

BSME WITH BIOENGINEERING EMPHASIS

Year 1		Year 2		Year 3		Year 4	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
GE WRITTEN COMM. (3)	GE ORAL COMM. (3)	MATH 252 (4)	GE LIFE SCI./BIOL 203 (3)	**GE SOCIAL & BEHAVIORAL (3)	**GE SOCIAL & BEHAVIORAL (3)	GE EXPLOR. /ETHNIC STUDIES (3)	BIOL 436 HUM. PHYSIO. LAB. (2)
GE ARTS & HUM. (3)	GE SOCIAL & BEHAVIORAL (3)	PHYS 196 (3)	AE 280 (3)	GE ARTS & HUM. (3)	GE ARTS & HUM. (3)	ME 490A SENIOR DESIGN I (3)	ME 490B SENIOR DESIGN II (3)
MATH 150 (4)	GE CRIT. THINK./RWS 200 or LING200 (3)	PHYS 196L (1)	*EE 204 ELEC. ENG. (3)	ME 360 FLUIDS ENG. (3)	ME 314 DESIGN MECH. COMP. (3)	BIOL 336 HUMAN PHYSIO. (3)	***ELECTIVE II (3)
GE PHYS. SCI./LAB/CHEM 202 (4)	MATH 151 (4)	ME 200 STATICS (3)	ME 220 DYNAMICS (3)	AE 341 FLUIDS LAB (1)	ME 330 MECHATRONICS LAB (3)	***ELECTIVE I (3)	***ELECTIVE III (3)
ME 190 CAD (2)	PHYS 195 (3)	ME 202 COMP. PROG. APP. (3)	ME 241 MAT. LAB (1)	ME 304 MECH OF MAT. (3)	ME 452 HEAT TRANSFER (3)	Total Units: 12	Total Units: 11
Total Units: 16	PHYS 195L (1)	ME 240 INTRO ENG. MAT. (3)	Total Units: 13	ME 350 THERMO. (3)	Total Units: 15	***Can choose from the following electives: ME 499 ME 580 ME 585 ME 596 (special topics in bioengineering area)	
	Total Units: 17		*Or ME 296: Basics of Mechatronics	Total Units: 16	**Or American Institutions		
GE COURSES		MATH & SCI./GE COURSES	MATH & SCI. COURSES	BIOENGINEERING COURSES	ME COURSES		