

# PRE-ENGINEERING PROGRAM OF STUDY ASSOCIATE OF SCIENCE DEGREE

Code	Title	Credits
<b>General Education Requirements</b> ( <a href="https://catalog.msubillings.edu/undergraduate/general-education-requirements">https://catalog.msubillings.edu/undergraduate/general-education-requirements</a> )		31
BIOB 160	Principles of Living Systems	
CHMY 141	College Chemistry I	
CHMY 142	College Chemistry I Lab	
COMX 111	Intro to Public Speaking	
M 171	Calculus I	
WRIT 101	College Writing I	
Additional General Education Requirements		
<b>Required Courses</b>		
EGEN 105	Intro to General Engineering	2
M 172	Calculus II	4
M 273	Multivariable Calculus	4
M 274	Intro Differential Equations	4
PHSX 220	Physics I	3
PHSX 221	Physics I Lab	1
PHSX 232	Physics II & Thermo	3
PHSX 233	Physics II & Thermo Lab	1
Subtotal		22
<b>Restricted Electives</b>		
Restricted electives selected with advisor approval		7
<b>Total Minimum Credits</b>		60

<sup>1</sup> May satisfy General Education requirements.