



## AGENDA

Western Colorado Community College Curriculum Committee

September 9, 2014

BA (Youngblood) Room 126 3:30pm

I. **Roll call:** Introduction of returning members.

II. **Minutes:** from Last meeting

### III. **Old Business**

A. Election of Officers, and nomination of new members

B. Department Representative Term Expires

1. Group A – Glen Hoff Spring 2016
2. Group B Alaa Kassir Spring 2015
3. Group C - Carolyn Ferreira-Lillo Spring 2015
4. At Large Bill Campbell Spring 2016
5. At Large Michael Carsten Spring 2015
6. Vice Chair of the Undergraduate Curriculum Committee – Jeremy Hawkins

Ex-Officio Members

1. Library Representative- Laureen Cantwell
2. Secretary (non voting) Tammy Murray
3. Registrar (or designee) Holly Teal
4. VP of Academic Affairs (or designee) Carol Futhey
5. VP Community College Affairs (or designee) Brigitte Sundermann
6. Course Description Evaluator: Regis Tucci

Officers

1. Chair: TBD
2. Vice Chair Michael Carsten

C. **Resubmit:** It was approved in the last meeting 4/8/14 and was sent to UCC and not received:

**Program Modification:** A.A.S. Administrative Office Technology:

Emphasis: Administrative Professional

- a. Petition/Program sheet change: Update the program sheets to reflect the changes made by Visual Communication changes to their titles.

**IV. New business:**

A. Draft of the dates and deadlines for 2013-14 AY

UCCC Dates

<http://www.coloradomesa.edu/facsenate/documents/UCCDatesandDeadlines2014-2015.pdf>

B. New policy and procedure manual (download)

[http://www.coloradomesa.edu/facsenate/documents/Facultysenatestandingcommitteeonpolicyandprocedures\\_13\\_14.pdf](http://www.coloradomesa.edu/facsenate/documents/Facultysenatestandingcommitteeonpolicyandprocedures_13_14.pdf)

C. New Form on line

<http://www.coloradomesa.edu/facsenate/curriculumresources.htm>

D. Program Modification: A.S Agriculture Science

1. Intra-Departmental change: Add restricted Electives

a) PHYS 100: Concepts of Physics

b) BIOL 203: Human Nutrition

E. Time limit for tabled items

F. Discussion committee for curriculum changes

V. Adjourn

# WCCC Curriculum Committee: Important Dates and Deadlines for Academic Year 2014-2015

## Proposal Process, Dates, Deadlines

Submit /Discuss materials with Dept Head and Dept Curriculum Committee Representative	Materials due to Library (if assessment is needed), Course Description Evaluator, Director of Financial Aid, and Any Affected Departments	Curriculum proposals due by Noon to WCCC Chair (submitted via email to cferreir@coloradomesa.edu)	Curriculum Committee Notifies Departments of Any Proposals in Need of Revision Before Being Accepted on to Agenda	Requested Revisions Due by Noon to WCCC	Chair distributes Agenda	WCCC Curriculum Committee Meets / Acts on Proposals	Minutes Sent to WCCC Members (tentative dates)	WCCC Approves Minutes/ Minutes Sent to Faculty Senate and U.C.C	U C C proposals due by Noon to Academic Affairs Office (submitted via email to curriculum@coloradomesa.edu)		For U.C.C MEETINGS	For Faculty Senate Meetings
All proposals must be approved by the Department Head and CC rep prior to submission. Due dates will vary by department	<b>Tuesday</b>	<b>Tuesday</b>	<b>Friday</b>	<b>Tuesday</b>	<b>Thursday</b>	<b>Tuesday</b>	<b>Friday</b>	<b>Thursday</b>	<b>Thursday</b>		<b>Thursday</b>	<b>Thursday</b>
	9-Aug	26-Aug	29-Aug	2-Sep	4-Sep	9-Sep	12-Sep	18-Sep	3-Oct		23-Oct	30-Oct
	23-Sep	30-Sep	3-Oct	7-Oct	9-Oct	14-Oct	17-Oct	23-Oct	23-Oct		13-Nov	20-Nov
	21-Oct	28-Oct	31-Oct	4-Nov	6-Nov	11-Nov	14-Nov	20-Nov	20-Nov		11-Dec	18-Dec
	11-Nov	18-Nov	<b>21-Nov</b>	2-Dec	4-Dec	9-Dec	12-Dec	18-Dec	1-Jan		<b>22-Jan</b>	29-Jan
	<b>31-Dec</b>	6-Jan	9-Jan	13-Jan	15-Jan	20-Jan	23-Jan	29-Jan	<b>5-Feb</b>		26-Feb	5-Mar
	20-Jan	27-Jan	30-Jan	3-Feb	5-Feb	10-Feb	13-Feb	19-Feb	19-Feb		12-Mar	19-Mar
	17-Feb	24-Feb	27-Feb	3-Mar	5-Mar	10-Mar	13-Apr	19-Mar	20-Mar		9-Apr	16-Apr
	24-Mar	31-Mar	3-Apr	7-Apr	9-Apr	14-Apr	17-Apr	23-Apr	14-Aug		fall 15	Fall 15

