

SYSTEMS ENGINEERING MINOR

Banner Code: SYST

Academic Advising

2100 Nguyen Engineering Building
Fairfax Campus

Phone: 703-993-1670

Email: seor@gmu.edu

Website: <http://seor.gmu.edu/undergrad.html>

Prerequisites

Some of the courses listed above have additional prerequisites. Students should pay careful attention to prerequisites when selecting courses.

Admissions & Policies

Policies

For policies governing all minors, see AP5.3.4 Minors.

Requirements

Minor Requirements

Total credits: 15

Required SEOR Courses

Code	Title	Credits
SYST 101 or SYST 210	Understanding Systems Engineering Systems Design	3
SYST 473	Decision and Risk Analysis	3
Total Credits		6

Three Additional Courses

Code	Title	Credits
Select three additional courses from the following:		9
SYST 210	Systems Design	
SYST 220 & SYST 221	Dynamical Systems I and Systems Modeling Laboratory	
SYST 320	Dynamical Systems II	
SYST 330	Systems Methods	
SYST 371	Systems Engineering Management	
SYST 460	Introduction to Air Traffic Control	
SYST 461	Air Transportation System Engineering	
SYST 468	Applied Predictive Analytics	
SYST 469 or SYST 470	Human Computer Interaction Human Factors Engineering	
OR 335	Discrete Systems Modeling and Simulation	
OR/MATH 441	Deterministic Operations Research	
OR/MATH 442	Stochastic Operations Research	
OR 481 or MATH 446	Numerical Methods in Engineering Numerical Analysis I	
Total Credits		9