

**REQUIREMENTS FOR THE DOCTOR OF PHILOSOPHY**  
**GALLOGLY COLLEGE OF ENGINEERING**  
**THE UNIVERSITY OF OKLAHOMA**

Academic Year
For Students Entering the Oklahoma State System for Higher Education Summer 2024 through Spring 2025

General Requirements
Minimum Total Hours ..... 90

Program
Engineering: Engineering Education D370 R230 Doctor of Philosophy

**PROGRAM REQUIREMENTS**

Code	Title	Credit Hours
<b>Engineering Education Core Requirements</b>		
ENGR 5213	Foundations of Engineering Education	3
ENGR 5223	Curriculum Design, Delivery and Assessment	3
<i>Qualitative Research Methods: Choose one of the following courses</i>		3
EIPT 6043	Qualitative Research Methods	
COMM 5313	Qualitative Research Methods	
SOC 5313	Qualitative Research Methods	
<i>Quantitative Research Methods: Choose one of the following courses</i>		3
ISE 5553	Data-Driven Decision Making I	
ISE 5853	Data-Driven Decision Making II	
PSY 5013	Psychological Statistics II	
<i>Advanced Research Methods: Choose one of the following courses</i>		3
EIPT 6083	Qualitative Research Methods II	
PSY 6073	Experimental Design for Psychology	
EIPT 6223	Mixed-Methods Research	
<i>Instructional Theory</i>		
EDSC 5523	Learning Theories and Their Implications for Teaching and Scholarship	3
<i>Additional Coursework <sup>1</sup></i>		30-42
<b>Dissertation Research</b>		
ENGR 6980	Research for Doctoral Dissertation	30-42
<b>Total Credit Hours</b>		<b>90</b>

<sup>1</sup> As defined by the student's doctoral advisory conference.

**COURSEWORK REQUIREMENTS**

- The program requires satisfactory completion of at least 48 credit hours beyond the baccalaureate degree for a total of 90 credit hours.
- The program can include an earned M.S. degree up to 30 hours.
- The program requires a maximum of 9 hours of special projects, guided individual studies, or other non-competitively graded courses. The program allows no more than 6 M.S. thesis research hours.
- The program requires a minimum of 5000-level or above letter graded engineering courses beyond the earned M.S. degree. ENGR 5213, ENGR 5223, ISE 5553, ISE 5853 may count toward this requirement.

**GENERAL REQUIREMENTS FOR DOCTORAL DEGREES**

A student should expect to spend at least the equivalent of three full academic years beyond the bachelor's degree to obtain the doctoral degree. During this period the student will take appropriate graduate coursework, successfully complete the general examination, and successfully defend and submit the final dissertation.

All coursework applied to the doctoral degree must carry graduate credit.

The doctoral degree requires at least 90 post-baccalaureate hours, including both formal coursework and hours of research.

The minimum hour requirement for a specific doctoral degree program cannot be waived.

No more than one-half of the credit hours, both OU and overall, excluding Research for Doctoral Dissertation (6980), may be S/U-graded coursework.

The student must be in residence at OU for at least two consecutive 16-week semesters during the pursuit of the doctoral degree while enrolled and engaged in coursework or research activities as prescribed by the major academic unit.

For more detailed regulations and requirements for Doctoral degrees, please consult the Graduate College Bulletin: <http://www.ou.edu/gradcollege/forms/bulletin>

More information in the catalog: (<http://ou-public.courseleaf.com/gallogly-engineering/college-engineering-administrated-programs/engineering-engineering-education-doctor-philosophy/>).