**FORENSIC SCIENCES, PHD**

Requirements for Students Matriculating in or before Academic Year 2023-2024. Learn more about Graduate College Academic Regulation 7.0 ([link](http://catalog.okstate.edu/graduate-college/#70)).

Total Hours: 60

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<th>Code</th>
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<td>Degree Core</td>
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<td>FRNS 5743</td>
<td>Forensic Science Seminar</td>
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<tr>
<td>FRNS 6083</td>
<td>Advanced Forensic Statistics</td>
<td>3</td>
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<tr>
<td>FRNS 6723</td>
<td>Research Design and Methods</td>
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<td>Per faculty advisor’s recommendation, six hours of directed electives.</td>
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**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** 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
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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.