Degree Overview

The PhD in Electrical Engineering and Computer Science is a degree designed mainly for students interested in pursuing an academic and/or industrial research and development career in a specialization offered by the department. The department offers research opportunities in several areas of specialization, such as Control Systems, Communications & Signal Processing, Energy & Power Systems, Computer Networking, Computer Systems & Architecture, and Algorithms & Software Systems.

The program normally contains at least 30 hours of post-master's graduate course work and a formal dissertation reporting on original research. A doctoral student must pass a comprehensive examination, a dissertation approval exam, and a final oral presentation and defense of the dissertation.

Admission Requirements

Admission to this PhD program requires completion of a master's degree in Electrical Engineering, Computer Science, or a related field, with a graduate GPA of at least 3.25. Applicants with a master’s degree in another area may be admitted with a condition that they take some additional background deficiency courses. GRE General test scores are required, with a combined score of at least 301 in the verbal and quantitative reasoning sections.

The process of applying to the program and other eligibility criteria, such as TOEFL/IELTS requirement for international students, are the same as those already established by the Graduate School of the Wichita State University.