

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)**

Specific courses within the University Core are listed on pages 96-97.

• 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
- FRSC 4900 Practicum in Forensic Science (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

The following courses are required and will prepare the student to meet the National DNA Advisory Board Guidelines and must be chosen as a part of the Biology degree requirements:

- BIO 3303 Genetics
- BIO 3311 Genetics Lab
- BIO 4454 Molecular Cell Physiology and Lab **OR**  
any other upper division BIO course with 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 pages 67-68 of the 2017-2018 catalog.**

**Additional Degree (Biology)**

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.

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 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.**