CHEMISTRY, PHD

Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college).

Total Hours: 90 Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHEM 5001</td>
<td>Introduction to Chemistry Research</td>
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<tr>
<td>CHEM 5000</td>
<td>Thesis</td>
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<td>CHEM 5011</td>
<td>Graduate Seminar</td>
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<td>CHEM 6010</td>
<td>Research Seminar</td>
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<td>CHEM 6011</td>
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Electives
Select 20 hours from the following:

- 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 Advanced Physical and Inorganic Chemistry

| Hours Subtotal | 20 |

Dissertation

- CHEM 6000 Doctoral Dissertation Research (offered for variable credit, 1-15 credit hours, maximum of 60 credit hours) 54

| Hours Subtotal | 54 |

Total Hours 90

General Graduate College Requirements

- A minimum Grade-Point-Average of 3.00 is required
- A minimum Grade of "C" is required in all degree applicable courses
- No courses utilizing the Pass-No Pass grading system are permitted
- GRAD 5082 or GRAD 5092 may not be used to meet degree requirements
- At least seventy-five percent of coursework on the Plan of Study must include 5000 and 6000 level courses
- A minimum of 15 hours at the 6000 level with a grade of SR for the doctoral dissertation must be complete. The maximum number of dissertation hours (6000 with a grade of SR) permissible on a Plan of Study must not exceed three-fourths of the total credit hours in the approved graduate degree program
- Credit for all courses on a graduate Plan of Study must have been awarded within 10 years of completion of all degree requirements
- A minimum of 30 in-residence credit hours are required
- Non-Course requirements:
  - Doctoral Candidacy
  - Dissertation Defense
  - Dissertation Submission/Approval

Additional Doctor of Philosophy (PhD.) Requirements

- 90 credits beyond the Bachelor’s degree, 60 credits beyond the Master’s degree are required