

Course	Title	Credits
1st Year – Autumn Semester		
MATH 1148 ^a	College Algebra	4
ENGLISH 1110.01 ^a	First-Year English Composition	3
CRPSOIL 2300T	Introduction to Soil Science	3
CRPSOIL 2301T	Introduction to Soil Science Laboratory	1
ENGTECH 1201.03T	Exploring Agricultural Systems Management	0.5
GENSTDS 1201.01T	College Orientation	0.5
ENGTECH 2120T	Building Science: Methods & Materials	4
		Total: 16
1st Year – Spring Semester		
GE Hist. & Cultural Studies	Student Choice	3
GE Launch Seminar	Student Choice	1
GE Lit, Vis and Perf Arts	Student Choice	3
AEDECON 2001 ^a	Principles of Food and Resource Economics	3
ANIMSCI 2200.01 OR HCS 2202 OR HCS 2204	Introductory Animal Sciences OR Form and Function in Cultivated Plants OR Ecology of Managed Plant Systems	3-4
ELECTIVES	Courses to be selected in consultation with advisor	3
		Total: 16-17
1st Year – Summer Semester		
ENGTECH 2191.04T	Agricultural Systems Technology Internship	2
		Total: 2
2nd Year – Autumn Semester		
PHYSICS 1200 ^a	Mechanics, Kinematics, Fluids, Waves	4-5
CRPSOIL 2228T	Manure Management	3
ENGTECH 2240T	Welding Technology	3
ELECTIVES	Courses to be selected in consultation with advisor	3
		Total: 13-14
2nd Year – Spring Semester		
GE R.E. & G. Diversity	Student Choice	3
AGRCOMM 3130	Oral Expression in Agriculture	3
AGSYSMT 2305	Professional Development I	2
ENGTECH 2040T	Soil and Water Conservation Systems	4
ELECTIVES	Courses to be selected in consultation with advisor	3
		Total: 15
		Total Credits for Associate of Science Degree: 62-64

^a One possible course from approved GE list or major requirement that has multiple options, as outlined in corresponding Degree Requirements document



Approved List of Technical Electives (Select at least 9 credits from list below)		Credits	Semester
AEDECON 2105 ^{a, b}	Managerial Records and Analysis	3	AU, SP
ANMLTEC 3800T ^{a, b}	Principles of Farm Business Management	4	SP
BIOTECH 2218T ^c	General and Applied Entomology	3	AU, SP
BUSTEC 2231T ^{a, c}	Fundamentals of Marketing	3	SP
BUSTEC 2241T ^{a, b}	Small Business Management	3	AU, SP
BUSTEC 2244T ^{a, c}	Human Resource Management and Leadership	3	AU, SP
BUSTEC 2247T ^b	Business Law	3	AU
BUSTEC 2249T ^{a, c}	Fundamentals of Business Finance	3	SP
COMLDR 3530 ^c	Foundations of Personal and Professional Leadership	3	SP
COMLDR 3537 ^{a, d}	Data Analysis in the Applied Sciences	3	AU
CRPSOIL 2280T ^c	Applied Precision Agriculture	3	SP
CRPSOIL 2580T ^{a, c}	Soil Fertility and Fertilizers	3	AU
ENGTECH 2011T ^e	Small Engine Basics	4	SP
ENGTECH 2016T ^c	Tillage, Planting, Harvesting, and Storage Equipment	3	AU
ENGTECH 2110T ^{a, c} AND ENGTECH 2170T ^{a, c}	Construction Drawings & Basic Estimating AND Construction Project Management	1, 2	AU SP
HORTTEC 2500T ^a	Greenhouse Environment Control	4	AU

^a Consult bulletin for pre- and co-requisite courses.

^b Minor Equivalent in BS

^c ASM elective in BS

^d Data Analysis course in BS

^e Major Coursework in BS