

**MINOR PRE-ENGINEERING**

Student's Last Name	First	Middle Initial
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Advisor	Date Minor Declared
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The Pre-Engineering minor at Westminster is designed for students who wish to combine a liberal arts education with a career in engineering. A student completing the Pre-Engineering minor will earn credit for the courses necessary to complete the dual degree engineering program with Washington University in St. Louis, Missouri University of Science and Technology, or another institution.

<b>Required Courses</b>	<u>Hrs.</u>	<u>Semester Completed</u>	<u>Grade</u>
EGR/PHY 101 Introduction to Engineering & Design	3	_____	_____
CHM 114/115 General Chemistry I	4	_____	_____
MAT 312 Differential Equations*	3	_____	_____
PHY 212 Physics II	4	_____	_____
A Capstone Course at the Engineering Institutions taken during the last semester before graduation or an approved project in the form of an Independent Study course at Westminster College	3	_____	_____
<b>Electives: Choose <u>two</u>:</b>			
BIO 301 Genetics	4	_____	_____
CHM 124/125 General Chemistry II	4	_____	_____
CSC 211 Fundamentals of Computer Science II	3	_____	_____
MAT 215 Linear Algebra	3	_____	_____
MAT 313 Mathematical Probability & Statistics	3	_____	_____
<b>Total Hours</b>		<b>23-24</b>	

\*The prerequisites for MAT 312 are MAT 124, MAT 214, MAT 224, MAT 215, and CSC 104, all of which must be completed with a grade of C- or better before enrollment in MAT 312.