



2016-2017 PETITION/PROGRAM SHEET
Degree: Associate of Science
Major: Agriculture Science

About This Major . . .

The Agriculture Science curriculum is designed to provide students the fundamentals of agriculture and related business practices. With this degree, students will be well positioned to transfer into a bachelor degree program in agriculture. Graduates are qualified for employment in a variety of positions associated with sustainable agriculture, including horticultural and livestock operations, wholesale and retail management, nursery operations, and environmental and agricultural education.

All CMU associate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Apply business communication using listening, verbal and written, and electronic forms that are needed for entry level employment (communication fluency).
2. Apply Mathematical and applied physics concepts for industry to meet employment requirements (quantitative fluency).
3. Research, evaluate, synthesize and apply information/data relevant to business, sciences, and technical careers (specialized knowledge).
4. Demonstrate knowledge of terminology, symbols, business practices, and principles and application of associated technical skills (critical thinking).
5. Perform the necessary applied skill sets to fulfill the needs of entry level employment (applied learning).
6. Demonstrate ethical, civic, and work place responsibility as part of professional behavior (specialized knowledge).

NAME: _____ **STUDENT ID #:** _____

LOCAL ADDRESS AND PHONE NUMBER: _____
 _____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I have read and understand the policies listed on the last page of this program sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

 Signature of Advisor _____ 20_____
 Date

 Signature of Department Head _____ 20_____
 Date

 Signature of Registrar _____ 20_____
 Date

DEGREE REQUIREMENTS:

- Minimum of 60 hours total (A minimum of 16 taken at CMU in no fewer than two semesters)
- 2.00 cumulative GPA or higher in all CMU coursework
- A grade of "C" or higher must be achieved in coursework toward major content area.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Program sheets are for advising purposes only. Because a program may have requirements specific to the degree, check with your advisor for additional guidelines, including prerequisites, grade point averages, grades, exit examinations, and other expectations. It is the student's responsibility to be aware of, and follow, all guidelines for the degree being pursued. Any exceptions or substitutions must be approved by the faculty advisor and/or Department Head. Courses related to teacher licensure must also be approved by the Teacher Education Dept.
- When filling out the program sheet a course can be used only once.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for additional graduation information.

ESSENTIAL LEARNING REQUIREMENTS (31 semester hours)

See the current catalog for a list of courses that fulfill the requirements below. If a course is on the essential learning list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the general education requirement. The Essential Learning capstone course and co-requisite Essential Speech course (required for bachelor's degrees) cannot be used as options for the below requirements.

Course No	Title	Sem.hrs	Grade	Term
English (6 semester hours)				
ENGL 111	English Composition	3	_____	_____
ENGL 112	English Composition	3	_____	_____
Math MATH 110 or higher (3 semester hours)				
MATH 1__	_____	3	_____	_____
History (3 semester hours)				
_____	_____	3	_____	_____
Humanities (3 semester hours)				
_____	_____	3	_____	_____
Social and Behavioral Sciences (6 semester hours)				
_____	_____	3	_____	_____
_____	_____	3	_____	_____
Fine Arts (3 semester hours)				
_____	_____	3	_____	_____
Natural Sciences (7 semester hours, one must include lab)				
_____	_____	3	_____	_____
_____	_____	3	_____	_____
_____	_____	1	_____	_____

WELLNESS REQUIREMENT (2)

Kinesiology (2 Semester hours)

KINE 100	Health and Wellness	1	_____	_____
KINA 1__	_____	1	_____	_____

ASSOCIATE OF SCIENCE: COURSE REQUIREMENTS

(24 semester hours)

Agriculture Courses (17 semester hours)

AGRS 100	Practical Crop Production	3	_____	_____
AGRS 100L	Practical Crop Production Lab	1	_____	_____
AGRS 102	Agriculture Economics	3	_____	_____
AGRS 105	Animal Science	3	_____	_____
AGRS 205	Farm and Ranch Management	3	_____	_____
AGRS 240	Intro Soil Science	3	_____	_____
AGRS 240L	Intro Soil Science Lab	1	_____	_____

Restricted Electives (select min. of 7 semester hours – see advisor for recommended advising tracks)

Animal Science track:

AGRS 225	Feeds and Feeding	4	_____	_____
AGRS 230	Farm Animal Anatomy/Phys	3	_____	_____
AGRS 250	Live Animal & Carcass Eval	1	_____	_____
AGRS 250L	Live An. & Carcass Eval Lab	2	_____	_____
AGRS 288	Livestock Practicum	1	_____	_____
AGRS 288L	Livestock Practicum Lab	1	_____	_____
AGRS 296	Topics: Sustain. Ag Practices	1-3	_____	_____

Soil & Crop Science track:

ACCT 201	Prin of Financial Acctng	3	_____	_____
AGRS 103	Intro to Entomology	2	_____	_____
AGRS 103L	Intro to Entomology Lab	1	_____	_____
AGRS 110	Integrated Pest Management	3	_____	_____
AGRS 210	Agricultural Marketing	3	_____	_____
AGRS 260	Plant Propagation	3	_____	_____
AGRS 296	Topics: Sustain. Ag Practices	1-3	_____	_____
BIOL 203	Human Nutrition	3	_____	_____
PHYS 100	Concepts of Physics	3	_____	_____

Agriculture Business track:

AGRS 208	Agricultural Finance	3	_____	_____
AGRS 210	Agricultural Marketing	3	_____	_____
CISB 101	Business Info Technology	3	_____	_____

Agriculture Education track:

AGRS 210	Agricultural Marketing	3	_____	_____
AGRS 225	Feeds and Feeding	4	_____	_____
AGRS 118	Farm Structures/Green Houses	3	_____	_____

General Elective

_____	_____	3	_____	_____
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SUGGESTED COURSE SEQUENCING FOR A MAJOR IN AGRICULTURE SCIENCE

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student's responsibility to meet with the assigned advisor and check the 2 year course matrix on the Colorado Mesa website for course availability.

FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours		
AGRS 100	Practical Crop Production	3	AGRS XXX	Restricted Elective*	3
AGRS 100L	Practical Crop Production Lab	1	General Elective		3
AGRS 105	Animal Science	3	ENGL 112	English Composition	3
ENGL 111	English Composition	3	MATH 1__	Essential Learning Mathematics	3
Essential Learning	Natural Science	3	Essential Learning	Natural Science	<u>3</u>
Essential Learning	Natural Science Lab	1			15
KINE 100	Health and Wellness	<u>1</u>			
		15			

SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours		
AGRS 102	Agriculture Economics	3	AGRS 205	Farm and Ranch Management	3
AGRS 240	Intro. Soil Science	3	AGRS XXX	Restricted Elective*	1
AGRS 240L	Intro. Soil Science Lab	1	Essential Learning	Fine Arts	3
AGRS XXX	Restricted Elective*	3	Essential Learning	Soc/Beh. Science	3
Essential Learning	Humanities	3	Essential Learning	Soc/Beh. Science	3
Essential Learning	History	<u>3</u>	KINA*	Activity	<u>1</u>
		16			16
					14

*See advisor for Restricted Electives

POLICIES:

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the catalog for a complete list of graduation requirements.
2. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.**
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature.
5. Finally, the Department Head or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).