

# ELECTRICAL AND COMPUTER ENGINEERING, DOCTOR OF PHILOSOPHY (PH.D.)

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**Advance to Candidacy:** In addition to the course requirements below, students must satisfy a Ph.D. qualifying requirement as well as pass an oral Ph.D. research proposal examination.

**Post-Candidacy:** Students must complete at least 12 credits of ENEE899 Doctoral Dissertation Research as well as successfully defend and submit an original dissertation. For more details, see the ECE Graduate Handbook (<http://www.ece.umd.edu/handbook/>).

Course	Title	Credits
Graduate Technical courses <sup>1</sup>		18
ENEE698	Graduate Seminar	3
Two approved non-ENEE lecture courses		6
Remainder of coursework <sup>2</sup>		9
<b>Doctoral Dissertation Research Requirement</b>		
ENEE899	Doctoral Dissertation Research	12
<b>Total Credits</b>		<b>48</b>

<sup>1</sup> Complete six ENEE lecture courses. These courses must be at the 600 level or above, not including ENEE698, ENEE699, ENEE799, ENEE898, and ENEE899.

<sup>2</sup> A maximum of six credits of ENEE699 and ENEE799 combined may be included.