SYSTEMS ENGINEERING AND OPERATIONS RESEARCH MINOR

Banner Code: SEOR

Academic Advising
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Admissions & Policies

Policies
For policies governing all minors, see AP.5.3.4 Minors.

Requirements

Minor Requirements
Total credits: 15

Required SEOR Courses
SYST 101 Understanding Systems Engineering 3
or SYST 210 Systems Design
SYST 473 Decision and Risk Analysis 3
Total Credits 6

Three Additional Courses
Select three additional courses from the following: 9

SYST 210 Systems Design
SYST 220 Dynamical Systems I
& SYST 221 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 Human Computer Interaction
or SYST 470 Human Factors Engineering
OR 335 Discrete Systems Modeling and Simulation
OR/MATH 441 Deterministic Operations Research
OR/MATH 442 Stochastic Operations Research
OR 481 Numerical Methods in Engineering
or MATH 446 Numerical Analysis I

Total Credits 9

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