



**2014-2015 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 \_\_\_\_\_ Date \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
 Signature of Department Head \_\_\_\_\_ Date \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
 Signature of Registrar \_\_\_\_\_ Date \_\_\_\_\_ 20\_\_\_\_

**Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration.**

**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 the "Undergraduate Graduation Requirements" in the catalog for additional graduation information.

**GENERAL EDUCATION REQUIREMENTS** (31 semester hours)

See the current catalog for a list of courses that fulfill the requirements below. If a course is on the general education 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.

Course No	Title	Sem.hrs	Grade	Term
<b>English</b> (6 semester hours)				
ENGL 111	English Composition	3	_____	_____
ENGL 112	English Composition	3	_____	_____
<b>Math: MATH 110 or higher</b> (3 semester hours)				
MATH 1__	_____	3	_____	_____
<b>History</b> (3 semester hours)				
_____	_____	3	_____	_____
<b>Humanities</b> (3 semester hours)				
_____	_____	3	_____	_____
<b>Social and Behavioral Sciences</b> (6 semester hours)				
_____	_____	3	_____	_____
_____	_____	3	_____	_____

<b>Fine Arts</b> (3 semester hours)	3	_____	_____
_____	_____	_____	_____

<b>Natural Sciences (7 semester hours, one must include lab)</b>	3	_____	_____
_____	3	_____	_____
_____	1	_____	_____

**OTHER LOWER DIVISION REQUIREMENTS** (5 semester hours):

<b>Applied Studies</b> (3 semester hours)	3	_____	_____
_____	_____	_____	_____

**WELLNESS (2)**

<b>Kinesiology</b> (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 recommended advising tracks)

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 118	Farm Structures/Green Houses	3	_____
AGRS 208	Agricultural Finance	3	_____
AGRS 210	Agricultural Marketing	3	_____
AGRS 224	Integrated Ranch Management	3	_____
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 260	Plant Propagation	3	_____
AGRS 288	Livestock Practicum	1	_____
AGRS 288L	Livestock Practicum Lab	1	_____
AGRS 296	Topics: Sustain. Ag Practices	1-3	_____
CISB 101	Business Info Technology	3	_____

## SUGGESTED COURSE SEQUENCING FOR A MAJOR IN SUSTAINABLE AGRICULTURE

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.

### Animal Science Advising Sheet

#### FRESHMAN YEAR

<u>Fall Semester</u>	<u>Hours</u>	<u>Spring Semester</u>	<u>Hours</u>
AGRS 100    Practical Crop Production	3	AGRS 102    Agriculture Economics	3
AGRS 100L    Practical Crop Production Lab	1	AGRS 230    Farm Animal A&P	3
AGRS 105    Animal Science	3	ENGL 112    English Composition	3
ENGL 111    English Composition	3	General Education Natural Science	3
MATH 1__    General Education Mathematics	3	General Education Natural Science Lab	1
KINE 100    Health and Wellness	<u>1</u>	General Education Soc/Beh. Science	<u>3</u>
	14		16

#### SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Hours</u>	<u>Spring Semester</u>	<u>Hours</u>
AGRS 240    Intro. Soil Science	3	AGRS 205    Farm and Ranch Management	3
AGRS 240L    Intro. Soil Science Lab	1	AGRS 288    Livestock Practicum	1
AGRS 250    Live Animal & Carcass Eval	1	General Education Soc/Beh. Science	3
AGRS 250L    Live Animal & Carcass Eval Lab	2	General Education Natural Science	3
General Education Fine Arts	3	Applied Studies	3
General Education History	3	KINA*        Activity	<u>1</u>
General Education Humanities	<u>3</u>		14
	16		

#### 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).

## SUGGESTED COURSE SEQUENCING FOR A MAJOR IN SUSTAINABLE AGRICULTURE

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### Soil & Crop Science Advising Sheet

#### FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
AGRS 100    Practical Crop Production	3	AGRS 102    Agriculture Economics	3
AGRS 100L    Practical Crop Production Lab	1	AGRS 103    Intro to Entomology	2
AGRS 105    Animal Science	3	AGRS 103L    Intro to Entomology Lab	1
ENGL 111    English Composition	3	ENGL 112    English Composition	3
MATH 1__    General Education Mathematics	3	General Education Natural Science	3
KINE 100    Health and Wellness	<u>1</u>	General Education Natural Science Lab	1
	14	General Education Soc/Beh. Science	<u>3</u>
			16

#### SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
AGRS 240    Intro. Soil Science	3	AGRS 205    Farm/Ranch Management	3
AGRS 240L    Intro. Soil Science Lab	1	AGRS 210    Agricultural Marketing	3
General Education Fine Arts	3	General Education Soc/Beh. Science	3
General Education History	3	General Education Natural Science	3
General Education Humanities	3	Applied Studies	3
Elective	<u>1</u>	KINA*    Activity	<u>1</u>
	14		16

## SUGGESTED COURSE SEQUENCING FOR A MAJOR IN SUSTAINABLE AGRICULTURE

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.

### Agriculture Business Advising Sheet

#### FRESHMAN YEAR

<b>Fall Semester</b>	<b>Hours</b>	<b>Spring Semester</b>	<b>Hours</b>
AGRS 100    Practical Crop Production	3	AGRS 102    Agriculture Economics	3
AGRS 100L    Practical Crop Production Lab	1	AGRS 205    Farm/Ranch Management	3
AGRS 105    Animal Science	3	ENGL 111    English Composition	3
Applied Studies (rec. CISB 101)	3	General Education Natural Science	3
MATH 1__    General Education Mathematics	3	General Education Natural Science Lab	1
KINE 100    Health and Wellness	<u>1</u>	General Education Soc/Beh. Science	<u>3</u>
	14		16

#### SOPHOMORE YEAR

<b>Fall Semester</b>	<b>Hours</b>	<b>Spring Semester</b>	<b>Hours</b>
AGRS 240    Intro. Soil Science	3	AGRS 208    Agricultural Finance	3
AGRS 240L    Intro. Soil Science Lab	1	AGRS 210    Agricultural Marketing	3
General Education Fine Arts	3	General Education Soc/Beh. Science	3
General Education History	3	General Education Natural Science	3
General Education Humanities	3	KINA*    Activity	1
Elective	<u>1</u>	Elective	<u>3</u>
	14		16

## SUGGESTED COURSE SEQUENCING FOR A MAJOR IN SUSTAINABLE AGRICULTURE

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.

### Agriculture Education Advising Sheet

#### FRESHMAN YEAR

<b>Fall Semester</b>	<b>Hours</b>	<b>Spring Semester</b>	<b>Hours</b>
AGRS 100    Practical Crop Production	3	AGRS 102    Agriculture Economics	3
AGRS 100L    Practical Crop Production Lab	1	AGRS 205    Farm/Ranch Management	3
AGRS 105    Animal Science	3	ENGL 112    English Composition	3
ENGL 111    English Composition	3	General Education Natural Science	3
MATH 1__    General Education Mathematics	3	General Education Natural Science Lab	1
KINE 100    Health and Wellness	<u>1</u>	General Education Soc/Beh. Science	<u>3</u>
	14		16

#### SOPHOMORE YEAR

<b>Fall Semester</b>	<b>Hours</b>	<b>Spring Semester</b>	<b>Hours</b>
AGRS 240    Intro. Soil Science	3	AGRS 210    Agricultural Marketing	3
AGRS 240L    Intro. Soil Science Lab	1	AGRS 225    Feeds and Feeding	4
General Education Fine Arts	3	General Education Soc/Beh. Science	3
General Education History	3	General Education Natural Science	3
General Education Humanities	3	Applied Studies	<u>3</u>
KINA*      Activity	<u>1</u>		16
	14		