

Biological Engineering

Biological Sciences Electives

ALS3133	Agricultural & Environmental Quality	3
AGR3001	Environment, Food & Society	3
AGR3005	Principles of Crop Science	3
AGR3303	Genetics	3
ANS3006C	Intro to Animal Science	4
BOT2800C	Plants in Human Affairs	3
BOT3503	Physiology & Molecular Biology of Plants	4
EES3000	Environmental Sciences & Humanity	3
EES3000L	Environmental Sciences & Humanity Lab	1
EES4102	Wastewater Microbiology	2
EES4102L	Environmental Biology Lab	1
EES 4103	Applied Ecology	2
EES4401	Public Health Engineering	3
FOR3004	Forest Conservation & People	3
FOS3042	Introductory Food Science	3
FOS4204	Food Safety and Sanitation	2
FOS4222	Food Microbiology	3
FOS4222L	Food Microbiology Lab	2
FOS4311	Food Chemistry	3
FOS4311L	Food Chemistry Lab	1
FOS 4427C	Principles of Food Processing	4
FOS4522C	Seafood Technology	3
FOS4722C	Quality Control in Foods	3
FOS4731	Government Regulations in Food Industry	2
HUN2201	Fundamentals of Human Nutrition	3
HUN3403	Nutrition through the Life Cycle	2
MCB3020	Basic Biology of Microorganisms	3
MCB3020L	Basic Biology of Microorganisms Lab	2
MCB4304	Genetics of Microorganisms	3
MCB4403	Prokaryotic Cell Structure and Function	3
PCB3034C	Intro to Ecology	4
PCB3063	Genetics	4
PCB3134	Eukaryotic Cell Structure and Function	3
APK2000C	Applied Human Anatomy with Lab	4
APK2105C	Applied Human Physiology with Lab	4
APK3220C	Biomechanical Basis of Movement	3
WIS3401	Wildlife Ecology & Management	3
WIS4443C	Wetland Wildlife Ecology	4

Engineering Electives

ABE3212C	Natural Resources Engineering	4
ABE4171C	Power and Machines for Biological Systems	4
ABE4413C	Postharvest Operations Eng.	3
ABE5643C	Biological and Agricultural Systems Analysis	3
ABE5646	Biological and Agricultural Systems Simulation	3
ABE5707C	Agricultural Waste Management	3
ABE5663	Applied Microbial Biotechnology	3
ECH4323	Process Control Theory	3
ECH4323L	Chemical Engineering Lab 5	1
ECH4504	Chemical Kinetics & Reactor Design	4
ECH4524	Heterogeneous Kinetics & Reaction Design	2
EGM4313	Intermediate Engineering Analysis	4
EGM4473	Experimental Optimum Eng. Design	3
EGM4590	Biodynamics	3
EGM4592	Bio-Solid Mechanics	3
EGM4853	Bio-Fluid Mechanics	3