

**Department of Mechanical Engineering**  
**Bachelor of Science in Mechanical Engineering (470) Curriculum**  
**Brigham Young University – Idaho**

Freshman		Sophomore		Junior		Senior	
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
ME 131 Mfg Proc I 3	ME 142 Engr Comp I 3	ME 202 Strength of Matl 3	ME 280 ME Design I 3	ME 370 Mech Sys Des 3	ME 380 ME Design II 3	ME 423 Heat Transfer 3	ME 480 ME Design III 3
ME 172 Vis in Engr Des 3	ME 201 Statics 2	ME 204 Dynamics 3	ME 250 Material Science 3	ME 322 Thermal Sys 3	ME 360 Fluid Mech 3	ME 330 Engr Statistics 3	**ME Emphasis Elect 3
ME 101 Intro to ME 1		ME 210 Electro-Mech I 2	****ME 250L Materials Lab 1	ME 310 Electro-Mech II 2	**ME Emphasis Elect 3	**ME Emphasis Elect 3	**ME Emphasis Elect 3
*AC Fund Quant Reason 3	Chem 105 College Chem 4	Math 215 Engr Math I 4	Math 316 Engr Math II 4	***ME 299, 398 or 490 1	***ME 299, 398 or 490 1		
	FDAMF 101 American Found 3		Math 316 Engr Math II 4	PH 223 Engr Physics 4		Cul Awar 2	
FDEng 101 Reading/Writing 3	FDSci 101 Sci Found 2	FDEng 201 Advanced Writing 3	FDSci 2xx Issues in Science 2		Cul Awar 3	FDCNC 250 Found Capstone 2	FDSci 2xx Issues in Sci 3
Eternal Truths 2	Eternal Truths 2		Eternal Truths 2	Eternal Truths 2	Eternal Truths 2	Eternal Truths 2	Eternal Truths 2
15	16	15	15	15	15	15	14

○ M.E.    □ Support    □ Foundation    ◇ Religion

**Total Credit Hours**    **120**  
**Catalog Year**                    **2011/12**

- \*Take FDMat 112 (Calculus I) to fulfill this requirement as it is a prerequisite to Math 215 and several other engineering courses.
- \*\*Choose a 12-14 credit area of emphasis.
- \*\*\*Students are encouraged to fill an internship (ME 398) during their off track.
- \*\*\*\*ME 250L must be taken *concurrently* with ME 250.