**12/31/14 Is the deadline to submit course changes that will appear in summer/fall course schedule for 2015-2016**



## Intra-Departmental Curriculum Change Memo

**Department Name: WCCC: Business, Applied Science, Info Services**

**Curriculum changes not listed below cannot be submitted on this form.**

**Use a separate form for each category of change.**

Intention	Yes	No	Required information for course modification (provide in the text boxes in this column)
Establish an experimental (i.e., topics) course.	<input type="checkbox"/>	<input type="checkbox"/>	Use Course Addition form. (An experimental course may be offered only twice before request for permanency.)
Modify a course prerequisite within the same department.	<input type="checkbox"/>	<input type="checkbox"/>	Course prefix, number, title and lists of old and new prerequisites.
Modify a course co-requisite within the same department.	<input type="checkbox"/>	<input type="checkbox"/>	Course prefix, number, title and lists of old and new co-requisites.
Modify a course title.	<input type="checkbox"/>	<input type="checkbox"/>	Course prefix, number, old title and new title.
Modify a course catalog description.	<input type="checkbox"/>	<input type="checkbox"/>	Course prefix, number, title, old catalog description and new catalog description. (New and modified course descriptions must be approved first by Course Description Evaluator.)
Establish a cross-listed course within the same department.	<input type="checkbox"/>	<input type="checkbox"/>	Course prefix, number, and catalog description for the existing and the dual listed course. (New and modified course descriptions must be approved first by Course Description Evaluator.)

Intention	Yes	No	Required information for program modification (submit marked up program sheet)
Modify list of recommended electives in a program.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Current year's program sheet marked up with proposed changes.
Modify sequencing of courses within a program.	<input type="checkbox"/>	<input type="checkbox"/>	Current year's program sheet marked up with proposed changes.
Modify name of an emphasis, cognate, track, or concentration.	<input type="checkbox"/>	<input type="checkbox"/>	Current year's program sheet marked up with proposed changes.
Modify a program that	<input type="checkbox"/>	<input type="checkbox"/>	Current year's program sheet marked up with proposed changes
a. does not alter faculty, space, library, lab or other resource requirements, AND b. does not alter any program student learning outcomes, AND c. does not affect any other department, AND d. does not alter student admission or graduation requirements, AND e. does not adversely affect student progress through the program, AND f. does not create any hidden prerequisites.			

Intention	Yes	No	Required information for program deletion, deactivation or reactivation (enter in text box below this table)
Delete a program.	<input type="checkbox"/>	<input type="checkbox"/>	Justification and course teach-out plan.
Deactivate a program.	<input type="checkbox"/>	<input type="checkbox"/>	Justification and course teach-out plan.
Reactivate a program.	<input type="checkbox"/>	<input type="checkbox"/>	Justification and course teach-out plan.

For program deletion, deactivation, or reactivation, type the justification for the change and the course teach-out plan in the box below.

