Associate of Applied Science –Equine Industry Management
Course and Program Experience and Outcomes Matrix

Student Learning Outcomes

1. Students will be able to effectively communicate in oral and written form.
2. Students will be able to gather, assimilate, and process information for each sound, logical conclusion.
3. Students will be able to apply economic principles of accounting, marketing, and budgeting to ag enterprises.
4. Students will be able to exhibit required knowledge and skills consistent with their chosen field of study
5. Learning Outcomes specific to Livestock Area options(Livestock Industry Management and Equine Industry Management)
    a. Students will be knowledgeable in the area of modern livestock husbandry and management practices.

Course Number	Course Name	SLO1	SLO2	SLO3	SLO4	SLO5
ASI 1011	Intro to Animal Science	X	X		X	X
ASI 1253	Nutrition	X	X	X	X	X
ASI 1263	Basic Equitation	X	X		X	X
ASI 1303	Animal Management	X	X	X	X	X
ASI 1432	Equine Care	X	X	X	X	X
ASI 1442	Equine Practicum I	X	X	X	X	X
ASI 1501	Equine Safety	X	X		X	X
ASI 2203	Feeds and Feeding	X	X	X	X	X
ASI 2262	Equine Nutrition	X	X		X	X
ASI 2433	Equine Industry Management I	X	X	X	X	X
ASI 2442	Equine Practicum II	A	A	A	A	A
ASI2443	Equine Industry Management II	A	A	A	A	A
AGR 2943	Farm and Ranch Capstone	A	A	A	A	A

"X" for courses or experiences in which students have the opportunity to learn the outcome.
"A" for courses or experiences in which student performance is used for program level assessment of the outcome.

Associate of Applied Science- Livestock Industry Management

Course and Program Experience and Outcomes Matrix

Student Learning Outcomes

1. Students will be able to effectively communicate in oral and written form.
2. Students will be able to gather, assimilate, and process information for each sound, logical conclusion.
3. Students will be able to apply economic principles of accounting, marketing, and budgeting to ag enterprises.
4. Students will be able to exhibit required knowledge and skills consistent with their chosen field of study
5. Learning Outcomes specific to Livestock Area options(Livestock Industry Management and Equine Industry Management)
    a. Students will be knowledgeable in the area of modern livestock husbandry and management practices.

Course Number	Course Name	SLO1	SLO2	SLO3	SLO4	SLO5
AGR 2943	Farm and Ranch Capstone	X	X	X	X	X
ASI 1011	Intro to Animal Science	X	X		X	X
ASI 1203	Feedlot Operations	X	X	X	X	X
ASI 1253	Nutrition	X	X	X	X	X
ASI 1213	Livestock and Carcass Evaluation	X	X	X	X	X
ASI 1253	Nutrition	X	X	X	X	X
ASI 1303	Animal Management	X	X	X	X	X
ASI 2384	Large Animal Diseases and Pharmacology	X	X	X	X	X
ASI 2774	Beef Production Systems	A	A	A	A	A
MKT 2203	Ag Marketing	X	X	X	X	X

"X" for courses or experiences in which students have the opportunity to learn the outcome.
"A" for courses or experiences in which student performance is used for program level assessment of the outcome.

Associate of Science- Agricultural Education
Course and Program Experience and Outcomes Matrix

Student Learning Outcomes

1. Students will be able to effectively communicate in oral and written form.
2. Students will be able to gather, assimilate, and process information for each sound, logical conclusion.
3. Students will be able to apply economic principles of accounting, marketing, and budgeting to ag enterprises.
4. Students will be able to exhibit required knowledge and skills consistent with their chosen field of study.
5. Students will demonstrate a basic knowledge in the areas of biology, chemistry, math, and oral and written communication along with basic understanding of agriculture consistent with standards set for a baccalaureate degree.

