Electrical Engineering (Ph.D.)

Admission Requirements

Admission to these programs is contingent upon admission to the Graduate School (http://bulletins.wayne.edu/graduate/general-information/admission). Applicants must have an overall grade point average of 3.6 in a Master of Science degree program. It is possible for outstanding students to enter the Ph.D program with only a Bachelor of Science degree. All applicants whose B.S. degree is not from an ABET-accredited college or university are required to submit additional, pertinent information including GRE scores, publications and/or inventions.

Candidates for the doctoral degree must complete ninety credits beyond the bachelor’s degree, including thirty credits of dissertation direction. The thirty credit dissertation registration requirement is fulfilled by registering for the courses ECE 9991, ECE 9992, ECE 9993, and ECE 9994 (Doctoral Dissertation Research and Direction I, II, III, and IV, respectively), in consecutive academic year semesters. A minimum of thirty credits must be earned in courses numbered 7000 and above. Credits accrued in a Master of Science degree program may be applied as part of the doctoral requirements. A written Ph.D. preliminary examination should be taken within the first two semesters of residency as a Ph.D. applicant. A written and oral Ph.D. qualifying examination to attain doctoral candidacy is given after completion of most of the course work at a time recommended by the candidate's advisor. (All graduate students are required to register for dissertation credits for any semester in which they utilize campus facilities or are under faculty supervision.) All course work must be completed in accordance with the regulations of the Graduate School (http://bulletins.wayne.edu/graduate/general-information/academic-regulations) and the College of Engineering (http://bulletins.wayne.edu/graduate/college-engineering/academic-regulations). For additional information, students should consult the Graduate School's regulations (http://bulletins.wayne.edu/graduate/general-information/degree-certificate-requirements/#doctoraldegreesphdtext) governing doctoral study.