

Interdisciplinary Studies

Academic Degree Programs

Program: **Forensic Science**
 Major: **Forensic Investigations**
 Degree: **Bachelor of Science (B.S.)**

Forensic Science Institute
 Academic Affairs
 Major Code: 7024

University Core (Total Listed 42-44)

For a full list of courses see [University Core](#).

• Courses from the major may apply to the areas marked in the University Core.

Written and Oral Communication 9

Quantitative Reasoning/Scientific Method 10-11

- Math..... 3
- Life Science 4
- Physical Science..... 3-4

Critical Inquiry and Aesthetic Analysis 6

- Aesthetic Analysis 3
- Critical Inquiry..... 3

American Historical and Political Analysis 6

- American National Government 3
- American History 3

Cultural and Language Analysis 3-4

- Second Language 4
- OR
- Cultural Analysis..... 3

Social and Behavioral Analysis 3

Life Skills 5

- Required Health Course..... 2
- Elective Life Skills..... 3

**Minimum
Required Hours**

Support Courses

Support Courses..... 8-9

At least two courses, which include the co-requisite laboratory, from one or more of the following subjects:

- Biology: BIO 1114 OR equivalent OR higher (BIO 1211 University Life Sciences Lab OR equivalent OR higher)
- Chemistry: CHEM 1014 OR equivalent OR higher (CHEM 1014L OR equivalent OR higher)
- Physical Science: PHY 1003 OR equivalent OR higher (PHY 1011 University Physical Science Laboratory OR equivalent OR higher)

Major Requirements

Forensic Investigations 36

Forensic Science Core..... 12

- FRSC 2503 Intro to Forensic Science
- FRSC 3043 Crime Scene Processing
- FRSC 3123 Criminal Procedure for Forensic Science
- FRSC 4253 Forensic Science Analysis & Lab

Forensic Investigations 6

- FRSC 4143 Advanced Crime Scene Processing and Investigations
- FRSC 4153 Crime Scene Photography

Capstone..... 3

- FRSC 4900 Practicum in Forensic Science (3 hours) **OR**
- FRSC 4930 Independent Study in Forensic Sci (3 hours) **OR**
- FRSC 4940 Field Study in Forensic Science (3 hours) **OR**
- FRSC 4950 Internship in Forensic Science (3 hours) **OR**
- FRSC 4970 Study Tour in Forensic Science (3 hours)

Statistics 3

STAT 2103 OR equivalent OR higher with a course prefix from CJ, ECON, MATH, POL, PSY, SOC, STAT, or other subject area that has statistics in the title.

Electives 12

- FRSC 2000 Topics in Forensic Science

- FRSC 2613 Behavioral Aspects of Crime Scenes
- FRSC 2713 Digital Evidence
- FRSC 2733 DNA for Crime Scene Investigators
- FRSC 2823 Wildlife Forensics
- FRSC 3000 Workshop in Forensic Science
- FRSC 3323 Forensic Interviewing
- FRSC 3333 Forensic Investigation of Mass Disasters
- FRSC 3423 Clandestine Laboratories
- FRSC 3990 Advanced Topics in Forensic Science
- FRSC 4163 Medicolegal Forensics
- FRSC 4173 Crime Scene Reconstruction
- FRSC 4263 Forensic and Biological Anthropology
- FRSC 4273 Advanced Fingerprint Analysis
- FRSC 4303 Forensic Archaeology
- FRSC 4313 Forensic Pathology for Investigators
- FRSC 4343 Forensic Serology & Lab
- FRSC 4353 Firearm and Toolmark Analysis
- FRSC 4413 Bloodstain Pattern Analysis
- FRSC 4423 Bloodstain Pattern Analysis II
- FRSC 4443 Forensic Arson Investigation
- FRSC 4543 Advanced Firearm and Toolmark & Lab
- FRSC 4553 WMD Forensics
- FRSC 4813 Ethics and Professional Development
- FRSC 4910 Seminar in Forensic Science
- FRSC 4930 Independent Study in Forensic Science
- FRSC 4940 Field Study in Forensic Science
- FRSC 4950 Internship in Forensic Science
- FRSC 4960 Institute in Forensic Science
- FRSC 4970 Study Tour in Forensic Science
- FRSC 4980 Workshop in Forensic Science

Additional Degree

All students completing a B.S. in Forensic Investigations must complete an additional degree. The B.S. in Forensic Investigations may be combined with any UCO undergraduate major except for General Studies.

