

Graduate Certificate in Control Systems

Admission

Students seeking this certificate must be admitted to the Graduate School in a degree program or in nondegree status. All Graduate School policies relative to admissions apply. This certificate may be obtained concurrently while pursuing a graduate degree.

Students admitted to the program must have a BS degree in engineering. The program is also available to students with other degrees that have experience in control systems. Depending on an individual student's background, some of the certificate courses may require additional prerequisites.

Program Requirements

The certificate requires the completion of 12 credit hours from a selected list of courses. A cumulative graduate grade point average of at least 3.000 must be maintained for all courses comprising the certificate program and no grades below C. In addition to these requirements, students must meet the Graduate School's requirements (<http://catalog.wichita.edu/graduate/academic-information/types-programs-courses/certificate-residency-badge-programs/>) in order to earn this certificate.

Course	Title	Hours
Required Courses		
ECE 792	Linear Systems	3
Electives		
Select three courses from the following		9
ECE 754	Probabilistic Methods in Systems	
ECE 784	Digital Control Systems	
ECE 884	Stochastic Controls	
ECE 885	Robust Control Systems	
ECE 893	Optimal Control	
AE 759	Neural Networks for System Modeling and Control	
Total Credit Hours		12