

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

Academic Year	General Requirements	Program
For Students Entering the Oklahoma State System for Higher Education Summer 2024 through Spring 2025	Minimum Total Hours ..... 90	Chemical Engineering D160 Doctor of Philosophy

**Minimum Total Hours:** 90

**Program Code:** D160

## Program Requirements

Code	Title	Credit Hours
<b>Core (12 hours)</b>		
CH E 5183	Graduate Transport Phenomena	3
CH E 5523	Advanced Mathematical Methods in Science and Engineering	3
CH E 5843	Advanced Chemical Engineering Thermodynamics	3
CH E 6723	Advanced Kinetics and Reaction Engineering	3
<b>Electives (18 hours)</b>		
Must include a minimum of 5 hours of advanced CH E courses and a minimum of 9 hours advanced science, math, engineering or technical courses; as approved by the advisory conference committee and graduate liaison		18
<b>Research Seminars (4-8 hours)</b>		
CH E 5971	Seminar in Chemical Engineering Research (1 credit per semester, minimum 4 hours and maximum 8 hours)	4-8
<b>Dissertation Research (46-56 hours)</b>		
CH E 6980	Research for Doctoral Dissertation	46-56
<b>Additional Coursework (0-10 hours)</b>		
As necessary to reach 90 post-baccalaureate hours, as approved by the student's advisory conference committee		0-10
<b>Total Credit Hours</b>		<b>90</b>

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/chemical-biological-materials-engineering/chemical-engineering-doctor-philosophy/>).

## 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.