The Forensic Science undergraduate degree program is not a stand-alone program. There are two mechanisms for earning the Forensic Science degree: (A) Earn a concurrent degree; (B) Earn a second bachelor's degree.

Program: **Forensic Science**
 Major: **Forensic Investigations**
 Degree: **Bachelor of Science (B.S.)**

Forensic Science Institute
 Academic Affairs
 Major Code: 7024

**Minimum
Required Hours**

- CONTINUED ON NEXT PAGE -

- CONTINUED FROM PREVIOUS PAGE -

The number of credits needed to meet degree requirements exceeds 124 hours and will vary according to course selection.

Minimum Grade Requirements

1. Average in all college course work and course work at UCO..... 2.25
2. A minimum grade of "C" must be earned in all courses in the major to count toward meeting degree requirements.

Program: **Forensic Science**
 Major: **Forensic Science - Chemistry**
 Degree: **Bachelor of Science (B.S.)**

Forensic Science Institute
 Academic Affairs
 Major Code: 7021

University Core (Total Listed 42-44)

For a full list of courses see [University Core](#).

• Courses from the major may apply to the areas marked in the University Core.

Written and Oral Communication 9

Quantitative Reasoning/Scientific Method 10-11

- Math 3
- Life Science 4
- Physical Science 3-4

Critical Inquiry and Aesthetic Analysis 6

- Aesthetic Analysis 3
- Critical Inquiry 3

American Historical and Political Analysis 6

- American National Government 3
- American History 3

Cultural and Language Analysis 3-4

- Second Language 4
- OR
- Cultural Analysis 3

Social and Behavioral Analysis 3

Life Skills 5

- Required Health Course 2
- Elective Life Skills 3

**Minimum
Required Hours**

**Minimum
Required Hours**

Support Courses

Support Courses 8-9

At least two courses, which include the co-requisite laboratory, in biology. These courses are necessary to meet accreditation standards for Forensic Science Programs.

BIO 1114 OR equivalent OR higher (BIO 1211 University Life Sciences Lab OR equivalent or higher)

Major Requirements

Forensic Science - Chemistry 30

Forensic Science Core 12

- FRSC 2503 Intro to Forensic Science
- FRSC 3043 Crime Scene Processing
- FRSC 3123 Criminal Procedure for Forensic Science
- FRSC 4253 Forensic Science Analysis & Lab

Forensic Science-Chemistry 12

- FRSC 4323 Forensic Toxicology & Lab
- FRSC 4513 Forensic Chemistry & Lab
- FRSC 4533 Forensic Microscopy & Lab
- FRSC 4713 Forensic Pharmacology

Capstone 3

- FRSC 4900 Practicum in Forensic Science (3 hours) **OR**
- FRSC 4930 Independent Study (3 hours) **OR**
- FRSC 4950 Internship in Forensic Science (3 hours)

Statistics 3

STAT 2103 OR equivalent OR higher with a course prefix from CJ, ECON, MATH, POL, PSY, SOC, STAT or other subject areas that has statistics in the title.

Additional Degree (Chemistry, Chemistry ACS, Chemistry-Environmental Chemistry or Chemistry-Health Sciences)

All students completing a B.S. in Forensic Science-Chemistry must complete an additional degree. The B.S. in Forensic Science-Chemistry must be combined with the B.S. in Chemistry or B.S. in Chemistry-ACS Certificate or B.S. in Chemistry-Health Sciences or B.S. Chemistry-Environmental Chemistry.

