

BSME

Year 1

FALL

GE WRITTEN COMM.. (3)

GE LIFE SCIENCES: BIOL 100 (3)

MATH 150 (4)

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

ME 190 CAD (2)

Total Units: 16

SPRING

GE ORAL COMM. (3)

GE ARTS & HUM. (3)

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

MATH 151 (4)

PHYS 195 (3)

PHYS 195L (1)

Total Units: 17

GE COURSES

Year 2

FALL

MATH 252 (4)

PHYS 196 (3)

PHYS 196L (1)

ME 200 STATICS (3)

ME 202 COMP. PROG. APP. (3)

ME 240 INTRO. ENG. MAT.. (3)

Total Units: 17

SPRING

GE ARTS & HUM. (3)

GE SOCIAL & BEHAVIORAL (3)

AE 280 (3)

ME 230 BASICS OF MECH (3)

ME 220 DYNAMICS (3)

ME 241 MAT. LAB. (1)

Total Units: 16

MATH & SCI/GE COURSES

MATH & SCI. COURSES

Year 3

FALL

*GE SOCIAL & BEHAVIORAL (3)

GE ARTS & HUM. (3)

ME 360 FLUIDS ENG. (3)

ME 304 MECH. MAT. (3)

ME 350 THERMO. (3)

Total Units: 15

*Or American Institutions

SPRING

*GWAR: UPPER DIVISION WRITING COURSE (3)

GE ETHNIC STUDIES/AMERICAN INSTITUTIONS (3)

AE 341 (1)

ME 314 DESIGN MECH. COMP. (3)

ME 330 MECHATRONICS LAB. (3)

ME 452 HEAT TRANSFER (3)

Total Units: 16

*Or American Institutions

ME COURSES

Year 4

FALL

ME 490A SENIOR DESIGN (3)

ME 495 MECH. THERM. SYSTEMS LAB. (2)

ELECTIVE I (3)

**Technical Elective (3)

**Technical Elective (3)

Total Units: 14

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

SPRING

ME 490B SENIOR DESIGN II (3)

GE EXPLOR./HUMANITIES/CULTURAL DIVERSITY (3)

ELECTIVE II (3)

**Technical Elective (3)

*Technical Elective (3)

Total Units: 12

Mechanical Systems Concentration

Thermal Systems Concentration