

THE GENOMICS AND PREDICTIVE HEALTH CERTIFICATE

SCHMIDT COLLEGE OF MEDICINE

The Genomics and Predictive Health Certificate provides master's and Ph.D. students an integrated background in the field of genomics and predictive health. The program prepares students with the experience they need to take advantage of emerging advancements in the fields of personalized medicine, biotechnology, and population health. Although the program is centered on the Schmidt College of Medicine, faculty from other colleges and institutions will combine to ensure the program's success. Students from multiple departments, centers and colleges throughout the University are welcomed. Genomics and Predictive Health is a broad and interdisciplinary field focused on understanding and improving human health. It incorporates diverse areas of specialized investigation that share this common goal, including anatomy, biochemistry, cell biology, clinical sciences, cognitive sciences, development, genetics, immunology, medical sciences, microbiology, molecular biology, pathology, pharmacology, psychology, and more.

PROGRAM REQUIREMENTS

The Certificate Program requirements are designed to be tailored to the individual student with previous coursework and future goals in mind (12 - credit Certificate).

1. Complete the following Required Courses (9 credits):
 - Human Genetics – 3 credits
 - Integrating Genomics into Predictive Health -3 credits
 - Predictive Health Seminar Series - 3.0 credit (1-credit per semester on a continuous basis for a total of three semesters)
2. Complete one of the following three electives:
 - Emerging Applications in Oncology and Pharmacogenomics-3 credits
 - Communicating in the Age of Predictive Health -3 credits
 - Implementing Learning Health Systems -3 credits

If interested, please contact our office bstatler@health.fau.edu to set-up a meeting to get you started!