

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

Major Requirements

Forensic Science - Molecular Biology.....36

Required Courses..... 36

FRSC	2503	Intro to Forensic Science
FRSC	3043	Crime Scene Processing
FRSC	3123	Criminal Procedure for Forensic Science
FRSC	4253	Forensic Science Analysis & Lab
FRSC	4333	Forensic Molecular Biology & Lab
FRSC	4343	Forensic Serology & Lab
FRSC	4533	Forensic Microscopy & Lab
FRSC	4613	Advanced Forensic DNA Analysis and Lab
FRSC	4900	Practicum in Forensic Science (3 hours) OR
FRSC	4930	Individual Study (3 hours) OR
FRSC	4950	Internship in Forensic Science (3 hours)
PHY	1214	General Physics II & Lab
CHEM	3323	Organic Chemistry II
CHEM	3332	Organic Chemistry II Lab

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 or Biology-Biomedical Sciences, or Biology-Medical Laboratory Science program and the additional 36 hours in the Forensic Science-Molecular Biology program; (B) Earn a second bachelor's degree after possessing an appropriate Biology degree by completing 36 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.

The following courses are required and will prepare the student to meet The FBI Quality Assurance Standards For Forensic DNA Testing Laboratories and must be chosen as a part of the Biology or Biology-Biomedical Sciences or Biology-Medical Laboratory Science degree requirements:

BIO	3303	Genetics
BIO	3311	Genetics Lab
BIO	4743	Population Genetics & Lab
CHEM	3403	Biochemistry

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.

For other regulations pertaining to graduation, see [Academic Degree Requirements](#).