

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
<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 131 Mfg Proc I 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 142 Engr Comp I 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 202 Strength of Matl 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 280 ME Design I 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 370 Mech Sys Des 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 380 ME Design II 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 423 Heat Transfer 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 480 ME Design III 3</div>
<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 172 Vis in Engr Des 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 201 Statics 2</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 204 Dynamics 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 250 Material Science 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 322 Thermal Sys 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 360 Fluid Mech 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 330 Engr Statistics 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">**ME Emphasis Elect 3</div>
<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 101 Intro to ME 1</div>		<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 210 Electro-Mech I 2</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 218 Materials Lab 1</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">ME 310 Electro-Mech II 2</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">**ME Emphasis Elect 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">**ME Emphasis Elect 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">**ME Emphasis Elect 3</div>
<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">*AC Fund Quant Reason 3</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">Chem 105 College Chem 4</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">Math 215 Engr Math I 4</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">Math 316 Engr Math II 4</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">***ME 299, 398 or 490 1</div>	<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">***ME 299, 398 or 490 1</div>		
	<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">Cul Awar 2</div>			<div style="border: 1px solid black; border-radius: 50%; padding: 5px; width: 60px; margin: 0 auto;">PH 223 Engr Physics 4</div>		<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">FDAMF 101 American Found 3</div>	
<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">FDEng 101 Reading/Writing 3</div>	<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">FDSci 101 Sci Found 2</div>	<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">FDEng 201 Advanced Writing 3</div>	<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">FDSci 2xx Issues in Science 2</div>		<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">Cul Awar 3</div>	<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">FDCNC 250 Found Capstone 2</div>	<div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">FDSci 2xx Issues in Sci 3</div>
<div style="border: 1px solid black; width: 60px; height: 40px; margin: 0 auto; transform: rotate(45deg);"></div>	<div style="border: 1px solid black; width: 60px; height: 40px; margin: 0 auto; transform: rotate(45deg);"></div>		<div style="border: 1px solid black; width: 60px; height: 40px; margin: 0 auto; transform: rotate(45deg);"></div>	<div style="border: 1px solid black; width: 60px; height: 40px; margin: 0 auto; transform: rotate(45deg);"></div>	<div style="border: 1px solid black; width: 60px; height: 40px; margin: 0 auto; transform: rotate(45deg);"></div>	<div style="border: 1px solid black; width: 60px; height: 40px; margin: 0 auto; transform: rotate(45deg);"></div>	<div style="border: 1px solid black; width: 60px; height: 40px; margin: 0 auto; transform: rotate(45deg);"></div>
15	15	15	15	15	15	16	14

○ M.E. □ Support □ Foundation ◇ Religion

Total Credit Hours **120**
Catalog Year **2010/11**

*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.