

Functional Genomics Certificate

FUNCTIONAL GENOMICS CERTIFICATE REQUIREMENTS

8-11 credits

Code	Title	Hours
BIOL 1610 & BIOL 1615 or BTEC 1010	Principles of Biology I (LS) and Principles of Biology I Lab (LAB) Fundamentals of Biotechnology	3-5
BTEC 3040	Zebrafish Maintenance and Microscopy	1
BTEC 3050	Gene Knockout: RNA Interference & CRISPR	1
BTEC 4040	Techniques in Functional Genomics	1
BTEC 4050	In Situ Hybridization	1
BTEC 4060	Variant Validation in Zebrafish	1

COMPLETION REQUIREMENTS

1. Complete all coursework with a C- or higher
2. Cumulative GPA of 2.5 or higher