

RELIABILITY ENGINEERING, DOCTOR OF PHILOSOPHY (PH.D.)

Doctoral students compile a program of study with their advisor, which is then submitted to the Graduate Studies Office of the Department of Reliability Engineering for approval. This should be submitted in the first semester of study. Students must complete 36 credits of courses with at least 30 credits at the 600 level or above, including the required courses for the M.S. degree (ENRE600 and ENRE602) with a minimum 3.0 GPA overall.

Advance to Candidacy: After completion of the two core courses and two additional electives with a minimum GPA of 3.5, students must successfully pass a qualifying exam, as well as present a Dissertation Topic Proposal. The proposal should be completed within two semesters of passing the qualifying exam

Post-Candidacy: Complete at least 12 credits of ENRE899 Doctoral Dissertation Research and successfully defend and submit a dissertation on an original research topic.

Course	Title	Credits
Required courses:		
ENRE600	Fundamentals of Failure Mechanisms	3
ENRE602	Principles of Reliability Analysis	3
Select 30 credits of additional courses		30
Dissertation Research Requirements		
ENRE899	Doctoral Dissertation Research	12
Total Credits		48