



FORENSIC SCIENCE INSTITUTE

ACADEMIC DEGREE PROGRAMS

W. Roger Webb Forensic Science Institute

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Website: www.uco.edu/forensics

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.

Program:	Forensic Science	Dept:	Forensic Science Institute
Major:	Forensic Science	College:	Forensic Science Institute
Degree:	Master of Science (M.S.)	Major Code:	7030

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 [Admission to Graduate Studies \(p.17\)](#).*

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)

Course Prefix	Course No.	Course Title
FRSC	5253	Forensic Science Analysis & Lab
FRSC	5363	Advanced Crime Scene Techniques
FRSC	5863	Expert Witness
FRSC	5873	Research Methods in Forensic Science
FRSC	5881	Graduate Seminar
FRSC	5892	Professional Issues in Forensic Science
FRSC	5930	Graduate Capstone (3 hours) OR
FRSC	5990	Thesis (6 hours)

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.

Course Prefix	Course No.	Course Title
FRSC	5143	Crime Scene Reconstruction
FRSC	5153	Crime Scene Photography
FRSC	5163	Medicolegal Forensics
FRSC	5223	Behavior and Crime Scenes
FRSC	5233	Forensic Interviewing Techniques
FRSC	5243	Forensic Psychology
FRSC	5263	Forensic & Biological Anthropology
FRSC	5273	Advanced Fingerprint Analysis
FRSC	5303	Forensic Archaeology
FRSC	5313	Forensic Pathology
FRSC	5323	Forensic Toxicology & Lab

continued...

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*.....

Course Prefix	Course No.	Course Title
FRSC	5613	Advanced Forensic DNA Analysis & Lab
FRSC	5633	Digital Forensics Tools and Analysis & Lab
FRSC	5653	Mobile Device Forensics & Lab
FRSC	5673	Network Forensics & Lab
FRSC	5713	Forensic Pharmacology
FRSC	5813	Ethics and Professional Development
FRSC	5910	Seminar in Forensic Science
FRSC	5920	Workshop in Forensic Science
FRSC	5930	Individual Study
FRSC	5940	Field Study in Forensic Science
FRSC	5950	Internship
FRSC	5960	Institute in Forensic Science
FRSC	5970	Study Tour

TOTAL HOURS REQUIRED 36 HOURS

Program:	Forensic Science	Dept:	Forensic Science Institute
Major:	Forensic Science - Chemistry	College:	Forensic Science Institute
Degree:	Master of Science (M.S.)	Major Code:	7601

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
Office:	FSI 110H
Phone:	405 - 974 - 6913

Admission Requirements

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- 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 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 [Admission to Graduate Studies \(p.17\)](#).*

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)

Course Prefix	Course No.	Course Title
FRSC	5253	Forensic Science Analysis & Lab
FRSC	5323	Forensic Toxicology & Lab
FRSC	5333	Forensic Molecular Biology & Lab
FRSC	5363	Advanced Crime Scene Techniques
FRSC	5513	Forensic Chemistry & Lab
FRSC	5533	Forensic Microscopy & Lab
FRSC	5713	Forensic Pharmacology
FRSC	5863	Expert Witness
FRSC	5873	Research Methods in Forensic Science
FRSC	5881	Graduate Seminar
FRSC	5892	Professional Issues in Forensic Science
FRSC	5930	Graduate Capstone (3 hours) OR
FRSC	5990	Thesis (6 hours)

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

Course Prefix	Course No.	Course Title
FRSC	5373	Cold Case Review and Analysis
FRSC	5553	WMD Forensics
FRSC	5910	Seminar
FRSC	5930	Individual Study
FRSC	5940	Field Study
FRSC	5950	Internship

TOTAL HOURS REQUIRED 36 HOURS

Program:	Forensic Science	Dept:	Forensic Science Institute
Major:	Forensic Science - Digital Forensics	College:	Forensic Science Institute
Degree:	Master of Science (M.S.)	Major Code:	7602

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.

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

Admission Requirements

Submit the following items to:

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Edmond, OK 73034

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- 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 bachelor's degree in Forensic Science, Natural Science, Management Information Systems, Software Engineering, or similar degree.
 - 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.

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.

**Students falling below these standards may qualify for conditional admission. See [Admission to Graduate Studies](#) (p.17).*

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) plus an additional three hours guided elective 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 six hours guided elective.
- Final Requirements. Apply for graduation through the JCGS by advertising deadline.

Graduation Requirements

Required Courses..... 30 or 33 Hours
(30 hours — Capstone; 33 hours — Thesis option)

Course Prefix	Course No.	Course Title
FRSC	5253	Forensic Science Analysis & Lab
FRSC	5363	Advanced Crime Scene Techniques
FRSC	5463	Digital Forensics & Lab
FRSC	5633	Digital Forensics Tools and Analysis & Lab
FRSC	5653	Mobile Device Forensics & Lab
FRSC	5673	Network Forensics & Lab
FRSC	5863	Expert Witness
FRSC	5873	Research Methods in Forensic Science
FRSC	5881	Graduate Seminar
FRSC	5892	Professional Issues in Forensic Science
FRSC	5930	Graduate Capstone (3 hours) OR
FRSC	5990	Thesis (6 hours)

Guided Electives..... 3 or 6 Hours
(6 hours — Capstone; 3 hours — Thesis option)

Course Prefix	Course No.	Course Title
FRSC	5373	Cold Case Review and Analysis
FRSC	5910	Seminar
FRSC	5930	Individual Study
FRSC	5940	Field Study
FRSC	5950	Internship

TOTAL HOURS REQUIRED 36 HOURS

Program: Forensic Science **Dept:** Forensic Science Institute
Major: Forensic Science - Molecular Biology **College:** Forensic Science Institute
Degree: Master of Science (M.S.) **Major Code:** 7600

Forensic Science — Molecular Biology, M.S.

The M.S. Forensic Science - Molecular Biology 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
 Office: FSJ 110H
 Phone: 405 - 974 - 6913

Admission Requirements

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- 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 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 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.

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 -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.

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 [Admission to Graduate Studies \(p.17\)](#).*

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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)

Course Prefix	Course No.	Course Title
FRSC	5253	Forensic Science Analysis & Lab
FRSC	5333	Forensic Molecular Biology & Lab
FRSC	5343	Forensic Serology & Lab
FRSC	5363	Advanced Crime Scene Techniques
FRSC	5513	Forensic Chemistry & Lab OR
FRSC	5323	Forensic Toxicology & Lab
FRSC	5533	Forensic Microscopy & Lab
FRSC	5613	Advanced Forensic DNA Analysis & Lab
FRSC	5863	Expert Witness
FRSC	5873	Research Methods in Forensic Science
FRSC	5881	Graduate Seminar
FRSC	5892	Professional Issues in Forensic Science
FRSC	5930	Graduate Capstone (3 hours) OR
FRSC	5990	Thesis (6 hours)

continued...

Program: Forensic Science
Major: Forensic Science - Molecular Biology continued

Guided Electives 0 or 3 Hours

(3 hours — Capstone; 0 hours — Thesis option)

Course Prefix	Course No.	Course Title
FRSC	5373	Cold Case Review and Analysis
FRSC	5413	Bloodstain Pattern Analysis
FRSC	5910	Seminar
FRSC	5930	Individual Study
FRSC	5940	Field Study
FRSC	5950	Internship

TOTAL HOURS REQUIRED 36 HOURS