop of Mats
  MSE 23000
  PR: CHEM 11500, MA 16500

Semester 7
- Tech Elective
- Automated Control Sys
  ME 47500 (L)
- Heat & Mass Transfer
  ME 31500 (L)
  PR: MA 30300
- Engineering Design
  ME 46300
  (IL3, OC3, WC3)

Semester 8
- Tech Elective
- Tech Elective
- Machine Design I
  ME 35200
- Machine Design II
  ME 45200

ME 463 MUST be taken in the last semester before you graduate!

Prerequisite (PR)

Corequisite (CR)

Restricted Elective
Pick 2 of 3

Mechanical Sciences

Design

Mathematics

System, Measurements, & Controls

Other