

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.