

ACADEMIC PLAN

BSME Academic Plan with Major GPA Calculator - Provide inputs under "Sem", "Year", and "Grade".

Percent completion:

Grade = A, B, C, D, F, H, P, or N Sem: SP=spring; FA=fall; SUM=summer; TR=transfer
 Any repeated courses should be entered in rows 92-100.
 Do not include any courses for which a grade replacement has been implemented.

0 Number of credits your plan indicates that you have completed or will complete this semester.
 no Is your plan complete?
 no Does your plan follow all prerequisites and corequisites?
 yes Does your plan comply with the limits of credits allowed for each semester?

Enter your full name and ID number: _____ Name: _____ Student ID: _____

FRESHMAN YEAR

Pre- or Co-Requisites	Course	Sem	Year	Credits	Grade
MATH 1241	ENGR 1201 Intro to Engr I			2	
Complete MEGR 1100 or CHEM 1251&1251L. Enter the term for whichever course was completed.	CHEM 1251 Chemistry I			0	
	CHEM 1251L Chemistry Lab			0	
	ENGR 1201 Fund Sci and Math 1100			0	
MATH 1103 OR PLACEMENT	MATH 1241 Calculus I			3	
CHECK CATALOG	SCIENCE ELECTIVE			3	
	LBST 110X Arts & Society			3	

Pre- or Co-Requisites	Course	Sem	Year	Credits	Grade
ENGR 1201 MATH 1241	ENGR 1202 Intro to Engr II			2	
MATH 1241	PHYS 2101 Physics I			3	
PHYS 2101	PHYS 2101L Physics I Lab			1	
MATH 1241	MATH 1242 Calculus II			3	
Transfer students with ENG 112/UWRT 1102 credit meet the CTC-Critical Thinking & Comm requirement.	WRDS (UWRT) 1103 Writing & Inquiry			3	
	LBST 2101 Western Culture			3	

SOPHOMORE YEAR

Pre- or Co-Requisites	Course	Sem	Year	Credits	Grade
PHYS 2101 MATH 1242	PHYS 2102 Physics II			3	
PHYS 2102 PHYS 2101L	PHYS 2102L Physics II Lab			1	
PHYS 2101 MATH 1242	MEGR 2141 Engr Mechanics I			3	
MATH 1242	MATH 2171 Diff Equations			3	
SOPHOMORE STANDING	ECON 2101 or 2102 Economics			3	
Gen Ed Fall 2017 or Later ONLY LBST 2301	Old Gen Ed or UWRT 1102 LBST 2102			3	
ADMISSION TO MOTORSPORTS	MEGR 2299 Intro to Motorsports Eng			1	
ADMISSION TO BIOMEDICAL	MEGR 2279 Intro to Biomedical Eng			1	

Pre- or Co-Requisites	Course	Sem	Year	Credits	Grade
MEGR 2156	MEGR 2180 Manuf. Systems			3	
ENGR 1202 MEGR 2141 PHYS 2102L	MEGR 2156 Design Proj. Lab			2	
MEGR 2141	MEGR 2144 Solid Mechanics			3	
MATH 1242	MATH 2241 Calculus III			3	
PHYS 2102	ECGR 2161 Basic Elect. Engr			3	
MEGR 2240 may be taken in the summer after the 4th semester or moved to the 5th semester.	MEGR 2141 MEGR 2240 Computational Methods			3	
ADMISSION TO ENERGY	MEGR 2499 Intro to Energy Eng			1	

JUNIOR YEAR

Pre- or Co-Requisites	Course	Sem	Year	Credits	Grade
MATH 2171 PHYS 2101	MEGR 3111 Thermodynamics I			3	
MEGR 2141 MATH 1242	MEGR 3121 Dynamic Systems I			3	
CHEM 1251 or MEGR 1100 MEGR 2144	MEGR 3161 Engr Materials			3	
ECGR 2161 MATH 2241	MEGR 3171 Meas. & Instrum.			2	
PHYS 2102L MEGR 3171	MEGR 3171L Instrum. Lab			2	
CHECK CATALOG	ME Technical Elective or Motorsports/Energy/Biomed			3	

Pre- or Co-Requisites	Course	Sem	Year	Credits	Grade
MEGR 3111	MEGR 3112 Thermodynamics II			3	
MEGR 3121 MEGR 2240 MATH 2171	MEGR 3122 Dynamic Systems II			3	
MEGR 3121	MEGR 3114 Fluid Mechanics			3	
MATH 2241	MEGR 3114			3	
ECGR 2161 MEGR 2144 MEGR 2156 MEGR 2180	MEGR 3156 Design Proj. Lab II			2	
MEGR 2144 MEGR 3161	MEGR 3152 Mechs & Materials Lab			2	
MEGR 3171L MEGR 3121	MEGR 3152			2	
MEGR 3116 may be taken in the summer after the 6th semester or moved to the 7th semester.	MATH 2171 MEGR 3111 MEGR 3114			3	

SENIOR YEAR

Pre- or Co-Requisites	Course	Sem	Year	Credits	Grade
MEGR 3111 MEGR 3161 MEGR 3114 MEGR 3156 MEGR 3171L MEGR 3152 MEGR 3251	MEGR 3255 Senior Design I			2	
MEGR 2299 MEGR 3355 MEGR 3455 MEGR 2499 MEGR 3275	Motorsports Sr Des I Energy Sr Des I Biomed Sr Des I			2	
MEGR 3111 MEGR 3171L MEGR 3114	MEGR 3251 Thermal/Fluids Lab			2	
CHECK CATALOG	MATH ELECTIVE			3	
CHECK CATALOG	ME Technical Elective or Motorsports/Energy/Biomed			3	
CHECK CATALOG	DESIGN ELECTIVE MEGR 3221			3	

Pre- or Co-Requisites	Course	Sem	Year	Credits	Grade
MEGR 3255 MEGR 3355 MEGR 3455 MEGR 3275	MEGR 3256 Senior Design II			2	
MEGR 3355 MEGR 3455 MEGR 3275	Motorsports Sr Des II Energy Sr Des II Biomed Sr Des II			2	
CHECK CATALOG	ME Technical Elective or Motorsports/Energy/Biomed			3	
CHECK CATALOG	ME Technical Elective or Motorsports/Energy/Biomed			3	
	LBST 221X Ethical Issues			3	
SENIOR OR JUNIOR STANDING	ENGR 3295 Prof. Development			1	

This spreadsheet is intended to be used an informal tool for determining engineering GPA. It is each student's responsibility to accurately input grade information. This spreadsheet is not approved for official use.

Total Hours: 120; Motorsports: 121; Energy: 121; Biomedical: 121

- Pre-Requisite - C or Better Required
- Co-Requisite
- Prerequisite or Co-requisite
- Pre-Requisite - D or Better Required