**In addition to providing all the above information, also accomplish the following:**

1. If this proposal includes a catalog description change, submit the course catalog description to the Course Description Evaluator a week prior to the published proposal submission deadline.
2. If this proposal includes a new topical course outline, submit this completed form to the Library's Curriculum Committee representative a week prior to the published proposal submission deadline.
3. Obtain departmental approval according to department-specific procedures.

**PROPOSED AND PREPARED BY:**

Name: **Ben Keefer**

Email:

Date: **9/4/2014**

Phone:

**REVIEWED BY DEPARTMENT'S CURRICULUM COMMITTEE REPRESENTATIVE:**

Name: **Michael Carsten**

Date: **9/9/2014**

**APPROVED BY DEPARTMENT HEAD:**

Name: **John Sluder**

Date: **9-4-2014**

**For Graduate Curriculum Committee: submit this form to the GCC Chair.**

**For Undergraduate Curriculum Committee: submit this form to Academic Affairs via email at [UCC\\_Chair@coloradomesa.edu](mailto:UCC_Chair@coloradomesa.edu).**

**For WCCC CC Curriculum Committee: submit this form to the WCCC CC Chair.**



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	_____	_____

**Fine Arts** (3 semester hours)

\_\_\_\_\_ 3 \_\_\_\_\_

**Natural Sciences (7 semester hours, one must include lab)**

\_\_\_\_\_ 3 \_\_\_\_\_  
 \_\_\_\_\_ 3 \_\_\_\_\_  
 \_\_\_\_\_ 1 \_\_\_\_\_

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

**Applied Studies** (3 semester hours)

\_\_\_\_\_ 3 \_\_\_\_\_

**WELLNESS (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 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	_____
PHYS 100	Concepts of Physics	3	_____
BIOL 203	Human Nutrition	3	_____

Formatted: Font color: Red

## 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

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 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	1	General Education Soc/Beh. Science	3
	14		16

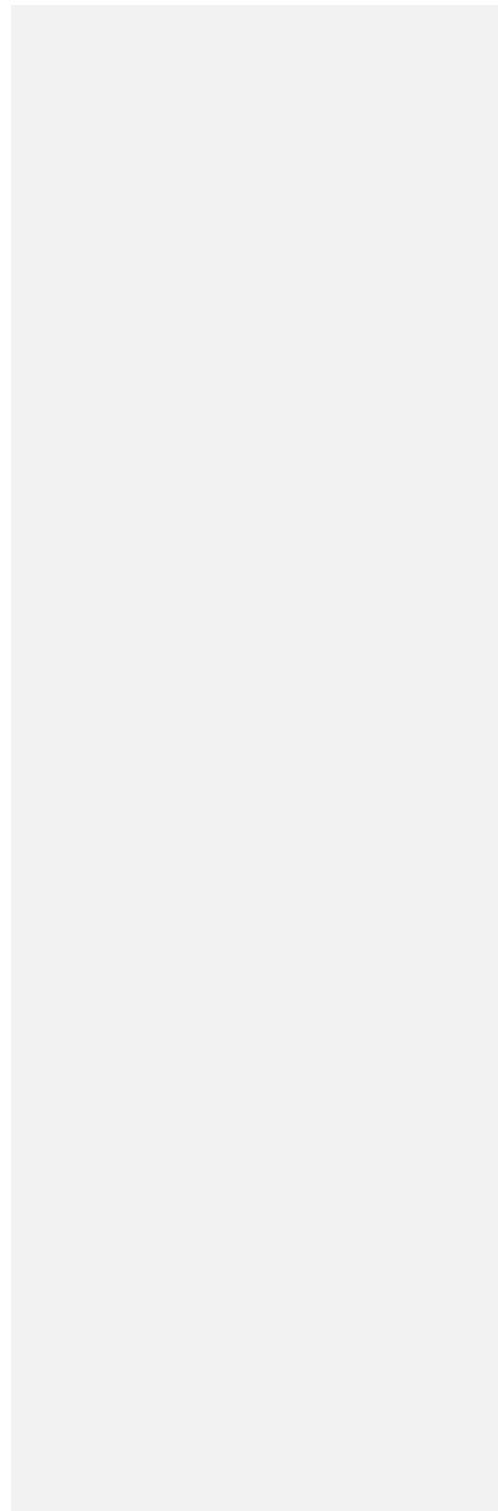
#### SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
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	1
General Education Humanities	3		1
	16		14

#### 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

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.

