

SCIENCE:

BIOTECHNOLOGY TECHNICIAN

Career Studies Certificate

MA

Purpose: This career studies certificate is designed for those wishing to enhance their employment options or retrain for careers as laboratory process technicians in biotechnology, pharmaceutical, and other high-tech production/research facilities.

Special Curriculum Admission Requirements: Students who have not completed the required courses listed below (or their equivalent) may be concurrently enrolled in the career studies certificate with division approval.

BIO 101 General Biology I

BIO 120 General Zoology or

BIO 110 General Botany

BIO 205 General Microbiology

BIO 206 Cell Biology

BIO 270 General Ecology may be required for specific internships.

One Year

Credits

1st Semester

BIO	298 Seminar & Project - Biotechnology I	1
CHM	241 Organic Chemistry I	3
CHM	245 Organic Chemistry Lab I	2
ENG	115 Technical Writing	3
MTH	181 Finite Mathematics I	3
SDV	106 Preparation for Employment	<u>1</u>
	Total	13

2nd Semester

BIO	210 Media & Materials Preparation	2
BIO	290 Coordinated Internship	3
BIO	298 Seminar & Project - Biotechnology II	2
CHM	242 Organic Chemistry II	3
CHM	246 Organic Chemistry Lab II	2
MTH	241 Statistics I	<u>3</u>
	Total	15

Total credits for the Biotechnology Technician Career Studies Certificate = 28.