

Graduate Certificate in Data-Centric Modern Communications

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 math, physics or computer science. 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 the 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 726 | Digital Communications Systems I | 3 |
| ECE 754 | Probabilistic Methods in Systems | 3 |
| ECE 777AC | Data-Driven Decisions in Cyber-Physical Systems | 3 |
| ECE 826 | Digital Communication Systems II | 3 |
| Total Credit Hours | | 12 |