

2010-2011 Course Catalog

The University Of Montana

Pre-Engineering

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The pre-engineering curriculum is for students planning to transfer to and accredited engineering program. Since engineering curricula differ for the different divisions of engineering, the general curriculum listed below serves only as a guide. A student planning to transfer into a particular type of engineering should look for the appropriate program guide on the Pre-engineering web site and consult with his or her advisor.

First Year		A		S
COMM 111A Intro to Public Speaking	-		3	
ECNS 201S or 202S (ECON 111S or 112S) Principles of Micro/Macroeconomics	3		-	
WRIT 101 (ENEX 101) Composition	3		-	
M 171, 172 (MATH 152-153) Calculus I, II	4		4	
PHSX 215N-216N-217N-218N (PHYS 211N-212N-213N-214N) Fundamentals of Physics w/Calculus I, II & Lab	5		5	
PHYS 175 Intro to Engineering	-		3	
	17		17	
Second Year		A		S
CHMY 141N-143N (CHEM 161N-162N) College Chemistry I & II	5		5	
M 273 (MATH 251) Multivariable Calculus	-		4	
M 311 (MATH 311) Ordinary Differential Equations/Systems	3		-	
PHSX 291 (PHYS 295) Engineering Statics	3		-	

PHSX 322 (PHYS 321) Electronics for Scientists	3	-
PHSX 301 (PHYS 301) Introduction to Theoretical Physics	-	3
Electives	3	3
	17	15