

PLANT BIOTECHNOLOGY, B.SC. - AGRICULTURE

Progression Plan

Suggested Plant Biotechnology Program Progression

Course	Title	Hours
Year 1		
ABIZ 1000	Introduction to Agribusiness Management	3
AGRI 1600	Introduction to Agrifood Systems	3
BIOL 1020	Biology 1: Principles and Themes	3
BIOL 1030	Biology 2: Biological Diversity, Function and Interactions	3
CHEM 1100	Introductory Chemistry 1: Atomic and Molecular Structure and Energetics	3
CHEM 1110 or CHEM 1130	Introductory Chemistry 2: Interaction, Reactivity, and Chemical Properties or Introduction to Organic Chemistry	3
ECON 1010	Introduction to Microeconomic Principles	3
HNSC 1200 or HNSC 1210	Food: Facts and Fallacies or Nutrition for Health and Changing Lifestyles	3
Select one of the following:		3
MATH 1210	Techniques of Classical and Linear Algebra	
MATH 1300	Vector Geometry and Linear Algebra	
MATH 1500	Introduction to Calculus	
MATH 1510	Applied Calculus 1	
MATH 1520	Introductory Calculus for Management and Social Sciences	
Free Elective		3
Hours		30
Year 2		
AGRI 2030	Technical Communications	3
AGRI 2400	Experimental Methods in Agricultural and Food Sciences	3
BIOL 2242	The Flowering Plants	3
BIOL 2520	Cell Biology	3
CHEM/MBIO 2730	Elements of Biochemistry 1	3
CHEM 2740	Introduction to the Biochemistry Laboratory	3
CHEM/MBIO 2750	Elements of Biochemistry 2	3
PLNT 2520/ BIOL 2500	Genetics	3
PLNT 2530	Plant Biotechnology	3
Free Electives		3
Hours		30
Year 3		
ABIZ 2510	Introduction to Agricultural and Food Marketing	3
AGEC 2370/ BIOL 2300	Principles of Ecology	3
PLNT/BIOL 3400	Plant Physiology	3
SOIL 3600	Soils and Landscapes in Our Environment	3

MBIO 1010	Microbiology I	3
PLNT 2500	Crop Production	3
Restricted / Free Electives / Co-op		12
Hours		30
Year 4		
ANSC 2500	Animal Production	3
AGRI 4100	Current Issues in Agricultural Systems	3
Restricted / Free Electives / Co-op		24
Hours		30
Total Hours		120