

BSME

Year 1

FALL

SPRING

GE WRITTEN COMM. (3)

GE ORAL COMM. (3)

GE LIFE SCI: BIOL 100 (3)

GE ARTS & HUM. (3)

MATH 150 (4)

GE CRIT. THINK./RWS 200 or LING200 (3)

GE PHYS. SCI./LAB/CHEM 202 (4)

MATH 151 (4)

ME 190 CAD (2)

PHYS 195 (3)

PHYS 195L (1)

Total Units: 16

Total Units: 17

GE COURSES

Year 2

FALL

SPRING

MATH 252 (4)

GE ARTS & HUM. (3)

PHYS 196 (3)

GE SOCIAL & BEHAVIORAL(3)

PHYS 196L (1)

AE 280 (3)

ME 200 STATICS (3)

*EE 204 ELEC. ENG. (3)

ME 202 COMP. PROG. APP. (3)

ME 220 DYNAMICS (3)

ME 240 INTRO ENG. MAT. (3)

ME 241 MAT. LAB (1)

Total Units: 17

Total Units: 16

*Or ME 296: Basics of Mechatronics

MATH & SCI./GE COURSES

MATH & SCI. COURSES

Year 3

FALL

SPRING

*GE SOCIAL & BEHAVIORAL (3)

GE EXPLOR./ETHNIC STUDIES (3)

GE ARTS & HUM. (3)

GE SOCIAL & BEHAVIORAL (3)

ME 360 FLUIDS ENG. (3)

ME 314 DESIGN MECH. COMP. (3)

AE 341 FLUIDS LAB (1)

ME 330 MECHATRONICS LAB (3)

ME 304 MECH OF MAT. (3)

ME 452 HEAT TRANSFER (3)

ME 350 THERMO. (3)

Total Units: 15

*Or American Institutions

Total Units: 16

*Or American Institutions

ME COURSES

Year 4

FALL

SPRING

ME 490A SENIOR DESIGN I (3)

ME 490B SENIOR DESIGN II (3)

ME 495 MECH. THERMAL SYS. LAB (2)

ELECTIVE II (3)

ELECTIVE I (3)

ELECTIVE III (3)

**TECHNICAL ELECTIVE (3)

**TECHNICAL ELECTIVE (3)

OR

**TECHNICAL ELECTIVE (3)

**TECHNICAL ELECTIVE (3)

Total Units: 11

Total Units: 12

**One elective from concentration must be at 500-level

MECHANICAL SYSTEMS CONCENTRATION

THERMAL SYSTEMS CONCENTRATION