# Forensic Sciences, PhD

## Requirements for Students Matriculating in or before Academic Year 2023-2024

Learn more about Graduate College Academic Regulation 7.0 ([http://catalog.okstate.edu/graduate-college/#70](http://catalog.okstate.edu/graduate-college/#70)).

**Total Hours:** 60

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>FRNS 5743</td>
<td>Forensic Science Seminar</td>
<td>3</td>
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<tr>
<td>FRNS 6083</td>
<td>Advanced Forensic Statistics</td>
<td>3</td>
</tr>
<tr>
<td>FRNS 6723</td>
<td>Research Design and Methods</td>
<td>3</td>
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<tr>
<td>Per faculty advisor's recommendation, six hours of directed electives.</td>
<td>6</td>
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**Hours Subtotal:** 15

**Dissertation**

Fifteen to forty-five (15-45) hours from:

- FRNS 6000 Doctoral Dissertation: 15-45

**Hours Subtotal:** 15-45

**Electives**

- FRNS 5013 Survey of Forensic Sciences: 0-30
- FRNS 5023 Questioned Document Examination
- FRNS 5033 Theory and Practice of Forensic Handwriting Examination
- FRNS 5043 Technical Aspects of Forensic Document Examination
- FRNS 5053 The Historical Aspects of Forensic Document Examination
- FRNS 5063 Ethical Research and Scientific Writing
- FRNS 5073 Quality Assurance in Forensic Science
- FRNS 5083 Ethics in Forensic Leadership
- FRNS 5090 Internship in Forensic Sciences
- FRNS 5093 Scientific Writing and Presentation Skills
- FRNS 5103 The Chemistry of Pyrotechnics
- FRNS 5113 The Chemistry of Explosives
- FRNS 5123 Fire Dynamics in Forensic Investigations
- FRNS 5133 Ordnance Identification and Recognition
- FRNS 5143 Methods in Fire and Explosion Investigation NFPA 921/1033
- FRNS 5153 Explosives Research, Testing and Evaluation Methods
- FRNS 5183 Computer Fire Modeling
- FRNS 5213 Molecular Biology for the Forensic Scientist
- FRNS 5242 Population Genetics for the Forensic Scientist
- FRNS 5282 Methods in Forensic Sciences
- FRNS 5323 Forensic Microbiology
- FRNS 5413 Forensic Pathology and Medicine
- FRNS 5422 Forensic Osteology and Anthropology
- FRNS 5423 Blast Injuries and Effects
- FRNS 5443 Interdisciplinary Post Blast Investigation
- FRNS 5513 Forensic Bioscience
- FRNS 5523 Forensic Toxicology
- FRNS 5533 Drug Toxicity
- FRNS 5543 Advanced Forensic Toxicology
- FRNS 5613 Criminalistics and Evidence Analysis
- FRNS 5622 Crime Scene Laboratory and Moot Court Experience
- FRNS 5653 The Law and Expert Evidence
- FRNS 5663 Destructive Devices/Explosives: Law and Regulations
- FRNS 5673 Intelligence for Forensic Investigators
- FRNS 5683 Digital and Multimedia Evidence for Investigators
- FRNS 5713 Forensic Psychology
- FRNS 5723 Advanced Forensic Psychology
- FRNS 5733 Forensic Victimology
- FRNS 5753 Criminal Profiling
- FRNS 5803 Circuit Exploitation of Destructive Devices
- FRNS 5813 Building Construction and Fire/Explosion Forensic Examination
- FRNS 5823 Forensic Examination of Fire Protection Systems
- FRNS 5833 Identification of Destructive Device Fuzing Systems
- FRNS 5853 Electrical Theory and Failure Analysis in Forensic Fire Investigations
- FRNS 5873 Firearms and Toolmarks
- FRNS 5913 Forensic Accounting and Fraud Investigation
- FRNS 5943 Forensic Management and Organizational Development
- FRNS 5960 Forensic Problem Solving through Applied Research
- FRNS 5963 Forensic Statistics
- FRNS 5970 Directed Readings in Forensic Sciences
- FRNS 5990 Special Topics in Forensic Sciences
- FRNS 6083 Advanced Forensic Statistics
- FRNS 6123 Advanced Fire Dynamics
- FRNS 6173 Advanced Explosion Investigation
- FRNS 6183 Advanced Computer Fire Modeling
- FRNS 6243 Historical Evolution of Forensic Genetics
- FRNS 6423 Advanced Blast Injuries and Effects
- FRNS 6513 Advanced Methods in Forensic Genetics
- FRNS 6713 Applied Forensic Theory
- FRNS 6723 Research Design and Methods
- FRNS 6733 Juvenile Issues in Forensic Sciences
- FRNS 6800 Critical Readings in Forensic Sciences
- FRNS 6843 Advanced Destructive Device Circuit Exploitation
- FRNS 6853 Advanced Electrical Theory and Failure Analysis in Forensic Fire Investigations
- FRNS 6903 Advanced Forensic Examination of Firearms
- FRNS 6923 RCIED - Advanced Analysis and Mitigation
- FRNS 6990 Advanced Special Topics in Forensic Sciences
<table>
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<th>Hours Subtotal</th>
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<td>Total Hours</td>
<td>60</td>
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1
Elective hours based on hours needed to supplement less Dissertation hours.

**Graduate College Doctor of Philosophy (PhD) Requirements**

Learn more about Graduate College 2023-2024 Doctor of Philosophy (PhD) Degree Program Requirements ([http://catalog.okstate.edu/graduate-college/](http://catalog.okstate.edu/graduate-college/)). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.