

# ASSOCIATE OF SCIENCE - ENGINEERING

register for courses at the University of Minnesota-Duluth. Students should discuss their options with their advisor.

## Requirements

1. 60 total college level credits with at least a 2.0 GPA.
2. Completion of 24 credits from UW-Superior.
3. The last 12 credits of the degree must be earned at UW-Superior or approved UW-Superior program.

## Completion of the following course categories:

Code	Title	Hours
<b>University Studies Courses (24 Credits)</b>		
<i>Communication</i>		<i>9.00</i>
WRIT 102	Introduction to Academic Writing	
WRIT 209	Introduction to Professional Writing	
COMM 110	Introduction to Communication	
<i>Knowledge Categories (9 Credits)</i>		
Humanities		3.00
Social Sciences		3.00
Fine and Applied Arts		3.00
<i>Social Responsibility and Intercultural Knowledge (Select two courses total from two of the following three categories)</i>		<i>6.00</i>
HHP 102	Foundations for Wellness and Success	
Diversity		
Global Awareness		
<b>Core Courses (23 Credits)</b>		
MATH 240	Calculus and Analytic Geometry I	4.00
MATH 241	Calculus and Analytic Geometry II	4.00
PHYS 201	Calculus-Based Physics I	5.00
PHYS 202	Calculus-Based Physics II	5.00
CHEM 105	General Chemistry I	5.00
Note: Prerequisite for MATH 240 is MATH 115 - Precalculus		
<i>Engineering Courses (6 Credits) - With an Engineering prefix (ENGR)</i>		<i>6.00</i>
See list of recommended courses below		
<i>STEM Elective (3 Credits) - Select from the following prefixes: BIOL, CHEM (106 or higher), CSCI (201 or higher), ENGR, ENSC, GEOG (241 or 343), GEOL, MATH (242 or higher), PHYS (203 or higher)</i>		<i>3.00</i>
<b>Recommended Courses</b>		
CHEM 106	General Chemistry II	
CSCI 201	Introduction to Programming	
CSCI 327	Embedded Systems Design	
ENGR 203	Engineering Modeling & Design	
ENGR 213	Engineering Mechanics-Statics	
ENGR 223	Engineering Mechanics-Dynamics	
ENGR 282	Engineering Economy	
MATH 242	Calculus and Analytic Geometry III	
<b>Total Hours</b>		<b>56.00</b>

A strategic selection of courses can help with the transfer process to a specific engineering school. Note that students have the option to cross-