

MOLECULAR DIAGNOSTICS (CERTIFICATE)

The post-baccalaureate certificate program in Molecular Diagnostics is designed for students with baccalaureate degrees in the chemical or biological sciences or clinical laboratory science, who seek certification/licensure in molecular biology/pathology. Individuals completing the program are prepared to work in the clinical laboratory areas of molecular diagnostics. Clinical experiences at community laboratories are integrated within the curriculum and enhance your growth as professionals.

Program Accreditation

The program is accredited by NAACLS. (5600 N. River Road, Suite 720, Rosemont, IL 60018, 773-714-8880).

Program Admission Requirements

1. Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions prior to the established deadline.
2. Submission of a completed application for the Molecular Diagnostics Certificate program to the Department of Health Sciences prior to the established deadline.
3. Baccalaureate degree from an institution that maintains accreditation by a U.S. Department of Education sanctioned accrediting body (<https://www.ed.gov/laws-and-policy/higher-education-laws-and-policy/college-accreditation> (<https://www.ed.gov/laws-and-policy/higher-education-laws-and-policy/college-accreditation/>)) or equivalent foreign institution, as documented by official transcripts. All specific prerequisite courses for the major must have been completed within the past seven years.
4. A cumulative grade point average of 3.0 for the prerequisite coursework.
5. International students must demonstrate English language proficiency in accordance with University regulation.
6. Complete prerequisite courses in the following disciplines with a grade of C or above:
 - a. Biology (with Microbiology, Anatomy/Physiology, Immunology, Cell Biology, and Genetics)
 - b. Chemistry (with Organic and/or Biochemistry)
 - c. Mathematics (Statistics)

Program Progression and Additional Graduation Requirements

- Students must satisfactorily complete the 23 credits specified by the certificate program.
- A grade of C or higher must be earned in all Molecular Diagnostics certificate courses.

Program Requirements

Code	Title	Credits
Required Courses		(23 credits)
Minimum grade of C (not C-) is required in each course		
MLS 3038	Essentials of Clinical Lab Sci	3
MLS 4191	Molecular Diagnostics	3

MLS 4308	Hematology/Hemostasis	3
MLS 4404	Diagnostic Microbiology	3
MLS 4462	Diagnostic VMP	3
MLS 4505	Clinical Immunology	2
MLS 4940C	Molecular Biology Practicum	6

Total Credits Required: 23