Why Choose Molecular Diagnostics?

The field of laboratory medicine is advancing towards the use of molecular techniques and molecular diagnostics for the detection of leukemia, genetic disorders, pre-implantation screening, infectious disease and cancer. With the introduction of personalized medicine which allows an individual to have a panel of genetic tests performed to determine predisposition to disease there will be a rise in genetic testing. Molecular diagnostics can also aid in the decision about therapy to be used for genetic disorders.

Genetic companies are demanding certified, professionally educated, technically competent individuals to work in this growing facet of laboratory medicine. There is a demand nationally in hospitals, reference laboratories, private genetic laboratories and pharmaceutical industries.

The program combines classroom instruction and laboratory practice on-campus with internships in various laboratories to prepare graduates.

The program is seeking accreditation by the National Accrediting Agency for Clinical Laboratory Sciences in accordance with their regulations.

Career Opportunities

Graduates of the program will be able to work in hospital, reference, public health, genetic and pharmaceutical laboratories. They may also work for regulatory agencies or as field technicians. Graduates will be able to apply for molecular biology certification through the American Society for Clinical Pathology.

Admission Requirements

Students must be admitted to the university. To be qualified to apply to the Molecular Diagnostics Program, a student must have earned a grade of "C" or higher in BIOL 122, BIOL 205, BIOL 286, CHEM 214, CHEM 324, MATH 115 and have a cumulative grade point average of 2.50.

General Education Requirements

All University General Education requirements can be found here: http://www.ferris.edu/HTMLS/academics/general-education/requirements/BA-BS.htm

Please consult this link for a complete listing of General Education Electives: http://www.ferris.edu/HTMLS/academics/general-education/courses/index.htm
Consult the official checksheet or program advisor for program specific General Education requirements.

**Graduation Requirements**

In order to fulfill graduation requirements, students must have completed all BIOL, CHEM, CLLS, COHP, and DMOL courses with a grade of "C" or higher and have a minimum cumulative grade point average of 2.5.

**More Information**

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