

BIOTECHNOLOGY



The biotechnology program provides students with the skill and knowledge needed to gain entry-level employment in the biotechnology industry. Graduates will be properly trained in the theories and principles of biological systems, field and laboratory techniques, and manufacturing principles of the biotechnology industry.

The program is set up to prepare students for employment in the fields of Pharmaceutical Manufacturing, Laboratory Research, Environmental Testing, Agricultural Research, and Quality Control.

Credentials available in this program are the Associates in Applied Science and a Biotechnology Certificate.



BIOTECHNOLOGY

RECOMMENDED COURSE SEQUENCE

FIRST YEAR

FALL SEMESTER

ENG 101	Writing I	3
MT 150	College Algebra	3
CIS 100	Introduction to Computers	3
BT 101	Introduction to Biotechnology	3
BIO 143	Zoology with Lab.	4
	Humanities Course	3

SPRING SEMESTER

ENG 102	Writing II	3
AG 250	Intro. to Plants/Crop Prod.	3
CHE 105	Gen. College Chemistry I	3
CHM 105	Gen. Chemistry with Lab I	2
BIO 141	Botany with Lab.	4

SECOND YEAR

FALL SEMESTER

BIO 150	Principles of Biology I	3
BIO 151	Principles of Biology I Lab	1
BIO 224	Intro. to Molecular and Cell Biology	4
CHE 107	Gen. College Chemistry II	3
CHM 107	General Chemistry Lab II	1
COM 181	Basic Public Speaking	3
	Social Interactions Course	3

SPRING SEMESTER

QMS 101	Intro. to Quality Systems	3
BIO 227	Principles of Microbiology with Lab	5
	Heritage Course	3
	Electives	6

*See web for complete course requirements



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OCTC is an equal opportunity institution.

