Pathway: Agriculture & Equine

Associate of Applied Science, Agriculture & Equine

The Agriculture & Equine program is designed for students who wish to explore and prepare for a wide range of careers in the fields of agriculture and equine. Students will learn about livestock and horses, facility management, and business management. This program is designed for students who want a broad understanding of this area, those who intend to continue their education in a Bachelors of Applied Science, Business – Applied Management program, and those who are unsure which Ag & Equine program is best for them. Students can easily transition to another program within the Ag & Equine pathway after starting here. Students desiring to transfer to Bachelors of Science degree program upon graduation should consult with their advisor.

Contact Information

Contact information is available on the Ag & Equine website.

Competencies

Upon successful completion of this program, students will be able to:

1. Apply critical thinking with the appropriate academic and technical skills to problems faced by the agriculture and equine industries.
2. Communicate effectively in a persuasive and informative manner.
3. Work productively in teams in the classroom, workplace, and agriculture and equine community.
4. Apply management principles to agriculture and equine enterprises.

Map your individual academic plan of courses with your College Advisor.

Students may need to take prerequisite courses before beginning college level math and English courses or moving through a program's course sequence. Check the Course Descriptions section of the catalog to see the course prerequisites. Students should work with their advising team on determining prerequisite requirements.

Certain courses may only be offered in Fall or Spring semester. Students who are part time or have unique circumstances should work with their Academic Advisors to develop their customized academic plan.

If students choose to transition to another program within the Ag & Equine pathway, they should be particularly aware of the choice points that indicate when a decision to branch off into another program must be made to ensure credits and time are not lost.

Coursework common to all degrees within this pathway is indicated by the √ in the Common Academic Coursework (CAC) column below.

First Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
	√	ANSC 1010	Livestock Production	4	**Milestone-** Completion of AS and AAS Math and English requirements **Milestone-** Completion of ENGL 1010 as a prerequisite for other courses. **Choice Point-** Students choosing to take EQST 1515 will need to take AECL 1000 in the 2nd semester.
SS	√	STRT 1000	Strategies for Success	3	
QL	√	MATH 1400	College Algebra	3	
WC	√	ENGL 1010	English Composition I	3	
NS	√ √	AECL 1000 OR EQST 1515	Agroecology OR Equine Science I	4	
			Semester Total	17	

Second Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
OC	√	COMM 2010	Public Speaking	3	**Choice Point-** Students who have not taken AECL 1000 will need to take it this semester.
	√	AGEC 1020	Agricultural Economics II	3	
		BADM 2010 OR EQST 2985	Legal Environment for Business OR Equine Business	3	
		ANSC 2320 OR EQST 2516	Livestock Health and Management OR Equine Science II	2 3	
NS	√	ANSC 2020 OR AECL 1000	Feeds and Feeding OR Agroecology	4	
			Semester Total	15-16	

Third Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
		ACCT 2010	Principles of Accounting I	3	
		ECON 1010	Macroeconomics	3	
		RGMG 2000 OR EQST 2500	Principles of Range Management OR Equine Health Management	3	
		CMAP 1200	Computer Information Systems	3	
		AGEC 2020	Farm-Ranch Business Management	4	
			Semester Total	16	

Fourth Semester

Gen Ed	CAC	Course code	Course name	Credits	Milestones and Choice Points
		ACCT 2020	Principles of Accounting II	3	**Choice Point-** See listing of approved program electives courses Approved Electives section below. **Milestone-** Completion of AAS Agriculture & Equine degree.
		AGEC 2400	Farm Credit and Finance	4	
CE			Choose an approved Creative Expression course	3	
HSI	√		Choose from an approved U.S./ Wyoming Constitution course	3	
			Choose two program approved electives.	4-5	
			Semester Total	17-18	

Program Credit Hour Total	65-67

Program Approved Electives:

Students may choose from the following approved Agriculture & Equine electives: AECL 1005, ANSC 1100, ANSC 1260, EQST 2800, or EQST 2520.

Program Information

The information below is intended to be a guide, and does not guarantee regional job placement, job availability, or a specific wage after completion of the program.

Students who choose to complete the Agriculture & Equine Degree will be qualified for entry level jobs in the agriculture and equine industry. Qualification for these jobs will vary depending on electives chosen

and other work experience. Possible jobs opportunities may include ranch hand, stall assistant, facilities assistant, agriculture or equine sales, livestock or equine technician, field technician for government agency or crop consulting firm, management and introductory management positions, and other opportunities depending on interest and qualifications.

Additional information on careers in Agriculture & Equine is available through Career Coach.

Transfer Information

This degree is well suited for those who may be interested in pursuing a Bachelor of Applied Science, Business – Applied Management degree at Laramie County Community College.

LCCC courses may transfer to institutions in addition to those above with formal articulation agreements. Students are strongly encouraged to determine the degree requirements and transfer policy of the specific college/university and program to which they plan to transfer.