

Course	Title	Credits
1st Year – Autumn Semester		
MATH 1148 ^a	College Algebra	4
ENGLISH 1110.01 ^a	First-Year English Composition	3
AEDECON 2001 ^a	Principles of Food and Resource Economics	3
CRPSOIL 1201T	Exploring Agronomy, Sustainable Agriculture, and Crop Management and Soil Conservation	0.5
GENSTDS 1201.01T	College Orientation	0.5
CRPSOIL 2210T	Sustainable Agriculture Methods	1
ENR 3100	Introduction to Sustainable Agriculture	3
Total:		15
1st Year – Spring Semester		
GE Launch Seminar	Student Choice	1
GE Lit, Vis and Perf Arts	Student Choice	3
CHEM 1110 or 1210	Elementary Chemistry or General Chemistry I	5
HCS 2202 OR HCS 2204 AND HCS 2205	Form and Function in Cultivated Plants OR Ecology of Managed Plant Systems	4
ELECTIVES	Courses to be selected in consultation with advisor	3
Total:		16
2nd Year – Autumn Semester		
GE Hist. & Cultural Studies	Student Choice	3
CRPSOIL 2210T	Sustainable Agriculture Methods	1
CRPSOIL 2300T	Introduction to Soil Science	3
CRPSOIL 2301T	Introduction to Soil Science Laboratory	1
COMLDR 3537	Data Analysis in the Applied Sciences	3
BIOTECH 2218T	General and Applied Entomology	3
ELECTIVES	Courses to be selected in consultation with advisor	1
Total:		15
2nd Year – Spring Semester		
BIOLOGY 1113.01 ^a	Bio Sci: Energy Transfer and Development	4-5
GE R.E. & G. Diversity	Student Choice	3
AGRCOMM 3130	Oral Expression in Agriculture	3
BUSTEC 2241T	Small Business Management	3
ELECTIVES	Courses to be selected in consultation with advisor	3
Total:		16-17
Total Credits for Associate of Science Degree:		62-63

^a One possible course from approved GE list OR prerequisites and/or corequisites to this major and can also fulfill certain GE Requirements, as outlined in corresponding Degree Requirements document.



Approved List of Electives (Select at least 7 credits from list below)		Credits	Semester
Agricultural Business and Economics			
AEDECON 3141 ^{a, b}	Introduction to Cooperatives	2	SP
BUSTEC 2231T ^{a, b}	Fundamentals of Marketing	3	SP
CRPSOIL 3800T ^{a, c}	Principles of Farm Business Management	4	SP
Agricultural Technology			
CRPSOIL 2280T ^b	Applied Precision Agriculture	3	SP
ENGTECH 2015T ^b	Agricultural Equipment Operation and Maintenance	2	AU
ENGTECH 2016T ^{a, b}	Tillage, Planting, Harvesting, and Storage Equipment	3	AU
Agroecosystems			
CRPSOIL 2265T ^{a, b}	Integrated Pest Management	2	SP
CRPSOIL 2412T ^b	Technology and Field Management of Forage Crops	3	SP
CRPSOIL 2422T ^b	Weed Control Technology	3	AU
HCS 2202 ^c	Form and Function in Cultivated Plants (if not taken above)	4	SP
HCS 2204 AND HCS 2205 ^c	Ecology of Managed Plant Systems (if not taken above)	4	SP
HCS 3100 ^c	Introduction to Agronomy	3	AU
Food Production			
FDSCTE 4410 ^c	Hazard Analysis and Critical Control Points (HACCP)	2	AU, SP
Greenhouse & Vegetable Production			
HORTTEC 2500T ^b	Greenhouse Environment Control	4	AU
HORTTEC 2560T ^b	Greenhouse Vegetable Production	3	SP
Soil & Water Resources			
CRPSOIL 2228T ^b	Manure Management	3	AU
CRPSOIL 2324T ^{a, b}	Soil Management	3	SP
CRPSOIL 2580T ^{a, b}	Soil Fertility and Fertilizers	3	AU
ENGTECH 2040T ^{a, b}	Soil and Water Conservation Systems	4	SP
Sustainable Livestock Production			
ANMSCI 2200.01 ^{b, c}	Introductory Animal Sciences	3	AU, SP
ANMLTEC 2200.02T ^{b, c}	Introduction to Animals Sciences Laboratory	1	AU, SP
ANMLTEC 2202T ^b	Introduction to Beef and Small Ruminant Production	3	AU
ANMLTEC 3132T ^{a, b}	Ruminant Feeds and Feeding	3	SP
ANMLTEC 3167T ^b	Dairy Cattle Milking and Reproductive Management	4	AU
ANMLTEC 3170T ^{a, b}	Principles of Livestock Health	3	SP

^a Consult bulletin for pre- and co-requisite course^b Free elective in BS^c Production elective course in BS