The Forensic Science-Chemistry undergraduate degree program is not a stand-alone program. There are two mechanisms for earning the Forensic Science-Chemistry degree: (A) Earn a concurrent degree by completing requirements in the Chemistry, Chemistry ACS, Chemistry - Health Sciences or B.S. Chemistry-Environmental Chemistry program and the additional 30 hours in the Forensic Science-Chemistry program; (B) Earn a second bachelor's degree after possessing an appropriate Chemistry degree by completing 30 hours in the Forensic Science-Chemistry program.

The number of credits needed to meet degree requirements exceeds 124 hours and will vary according to course selection.

Minimum Grade Requirements

1. **Average in all college course work and course work at UCO** 2.25
2. **A minimum grade of "C" must be earned in all courses in the major to count toward meeting degree requirements.**

Program: **Forensic Science**
 Major: **Forensic Science - Digital Forensics**
 Degree: **Bachelor of Science (B.S.)**

Forensic Science Institute
 Academic Affairs
 Major Code: 7023

University Core (Total Listed 42-44)

For a full list of courses see [University Core](#).

• Courses from the major may apply to the areas marked in the University Core.

Written and Oral Communication 9

Quantitative Reasoning/Scientific Method 10-11

- Math 3
- Life Science 4
- Physical Science 3-4

Critical Inquiry and Aesthetic Analysis 6

- Aesthetic Analysis 3
- Critical Inquiry 3

American Historical and Political Analysis 6

- American National Government 3
- American History 3

Cultural and Language Analysis 3-4

- Second Language 4
- OR
- Cultural Analysis 3

Social and Behavioral Analysis 3

Life Skills 5

- Required Health Course 2
- Elective Life Skills 3

**Minimum
Required Hours**

Support Courses

Support Courses 8-9

Select at least two science courses from the below subject areas. Each must include a lab.

- BIO 1114 OR equivalent OR higher (BIO 1211 University Life Sciences Lab OR equivalent OR higher)
- CHEM 1014 OR equivalent OR higher (CHEM 1014L OR equivalent OR higher)
- PHY 1003 OR equivalent OR higher (PHY 1011 University Physical Science Laboratory OR equivalent OR higher)

Major Requirements

Forensic Science - Digital Forensics 36

Forensic Science Core 12

- FRSC 2503 Intro to Forensic Science
- FRSC 3043 Crime Scene Processing
- FRSC 3123 Criminal Procedure for Forensic Science
- FRSC 4253 Forensic Science Analysis & Lab

Forensic Science-Digital Forensics 18

- FRSC 2713 Digital Evidence
- FRSC 4463 Digital Forensics & Lab
- FRSC 4633 Digital Forensics Tools and Analysis & Lab
- FRSC 4653 Mobile Device Forensics & Lab
- FRSC 4673 Network Forensics & Lab
- ISOM 3343 IT Security and Risk Management OR
- CMSC 4083 Cybersecurity

Capstone 3

- FRSC 4900 Practicum in Forensic Science (3 hours) OR
- FRSC 4930 Independent Study (3 hours) OR
- FRSC 4950 Internship in Forensic Science (3 hours)

Statistics 3

STAT 2103 OR equivalent OR higher with a course prefix from CJ, ECON, MATH, POL, PSY, SOC, STAT or other subject areas that has statistics in the title.

Additional Degree

All students completing a B.S. in Forensic Science-Digital Forensics must complete an additional degree in one of five majors. The B.S. in Forensic Science-Digital Forensics must be combined with the B.B.A. in Information and Operations Management - Management Information System (MIS degree), B.S. in Computer Science, B.S. in Computer Science-Applied, B.S. in Computer Science-Information Science, or B.S. in Software Engineering.

The Forensic Science-Digital Forensics undergraduate degree program is not a stand-alone program. There are two mechanisms for earning the Forensic Science-Digital Forensics degree: (A) Earn a concurrent degree by completing requirements in one of the five majors above and the additional 36 hours in the Forensic Science-Digital Forensics program; (B) Earn a second bachelor's degree after possessing an appropriate MIS, Computer Science or Software Engineering degree by completing 36 hours in the Forensic Science-Digital Forensics program.

