

# SYSTEMS AND CONTROL ENGINEERING, MINOR

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## Program Overview

The systems and control engineering minor equips students with fundamental skills in signal analysis, control, and simulation.

## Undergraduate Policies

For undergraduate policies and procedures, please review the Undergraduate Academics section of the General Bulletin.

## Program Requirements

A total of five courses are required to obtain a minor in systems and control engineering. This includes:

Code	Title	Hours
<b>Required Courses:</b>		
ECSE 246	Signals and Systems	4
<i>Choose three of the following:</i> <sup>a</sup>		9
ECSE 304/305	Control Engineering I with Laboratory	
ECSE 324	Modeling and Simulation of Continuous Dynamical Systems	
ECSE 346	Engineering Optimization	
ECSE 352	Engineering Economics and Decision Analysis	
<i>Choose one of the following:</i>		3
ECSE 313	Signal Processing	
ECSE 351	Communications and Signal Analysis	
ECSE 354	Digital Communications	
<b>Total Hours</b>		<b>16</b>

<sup>a</sup> Chosen in consultation with the program advisor.