

# MINOR IN MOLECULAR BIOLOGY

## ADMISSIONS

To be eligible for admission to the minor molecular biology program, students must have a minimum GPA of 2.5 and must have completed 8 credits in biological science courses (with hands-on labs) and 8 credits in chemistry courses (with hands-on labs). Students must also meet essential function requirements. Biological science and chemistry courses may be part of the students program of study but must be completed with a grade of C or above prior to taking the upper-level courses within the minor.

In addition, the following is required prior to clinical rotations (molecular practicum):

- Confirmation of essential functions
- Immunization records, including PPD (dated within the past 12 months) and evidence of hepatitis B, MMR, varicella, diphtheria, polio, and tetanus vaccinations
- Current physical examination
- Copy of health insurance
- Copy of criminal background check
- Copy of drug screening test

## REQUIREMENTS

The following requirements must be fulfilled: 24 credits in required courses.

| <b>Code</b> | <b>Title</b>                         | <b>Credits</b> |
|-------------|--------------------------------------|----------------|
| MLS 4158    | Laboratory Management and Operations |                |
| MLS 4170    | Introduction to Molecular Biology    |                |
| MLS 4171    | Human Genetics                       |                |
| MLS 4172    | Molecular Diagnostics Capstone       |                |
| MLS 4217    | Molecular Techniques                 |                |
| MLS 4242    | Applications of Molecular Testing    |                |
| MLS 4266    | Molecular Diagnostics Practicum      |                |