Course Number	Course Name	SLO1	SLO2	SLO3	SLO4	SLO5
AED 1101	Early Field Experience	X	X	X	X	X
AED 1103	Agricultural Education, Journalism, and Leadership Careers	X	X	X	X	X
AED 1233	Planning Leadership and Experiential Programs	X	X	X	X	X
AED 2103	Youth Programs	X	X		X	X
AED 2503	Livestock Practicum	X	X	X	X	X
AEQ 1103	Small Engines		X	X	X	X
AEQ 1203	Welding		X	X	X	X
AGR 1201	Principles of Soils Lab		X		X	X
AGR 1203	Principles of Soil		X		X	X
ASI 1011	Intro to Animal Science	X	X		X	X
ASI 1213	Livestock and Carcass Evaluation	X	X	X	X	X
ASI 1303	Animal Management	X	X	X	X	X
ASI 2513	Meat Science	X	X	X	X	X
ECN 1203	Microeconomics	X	X	X	X	X
ECN 1303	Macroeconomics	X	X		X	
PHL 1103	Critical Thinking	X	X			

"X" for courses or experiences in which students have the opportunity to learn the outcome.
"A" for courses or experiences in which student performance is used for program level assessment of the outcome.

Associate of Science- Animal Science
Course and Program Experience and Outcomes Matrix

Student Learning Outcomes

1. Students will be able to effectively communicate in oral and written form.
2. Students will be able to gather, assimilate, and process information for each sound, logical conclusion.
3. Students will be able to apply economic principles of accounting, marketing, and budgeting to ag enterprises.
4. Students will be able to exhibit required knowledge and skills consistent with their chosen field of study.
5. Students will demonstrate a basic knowledge in the areas of biology, chemistry, math, and oral and written communication along with basic understanding of agriculture consistent with standards set for a baccalaureate degree.

Course Number	Course Name	SLO1	SLO2	SLO3	SLO4	SLO5
ABM 2403	Finance	X	X	X	X	
ABM 2854	Farm and Ranch Management	X	X	X	X	X
ACT 1103	Accounting I	X	X	X	X	X
ACT 1203	Accounting II	X	X	X	X	X
ASI 1011	Intro to Animal Science	X	X		X	X
ASI 1024	Fundamentals of Animal Biology	X	X	X	X	X
ASI 1213	Livestock and Carcass Evaluation	X	X	X	X	X
ASI 1253	Nutrition	X	X	X	X	X
ASI 1303	Animal Management	A	A	A	A	A
ASI 2203	Feeds and Feeding	X	X	X	X	
ASI 2384	Large Animal Diseases and Pharmacology	X	X	X	X	X
ASI 2452	Seedstock Preparation and Marketing	X	X	X	X	
ASI 2513	Meat Science	A	A	A	A	A
ASI 2604	Anatomy and Physiology	X	X	X	X	X
ASI 2773	Advanced Reproductive Physiology	X	X	X	X	X
ECN 1203	Microeconomics	X	X	X	X	X
ECN 1303	Macroeconomics	X	X	X	X	X
MGT 2103	Management Concepts	X	X	X	X	X
MGT 2503	Human Resources Management	X	X	X		
PHL 1103	Critical Thinking	X	X	X		

“X” for courses or experiences in which students have the opportunity to learn the outcome.

Associate of Science- Grazing Livestock Systems
Course and Program Experience and Outcomes Matrix

Student Learning Outcomes

1. Students will be able to effectively communicate in oral and written form.
2. Students will be able to gather, assimilate, and process information for each sound, logical conclusion.
3. Students will be able to apply economic principles of accounting, marketing, and budgeting to ag enterprises.
4. Students will be able to exhibit required knowledge and skills consistent with their chosen field of study.
5. Students will demonstrate a basic knowledge in the areas of biology, chemistry, math, and oral and written communication along with basic understanding of agriculture consistent with standards set for a baccalaureate degree.

Course Number	Course Name	SLO1	SLO2	SLO3	SLO4	SLO5
ACT 1103	Accounting I	X	X	X	X	X
AGR 1201	Principles of Soils Lab		X		X	X
AGR 1203	Principles of Soil		X		X	X
ASI 1303	Animal Management	A	A	A	A	A
ASI 2403	Monitoring Techniques and Data Analysis	X	X	X	X	X
ASI 2303	Range Management	X	X	X	X	X
ASI 2513	Meat Science	X	X	X	X	X
ASI 2604	Anatomy and Physiology	X	X	X	X	X
ECN 1203	Microeconomics	X	X	X	X	X
ECN 1303	Macroeconomics	X	X	X	X	X
MGT 2103	Management Concepts	X	X	X	X	X
PHL 1103	Critical Thinking	X	X	X	X	X

"X" for courses or experiences in which students have the opportunity to learn the outcome.
"A" for courses or experiences in which student performance is used for program level assessment of the outcome.