FORENSIC SCIENCE INSTITUTE

ACADEMIC DEGREE PROGRAMS
Dr. Dwight E. Adams, Director

The names of graduate program advisors appear on the program degree sheets on the following pages. At the graduate level, the Forensic Science Institute awards the following degrees:

**Master of Science (M.S.)**
- Forensic Science
  - Forensic Science
  - Forensic Science - Chemistry
  - Forensic Science - Digital Forensics
  - Forensic Science - Molecular Biology

The Forensic Science Institute is devoted to academic excellence, through a unique multidisciplinary program, that provides outstanding educational, research, and professional training opportunities for practicing professionals and both undergraduate and graduate students. The Forensic Science Institute is a comprehensive training and research organization in all aspects of evidence collection, preservation, analysis, reporting and testimony. The Institute will promote leadership, character, and public service throughout all training events.
Forensic Science, M.S.
The M.S. Forensic Science degree is a research-oriented, graduate degree program. Students must complete a minimum of 36 hours of graduate level work, including a core of 15 hours, six hours of thesis research or three hours of graduate capstone, and a minimum of 15 to 18 hours of electives in their major area.

Graduate Advisor: Dr. John Mabry
Email: jmabry1@uco.edu
Office: FSI 110H
Phone: (405) 974 - 6913

Admission Requirements
Submit the following items to:
Jackson College of Graduate Studies
100 N. University Drive, NUC 404
Edmond, OK 73034

Application deadline is April 15.

Admission into the Graduate Forensic Science Program is for the Fall semester only. Priority Admission will be considered for completed applications received in the Forensic Science Institute by April 15. Regular Admission will be considered after April 15, but before the first day of school in the Fall semester or until capacity is reached.

• Online application for admission (www.uco.edu/graduate/).
• Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  ◦ A minimum of 3.0 overall undergraduate GPA.
  ◦ Completion of nine undergraduate hours and other prerequisites (if any), as determined by the graduate program advisor: FRSC 3043, STAT 2103, and FRSC 2503. These courses may be completed during the first year of graduate school at UCO.

Applications for the Graduate Forensic Science Program will be reviewed by the Forensic Science Institute. Applicants should submit one or more of the requirements below to be considered for admission:
• Graduate Record Examination (GRE) scores. A GRE score with a preferred minimum 50th percentile ranking (quantitative + verbal sections).
• Sufficient professional experience (2+ years) in Forensic Science or similar field.
• Scholastic achievement at the undergraduate level with a 3.5 GPA or above in a relevant degree program.

A one-page description of an area of interest in Forensic Science research should be submitted with the application material.
*Students falling below these standards may qualify for conditional admission. See Admissions to Graduate Studies. (p.13).

Other Requirements
• Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies (JCGS) by the end of the first semester during which they complete their twelfth hour of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
• Academic Standards. Meet the following course work standards:
  ◦ Overall GPA of 3.00 or higher.
  ◦ No more than six hours of "C".
  ◦ No more than six advisor-approved hours from traditional correspondence courses.
• Thesis or Capstone Project. Enroll in six hours of Thesis (FRSC 5990) and complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis' title page, original signature page, summary and abstract page, summary and abstract page to the JCGS or enroll in three hours of Graduate Capstone (FRSC 5930) plus an additional three hour guided elective.
• Final Requirements. Apply for graduation through the JCGS by advertising deadline.

Graduation Requirements
Required Courses................................................18 or 21 Hours
(18 hours — Capstone; 21 hours — Thesis option)

<table>
<thead>
<tr>
<th>Course Prefix</th>
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<tbody>
<tr>
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<td>5253</td>
<td>Forensic Science Analysis &amp; Lab</td>
</tr>
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<td>5863</td>
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<td>Professional Issues in Forensic Science</td>
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<tr>
<td>FRSC</td>
<td>5930</td>
<td>Graduate Capstone (3 hours) OR</td>
</tr>
<tr>
<td>FRSC</td>
<td>5990</td>
<td>Thesis (6 hours)</td>
</tr>
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Guided Electives...............................................15 or 18 Hours
Complete a minimum of 15 hours from the following list or others as approved by the student’s major professor and thesis committee for the Thesis option or 18 hours for the Capstone option.

