

# PH.D. IN ELECTRICAL ENGINEERING

## Requirements Effective Fall 2024

Code	Title	Credits
<b>M.S. EARNED</b>		
M.S. Degree		30
<b>Regular Coursework</b> <sup>1, 2, 3</sup>		<b>9-18</b>
Any regular course approved by advisor and graduate committee		
CS 5XX Any CS course at the 500-level (excluding courses numbered 582-599)		
CS 6XX Any CS course at the 600-level (excluding courses numbered 682-699)		
ECE 5XX Any ECE course at the 500-level (excluding courses numbered 582-599)		
ECE 6XX Any ECE course at the 600-level (excluding courses numbered 682-699)		
ECE 7XX Any ECE course at the 700-level (excluding courses numbered 782-799)		
MATH 5XX Any MATH course at the 500-level (excluding courses numbered 582-599)		
MATH 6XX Any MATH course at the 600-level (excluding courses numbered 682-699)		
MATH 7XX Any MATH course at the 700-level (excluding courses numbered 782-799)		
PH 5XX Any PH course at the 500-level (excluding courses numbered 582-599)		
PH 6XX Any PH course at the 600-level (excluding courses numbered 682-699)		
PH 7XX Any PH course at the 700-level (excluding courses numbered 782-799)		
ECE 799	Dissertation	24-33
<b>Program Total Credits:</b>		<b>72</b>

A minimum of 72 credits are required to complete this program.

<sup>1</sup> Courses not accepted as regular include all courses ending in the range -82 through -99.

<sup>2</sup> All coursework must be 500-level or higher. No 400-level coursework is permitted.

<sup>3</sup> Students who have two or more papers accepted for publication in peer-reviewed journals or peer review conference proceedings may petition their Graduate Committee to approve an "Independent Study" (ECE 795) course to replace 3 credits of the required 9 credits of regular course work.

CS 4XX Any CS course at the 400-level (excluding courses numbered 482-499)		
CS 5XX Any CS course at the 500-level (excluding courses numbered 582-599)		
CS 6XX Any CS course at the 600-level (excluding courses numbered 682-699)		
ECE 4XX Any ECE course at the 400-level (excluding courses numbered 482-499)		
ECE 5XX Any ECE course at the 500-level (excluding courses numbered 582-599)		
ECE 6XX Any ECE course at the 600-level (excluding courses numbered 682-699)		
ECE 7XX Any ECE course at the 700-level (excluding courses numbered 782-799)		
MATH 4XX Any MATH course at the 400-level (excluding courses numbered 482-499)		
MATH 5XX Any MATH course at the 500-level (excluding courses numbered 582-599)		
MATH 6XX Any MATH course at the 600-level (excluding courses numbered 682-699)		
MATH 7XX Any MATH course at the 700-level (excluding courses numbered 782-799)		
PH 4XX Any PH course at the 400-level (excluding courses numbered 482-499)		
PH 5XX Any PH course at the 500-level (excluding courses numbered 582-599)		
PH 6XX Any PH course at the 600-level (excluding courses numbered 682-699)		
PH 7XX Any PH course at the 700-level (excluding courses numbered 782-799)		
ECE 799	Dissertation <sup>4</sup>	33-42
or ECE 699	Thesis	

**Program Total Credits:** **72**

A minimum of 72 credits are required to complete this program.

<sup>1</sup> Courses not accepted as regular include all courses ending in the range -82 through -99.

<sup>2</sup> A maximum of 8 credit hours of 400-level undergraduate coursework will be counted to the degree. Remaining credits must be in 500-level or higher courses.

<sup>3</sup> Students who have two or more papers accepted for publication in peer-reviewed journals or peer review conference proceedings may petition their Graduate Committee to approve an "Independent Study" (ECE 795) course to replace 3 credits of the minimum required 30 credits of regular course work.

<sup>4</sup> Students may take a combination of ECE 699/ECE 799.

Code	Title	Credits
<b>NO M.S. EARNED</b>		
<b>Regular Coursework</b> <sup>1, 2, 3</sup>		<b>30-39</b>
Any regular course approved by advisor and graduate committee		