

BSME Program - 2019-2020

1st Semester	2nd Semester	3rd Semester	4th Semester	5th Semester	6th Semester	7th Semester	8th Semester
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
MA125 (4) Calculus I	MA126 (4) Calculus II <MA125>	MA227 (4) Calculus III <MA126>	MA238 (3) Diff. Equations (MA227)	EG 360 (3) Fluid Mechanics <MA 238, EG 284>	ME 314 (3) MC Design <EG 284, EG 315>	ME 426 (3) Controls <ME 316, MA 238, ME 328>	ME/Tech Elect (3)
CH131 (4) Chemistry I	ME 135 (3) Eng Graphics (MA 125)	MA 237 (3) Linear Algebra <MA 126>	EG 231 (3) Ethics & Eng Econ <MA 126>	EG 270 (3) EG Thermo <MA 126, PH 201>	ME 317 (3) Heat Transfer <EG 270, EG 360, ME 328>	ME 410 (3) Prin of Design <EG 231, ME 314, ME 316 *ME 317, *ME 336>	ME 472 (3) Vibrations <EG 284, EG 315, ME 328>
EH101 (3) Composition I	EH102 (3) Composition II <EH101>	EG283 (3) Statics <PH201, MA126>	EG284 (3) Dynamics <EG283, MA 126>	ME 326 (3) Materials Science <^PH 202, ^EG 315, ^CH 131>	ME 336 (1) Mat Sci Lab (ME 326)	ME 429 (1) Controls Lab <*ME 426>	ME/Tech Elect (3)
EG101 (2) Intro to Engineering <MA112>	PH201 (4) Physics I (cal based) <MA125, EH101>	PH 202 (4) Physics II (cal based) <MA 126, PH 201>	EG315 (3) Mech of Materials <PH201, EG283, MA 227>	ME 328 (4) ME Analysis <MA 227, MA 237, MA 238>	ME 312 (3) ME Thermo <EG 270>	ME 412 (1) Thermo Lab <ME 312, ME 317, EG 360>	ME 414 (1) Capstone Design <ME 410> (ME 416)
			EG 220 (3) Circuits <MA 126, PH 202>	Sci Elective (3)	ME 316 (3) Instrumentation <EG 220, ME 328 MA 238, PH 202>	ME Elective (3)	ME 416 (2) Capstone Project <ME 410> (ME 414)
General Ed (3) L/H/FA or H/SBS	CA110 (3) Public Speaking	General Ed (3) L/H/FA or H/SBS	General Ed (3) L/H/FA or H/SBS		General Ed (3) L/H/FA or H/SBS	General Ed (3) L/H/FA or H/SBS	

< > indicates prerequisite courses; () indicates corequisite courses; * Courses may be taken concurrently; ^C-Grade or higher required

Courses in shaded boxes indicate PCS course: C-grade or higher required

16 cr-hr	17 cr-hr	17 cr-hr	18 cr-hr	16 cr-hr	16 cr-hr	14 cr-hr	12 cr-hr
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