

MINOR IN SYSTEMS ENGINEERING

REQUIREMENTS

The following requirements must be fulfilled: 18 credits in courses for the minor, including 15 credits in required courses and one 3-credit elective course, and satisfactory completion of all prerequisite courses.

Code	Title	Credits
Prerequisites		
The following courses must be completed before beginning the minor program:		
APSC 3115	Engineering Analysis III	
COMM 1040	Public Communication	
or COMM 1041	Interpersonal Communication	
or COMM 1042	Business and Professional Speaking	
MATH 1231	Single-Variable Calculus I	
MATH 1232	Single-Variable Calculus II	
MATH 2233	Multivariable Calculus	
MATH 2184	Linear Algebra I	
or EMSE 2705	Mathematics in Operations Research	
UW 1020	University Writing	
Required		
EMSE 2801	Fundamentals of Systems Engineering	
EMSE 3815	Requirements Analysis and Elicitation	
EMSE 3820	Project Management for Engineering Systems	
EMSE 3850	Quantitative Models in Systems Engineering	
EMSE 4765	Data Analysis for Engineers and Scientists	
Elective		
One additional EMSE course selected in consultation with the advisor.		