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<td>FRSC</td>
<td>5153</td>
<td>Crime Scene Photography</td>
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<td>5163</td>
<td>Medicolegal Forensics</td>
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<td>FRSC</td>
<td>5223</td>
<td>Behavior and Crime Scenes</td>
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<td>FRSC</td>
<td>5233</td>
<td>Forensic Interviewing Techniques</td>
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<td>FRSC</td>
<td>5243</td>
<td>Forensic Psychology</td>
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<td>FRSC</td>
<td>5263</td>
<td>Forensic &amp; Biological Anthropology</td>
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<td>FRSC</td>
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<td>Fingerprint Classification</td>
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<td>FRSC</td>
<td>5303</td>
<td>Forensic Archaeology</td>
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<td>FRSC</td>
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<td>Forensic Pathology</td>
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<tr>
<td>FRSC</td>
<td>5323</td>
<td>Forensic Toxicology &amp; Lab</td>
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Program: Forensic Science
Major: Forensic Science continued

FRSC 5333 Forensic Molecular Biology & Lab
FRSC 5343 Forensic Serology & Lab
FRSC 5353 Firearm and Toolmark Analysis
FRSC 5373 Cold Case Review and Analysis
FRSC 5413 Bloodstain Pattern Analysis
FRSC 5423 Bloodstain Pattern Analysis II
FRSC 5443 Forensic Arson Investigation
FRSC 5463 Digital Forensics & Lab
FRSC 5513 Forensic Chemistry and Lab
FRSC 5533 Forensic Microscopy & Lab
FRSC 5543 Advanced Firearm and Toolmark & Lab
FRSC 5553 WMD Forensics

Guided Electives continued

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<td>Digital Forensics Tools and Analysis &amp; Lab</td>
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<td>5653</td>
<td>Mobile Device Forensics &amp; Lab</td>
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<tr>
<td>FRSC</td>
<td>5673</td>
<td>Network Forensics &amp; Lab</td>
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<td>FRSC</td>
<td>5713</td>
<td>Forensic Pharmacology</td>
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<td>FRSC</td>
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<td>Ethics and Professional Development</td>
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<td>Individual Study</td>
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<td>Field Study in Forensic Science</td>
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<td>Internship</td>
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<td>Institute in Forensic Science</td>
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<td>FRSC</td>
<td>5970</td>
<td>Study Tour</td>
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TOTAL HOURS REQUIRED ....................................... 36 HOURS
Forensic Science — Chemistry, M.S.
The M.S. Forensic Science - Chemistry degree is a research-oriented, graduate degree program. Students must complete a minimum of 36 hours of graduate level work, including a core of 30 hours and six hours of thesis research or three hours of graduate capstone plus an additional three hour guided elective.

Graduate Advisor: Dr. John Mabry
Email: jmabry1@uco.edu
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  - A bachelor’s degree in forensic science or natural science is required.
  - A minimum of 3.0 overall undergraduate GPA.
  - Completion of nine undergraduate hours and other prerequisites (if any), as determined by the graduate program advisor: FRSC 3043, STAT 2103, and FRSC 2503. These courses may be completed during the first year of graduate school at UCO.

Applications for the Graduate Forensic Science Program will be reviewed by the Forensic Science Institute. Applicants should submit one or more of the requirements below to be considered for admission:
- Graduate Record Examination (GRE) scores. A GRE score with a preferred minimum 50th percentile ranking (quantitative + verbal sections).
- Sufficient professional experience (2+ years) in Forensic Science -Chemistry or similar field.
- Scholastic achievement at the undergraduate level with a 3.5 GPA or above in a relevant major to include Forensic Science -Chemistry, Chemistry, Biochemistry or similar degree.

A one-page description of an area of interest in Forensic Science research should be submitted with the application material.

