

# DESIGN GRADUATE OPTION

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This option is offered within the following major(s):

- Mechanical Engineering - College of Engineering (<http://catalog.oregonstate.edu/college-departments/engineering/school-mechanical-industrial-manufacturing-engineering/mechanical-engineering-meng-ms-phd>)

Code	Title	Hours
<b>Required</b>		
ME 507	SEMINAR	1
Select 15 credits of the following:		15
ME 511	PRECISION MACHINE DESIGN	
ME 512	DESIGN OF MECHANISMS	
ME 515	RISK AND RELIABILITY ANALYSIS IN ENGINEERING DESIGN	
ME 516	MODELING AND ANALYSIS OF COMPLEX SYSTEMS	
ME 517	OPTIMIZATION IN DESIGN	
ME 611	MODERN PRODUCT DESIGN	
MFGE 536	LEAN MANUFACTURING SYSTEMS ENGINEERING	
Total Hours		16

**Option Code: 3215**