

ELECTRICAL ENGINEERING (PH.D.)

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 (<http://bulletins.wayne.edu/search/?P=ECE%209991>), ECE 9992 (<http://bulletins.wayne.edu/search/?P=ECE%209992>), ECE 9993 (<http://bulletins.wayne.edu/search/?P=ECE%209993>), and ECE 9994 (<http://bulletins.wayne.edu/search/?P=ECE%209994>) (Doctoral Dissertation Research and Direction I, II, III, and IV, respectively), in consecutive academic year semesters. The division of these credits includes 60 credits of pre-candidacy coursework, and 30 credits of dissertation research. Students are required to complete a preliminary exam, prospectus exam, and a public defense of a doctoral dissertation, completed with a research advisor. Students entering the program with an MS degree may transfer up to 30 credits towards pre-candidacy coursework. Details about degree requirements and course curriculum may be found on the department's website (<https://engineering.wayne.edu/ece/programs/phd.php>).

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.