*Students falling below these standards may qualify for conditional admission. See Admissions to Graduate Studies (p.13).

Other Requirements
- Plan of Study. Each student must file a plan of study with his/her graduate program advisor and the Jackson College of Graduate Studies (JCGS) by the end of the first semester during which they complete their twelfth hour of graduate work. The plan must be signed and dated by the student and the graduate program advisor before it can be considered official.
  - Academic Standards. Meet the following course work standards:
    - Overall GPA of 3.00 or higher.
    - No more than six hours of “C”
    - No more than six advisor-approved hours from traditional correspondence courses.
  - Completion of 36 credit hours
  - Thesis or Capstone Project. Enroll in six hours of Thesis (FRSC 5990) and complete an acceptable thesis and successfully defend it in public, two paper copies of the thesis and one electronic copy to the library through Proquest and the thesis’ title page, original signature page, summary and abstract page to the JCGS or enroll in three hours of Graduate Capstone (FRSC 5930) plus an additional three hour guided elective.
  - Final Requirements. Apply for graduation through the JCGS by advertising deadline.

Graduation Requirements
Required Courses…………………………33 or 36 Hours
(33 hours — Capstone; 36 hours — Thesis option)

Guided Electives ……………………………0 or 3 Hours
(3 hours — Capstone; 0 hours — Thesis option)

TOTAL HOURS REQUIRED ……………………..36 HOURS
Forensic Science — Digital Forensics, M.S.
The M.S. Forensic Science - Digital Forensics degree is a research-oriented, graduate degree program. Students must complete a minimum of 36 hours of graduate level work, including a core of 30 hours and six hours of thesis research or three hours of graduate capstone plus an additional three hour guided elective.

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• Official copies of undergraduate and graduate transcripts from each institution attended with all degrees posted. All transcripts must be from accredited institutions. Undergraduate transcripts must show:
  ◦ A bachelor’s degree in Forensic Science, Natural Science, Management Information Systems, Software Engineering, or similar degree.
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  ◦ Completion of nine undergraduate hours and other prerequisites (if any), as determined by the graduate program advisor: FRSC 3043, STAT 2103, and FRSC 2503. These courses may be completed during the first year of graduate college at UCO.

Applications for the Graduate Forensic Science Program will be reviewed by the Forensic Science Institute. Applicants should submit one or more of the requirements below to be considered for admission:
• Graduate Record Examination (GRE) scores. A GRE score with a preferred minimum 50th percentile ranking (quantitative + verbal sections).
• Sufficient professional experience (2+ years) in Digital Forensics/Information Security or similar field.
• Scholastic achievement at the undergraduate level with a 3.5 GPA or above in a relevant degree program.

A one-page description of an area of interest in Forensic Science research should be submitted with the application material.
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• Completion of 36 credit hours
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Graduation Requirements
Required Courses ........................................ 30 or 33 Hours
(30 hours — Capstone; 33 hours — Thesis option)

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Guided Electives ........................................ 3 or 6 Hours
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<td>FRSC</td>
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  ◦ A minimum of 3.0 overall undergraduate GPA.
  ◦ Completion of nine undergraduate hours and other prerequisites (if any), as determined by the graduate program advisor: FRSC 3043, STAT 2103, and FRSC 2503. These courses may be completed during the first year of graduate college at UCO. In addition, in order to meet the FBI Quality Assurance Standards for Forensic DNA Testing Laboratories, students will be required to complete (if not already completed) course work in Genetics and Biochemistry.
  ◦ Graduate Record Examination (GRE) scores. A GRE score with a preferred minimum 50th percentile ranking (quantitative + verbal sections).
  ◦ Sufficient professional experience (2+ years) in Forensic Science -Molecular Biology or similar field.
  ◦ Scholastic achievement at the undergraduate level with a 3.5 GPA or above in a relevant major to include Forensic Science -Molecular Biology, Biology, Biochemistry or similar degree.

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(33 hours — Capstone; 36 hours — Thesis option)

Graduation Requirements
Guided Electives...................................................0 or 3 Hours
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