The number of credits needed to meet degree requirements exceeds 124 hours and will vary according to course selection.

Minimum Grade Requirements

1. Average in all college course work and course work at UCO 2.25
2. A minimum grade of "C" must be earned in all courses in the major to count toward meeting degree requirements.

Program: **Forensic Science**
 Major: **Forensic Science - Molecular Biology**
 Degree: **Bachelor of Science (B.S.)**

Forensic Science Institute
 Academic Affairs
 Major Code: 7022

University Core (Total Listed 42-44)

For a full list of courses see [University Core](#).

• Courses from the major may apply to the areas marked in the University Core.

Written and Oral Communication 9

Quantitative Reasoning/Scientific Method 10-11

- Math..... 3
- Life Science 4
- Physical Science 3-4

Critical Inquiry and Aesthetic Analysis 6

- Aesthetic Analysis 3
- Critical Inquiry 3

American Historical and Political Analysis 6

- American National Government 3
- American History 3

Cultural and Language Analysis 3-4

- Second Language 4
- OR
- Cultural Analysis..... 3

Social and Behavioral Analysis 3

Life Skills 5

- Required Health Course..... 2
- Elective Life Skills..... 3

Minimum
Required Hours

Support Courses

Support Courses..... 15

The following courses or their equivalent are required and may satisfy portions of the additional degree. These courses are necessary to meet accreditation and national standards for Forensic DNA testing laboratories.

- PHY 1214 General Physics II & Lab
- CHEM 3323 Organic Chemistry II
- CHEM 3332 Organic Chemistry II Lab
- CHEM 3403 Biochemistry I
- BIO 3303 Genetics

Major Requirements

Forensic Science - Molecular Biology..... 30

Forensic Science Core..... 12

- FRSC 2503 Intro to Forensic Science
- FRSC 3043 Crime Scene Processing
- FRSC 3123 Criminal Procedure for Forensic Science
- FRSC 4253 Forensic Science Analysis & Lab

Forensic Science-Molecular Biology..... 12

- FRSC 4333 Forensic Molecular Biology & Lab
- FRSC 4343 Forensic Serology & Lab
- FRSC 4533 Forensic Microscopy & Lab
- FRSC 4613 Advanced Forensic DNA Analysis & Lab

Capstone..... 3

- FRSC 4900 Practicum in Forensic Science (3 hours) **OR**
- FRSC 4930 Individual Study (3 hours) **OR**
- FRSC 4950 Internship in Forensic Science (3 hours)

Statistics 3

STAT 2103 OR equivalent OR higher with a course prefix from CJ, ECON, MATH, POL, PSY, SOC, STAT or other subject areas that has statistics in the title.

Additional Degree (Biology, Biology-Biomedical Sciences, or Biology-Medical Laboratory Science)

All students completing a B.S. in Forensic Science-Molecular Biology must complete an additional degree. The B.S. in Forensic Science-Molecular Biology must be combined with the B.S. in Biology, Biology-Biomedical Sciences, or Biology-Medical Laboratory Science.

The Forensic Science-Molecular Biology undergraduate degree program is not a stand-alone program. There are two mechanisms for earning the Forensic Science-Molecular Biology degree: (A) Earn a concurrent degree by completing requirements in the Biology, Biology-Biomedical Sciences, or Biology-Medical Laboratory Science program and the additional 30 hours in the Forensic Science-Molecular Biology program; (B) Earn a second bachelor’s degree after possessing an appropriate Biology degree by completing 30 hours in the Forensic Science-Molecular Biology program.

The number of credits needed to meet degree requirements exceeds 124 hours and will vary according to course selection.

Minimum Grade Requirements

1. Average in all college course work and course work at UCO..... 2.25
2. A minimum grade of “C” must be earned in all courses in the major to count toward meeting degree requirements.