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

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

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

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.

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

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.