

## BS in Mechanical Engineering (470)

Catalog Year  
2014 - 2015

**General Information:**

Academic Advising has provided a **recommended graduation plan** for every major we offer.

- This plan is built to meet the University's minimum credit requirement (120 credits for a bachelor's degree and 60 for an associate) in 8 semesters or less. Each plan includes all required courses, including Foundations and major as well as emphasis, minor or clusters (if applicable). The plan may also include elective courses to meet the credit requirement.
- Please note the following terms: Groups = A term used on the Degree Audit to reference a required group of classes that may be pre-selected or from which you can choose; General Elective = any course offering at BYU-Idaho which you are eligible to take; Major Elective = a required course from a list of multiple course options within your major. (A certain number of "major electives" may be required for your major, but you can select which course to choose from the given list.)

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits	Semester 4	Credits
ME 101	1	ME 142	3	ME 202	3	ME 250 L	1
ME 172	3	ME 201	2	ME 204	3	ME 250	3
PH 121	3	CHEM 105	4	ME 231	3	ME 280	3
^FDMAT 112	4	ME 210	2	MATH 215	4	MATH 316	4
*FDSCI 101	2	FDENG 101	3	FDREL 200	2	#ME Competency Exam	0
FDREL 121 or 122	2	FDREL 121 or 122	2			FDENG 201	3
						FDREL Scripture-based	2
<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>16</b>
Semester 5	Credits	Semester 6	Credits	Semester 7	Credits	Semester 8	Credits
ME 310	2	ME 360	3	MATH 330	3	ME 423	3
ME 322	3	ME 380	3	ME 480	3	###ME Emphasis Elective	3
ME 370	3	###ME Emphasis Elective	3	###ME Emphasis Elective	3	###ME Emphasis Elective	3
##Take one:	1	##Take one:	1	**Cultural Awareness	2	**Cultural Awareness	3
ME 299 (1 cr)		ME 299 (1 cr)		FDCNC 350	2	FDREL Elective	2
ME 398 (1 cr)		ME 398R (1 cr)		FDREL Elective	2		
ME 490 (1 cr)		ME 490R (1 cr)					
PH 223	4	Elective Credit	1				
FDREL Scripture-based	2	FDAMF 101	3				
<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>14</b>	<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>14</b>

**Special Instructions**

~Mechanical Engineering is a Specialized major; no minor or clusters allowed.

^The Quantitative Foundations requirement of FDMAT 108/108T will now be met by completing FDMAT 112, MATH 330, and ME 380.

\*It is recommended that students choose Option C to complete their Science Foundations requirement.

\*\*Complete both FDCA 101 and a FDCA 200-level course, or complete FDWLD 101 and FDWLD 201.

#Competency Exam must be successfully completed prior to registering for upper division courses.

##Two of three courses required. If ME 398R is chosen it should be taken during an off-track semester.

###See catalog for Emphasis courses.