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).

Total Hours: 60

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<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>
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Per faculty advisor’s recommendation, six hours of directed electives.

Hours Subtotal: 15

Dissertation ¹

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

FRNS 6000 Doctoral Dissertation

Hours Subtotal: 15-45

Electives ¹

FRNS 5013 Survey of Forensic Sciences
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 Essential Science for Explosive Operators
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 Behavioral Analysis
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 Interdisciplinary Post Blast 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 6517 Advanced Methodology
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
Forensic Sciences, PhD

<table>
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<tr>
<th>FRNS 6990</th>
<th>Advanced Special Topics in Forensic Sciences</th>
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<td><strong>Hours Subtotal</strong></td>
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<td><strong>Total Hours</strong></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 [here](http://catalog.okstate.edu/graduate-college/). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.