

# CHEMISTRY, PHD

## Requirements for Students Matriculating in or before Academic Year

2022-2023. Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

**Total Hours:** 90

Code	Title	Hours
<b>Core Courses</b>		
CHEM 5001	Introduction to Chemistry Research	1
CHEM 5000	Thesis	6
CHEM 5011	Graduate Seminar	1
CHEM 6010	Research Seminar	7
CHEM 6011	Advanced Seminar	1
<b>Hours Subtotal</b>		<b>16</b>
<b>Electives</b>		
Select 20 hours from the following:		20
CHEM 5053	Foundations of Physical Chemistry	
CHEM 5063	Foundations of Organic Chemistry	
CHEM 5073	Foundations of Analytical Chemistry	
CHEM 5263	Foundations of Inorganic Chemistry	
CHEM 5103	Physical and Chemical Separations	
CHEM 5223	Polymer Chemistry	
CHEM 5373	Spectrometric Identification of Organic Compounds	
CHEM 5443	Mechanism and Structure in Organic Chemistry	
CHEM 5563	Chemical Thermodynamics I	
CHEM 5963	Advanced Inorganic Chemistry	
CHEM 6103	Electroanalytical Chemistry	
CHEM 6223	Physical Polymer Science	
CHEM 6420	Special Topics in Organic Chemistry	
CHEM 6650	Selected Topics in Chemistry	
<b>Hours Subtotal</b>		<b>20</b>
<b>Dissertation</b>		
Fifty-four hours from:		54
CHEM 6000	Doctoral Dissertation Research	
<b>Hours Subtotal</b>		<b>54</b>
<b>Total Hours</b>		<b>90</b>

## Graduate College Doctor of Philosophy (PhD) Requirements

Learn more about Graduate College 2022-2023 Doctor of Philosophy (PhD) Degree Program Requirements (<http://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.