

Programs of Study - Career

AGRI-BIOTECHNOLOGY

The Agri-biotechnology AAS degree and Certificate programs will prepare students for entry-level positions in the emerging biotechnology industry. The program provides a strong scientific background and extensive laboratory experience in methods currently used in research, government, and industry laboratories. Courses incorporate various skills important for employment in entry-level positions in the bioscience industry including laboratory techniques and instrumentation, basic computer skills associated with generating, analyzing and presenting experimental data, documentation of laboratory procedures according to industry standards, and regulatory affairs governing the bioscience industry. Students will learn to effectively work in cooperative teams in a laboratory setting to plan and complete experiments in a timely manner.

AGRI-BIOTECHNOLOGY Associate in Applied Science Degree

Required General Education Courses Courses (20 credits)

CM101	English Composition I or CM120 Survey of Technical Writing.....	3
CM115	Public Speaking.....	3
MA111	College Algebra.....	3
SC110	Principles of Biology.....	5
SS130	Intro to Sociology.....	3
Humanities	Gen. Ed.....	3

Required Major Courses (30 credits)

AG127	Ag Science for Agri-Biotechnology.....	4
AG147	Lab Methods in Agri-Biotechnology.....	4
AG160	Introduction to Biotechnology.....	3
AG236	Molecular Biology for Agri-Biotechnology.....	4
AG237	Integrated Organic Chemistry and Biochemistry for Agri-Biotechnology.....	5
SC111	Microbiology Lecture.....	3
SC112	Microbiology Lab.....	2
SC131	Chemistry I.....	5

Electives (17credits)

AG101	Plant Science.....	4
AG108	Environmental Quality.....	3
AG109	Environmental Quality Lab.....	1
AG115	Animal Science.....	3
AG220	Cooperative Ed Internship.....	2
SC120	Human Anatomy & Physiology I.....	4
SC121	Human Anatomy & Physiology II.....	4

AGRI-BIOTECHNOLOGY 32-Hour Certificate

Required General Education Courses Courses (9 credits)

SC101	General Biology.....	4
SC130	General Chemistry.....	5

Required Major Courses (23 credits)

CM120	Survey of Technical Writing.....	3
AG127	Ag Science for Agri-Biotechnology.....	4
AG147	Lab Methods in Agri-Biotechnology.....	4
AG160	Introduction to Biotechnology.....	3
AG236	Molecular Biology for Agri-Biotechnology.....	4
AG237	Integrated Organic Chemistry and Biochemistry for Agri-Biotechnology.....	5

