Genetic Sequencing Certificate

Genetic Sequencing Certificate Requirements

18 Credits

Code	Title	Hours
BIOL 1610 & BIOL 1615	Principles of Biology I (LS) and Principles of Biology I Lab (LAB) [1]	5
CHEM 1210 & CHEM 1215	Principles of Chemistry I (PS) and Principles of Chemistry I Lab (LAB) [1]	5
BTEC 2010	DNA Methods and Analysis [1]	2
BTEC 3010	Sequencing Methods and Techniques [1]	1
BIOL 3030	Principles of Genetics	3
Total Hours		**16**

1. COURSE FEE REQUIRED. See course fee tab for details.

Completion Requirements

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

Genetic Sequencing Certificate Program Learning Outcomes

At the successfully completion of this program, students will be able to:

1. Outline fundamental principles of genetic sequencing.
2. Contrast the various sequencing platforms and advantages of each.
3. Demonstrate laboratory proficiency of sequencing techniques and instruments.