### 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	1	General Education Natural Science Lab	1
	14	General Education Soc/Beh. Science	3
			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	1	KINA*    Activity	1
	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

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 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	1	General Education Soc/Beh. Science	3
	14		16

#### SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
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	1	Elective	3
	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

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 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

Fall Semester	Hours	Spring Semester	Hours
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		

## CSU MOU CMU Curriculum Changes

To align with the Colorado State University agricultural Memorandum-of-Understanding (MOU), and align as closely as possible with the Colorado Community College System State Wide Agreement, we are proposing curriculum changes listed below:

Add two restricted electives:

Concepts of Physics	3.0	PHYS 100	3.0
---------------------	-----	----------	-----

Human Nutrition	3.0	BIOL 203	3.0
-----------------	-----	----------	-----

Adjust Suggested Advising Sheets to reflect CSU MOU check sheets: See attached.

**Memorandum of Understanding  
for a Bachelor of Science Degree**

**Colorado State University  
Fort Collins, Colorado**

and

**Western Colorado Community College/Colorado Mesa University**

The purpose of this memorandum of understanding is to identify the courses a student at **Western Colorado Community College/Colorado Mesa University (WCCC)** must successfully complete as part of an Associates Science (AS) degree. Successful completion of these courses will prepare the student to complete one of three designated baccalaureate degree programs at **Colorado State University (CSU)**.

1. B.S. in Agricultural Business
2. B.S. in Animal Sciences
3. B.S. in Soil and Crop Sciences

The agreements and limitations below describe the minimum requirements.

**Agreements**

Students who complete an AS degree **and** the prescribed curriculum in the memorandum of understanding **and** are admitted (with no academic deficiencies that require additional coursework) to Colorado State University are guaranteed the following:

- Junior standing with a maximum of no more than 64 credits in transfer from a 2-year institution that will apply towards overall university graduation requirements for the baccalaureate degrees covered by this agreement.
- The same graduation requirements as students who begin and complete one of the degree programs at Colorado State University listed in this MOU.

**LIMITATIONS**

- Completion of the curriculum prescribed within this agreement does not guarantee admission to Colorado State University. Students must meet all admission and application requirements at Colorado State University including the submission of all required documentation by stated deadlines.
- Only courses with grades of C- or higher are guaranteed to transfer.
- The credit and course transfer guarantees described in this agreement apply to the degree programs listed above. Colorado State University will evaluate application of the courses designated in this agreement to other degree programs on a course-by-course basis.
- Students who wish to use credits awarded by exam, such as AP (Advanced Placement), or IB (International Baccalaureate), to fulfill specific course requirements of their AS degree are responsible for consulting with Colorado State University to determine whether the credits they have been awarded by exam meet the standards for specific course equivalents.
- Colorado State University will accept all applicable credits earned within ten years of transfer. Credits earned more than ten years earlier will be evaluated on a course-by-course basis.

**PRESCRIBED CURRICULUM for Agricultural Business**

Required General Education Courses				34.0
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Communication	6.0	ENGL 111 ENGL 112	6.0	CO 130 CO 150
Mathematics	4.0	MATH 113 or higher	4.0	MATH 117, 118, 124 and 1++1B or Any course from CMU GT-MA categories
Arts & Humanities	6.0	Two courses from CMU GT- AH categories	6.0	
History	3.0	One course from GT-H1 list	3.0	
Social & Behavioral Sciences	6.0	ECON 201 <b>AND</b> One additional course from CMU GT-SS1, GT-SS2 or GT- SS3 lists	3.0  3.0	ECON 204 <b>AND</b> Any course from CMU GT-SS categories
Natural & Physical Sciences	Min of 9.0	BIOL 101 & 101L <b>or</b> BIOL 105 & 105L <b>AND</b> CHEM 121 & 121L <b>or</b> CHEM 131 & 131L	4.0  5.0  5.0  5.0	BZ 1++3A & 1++3L <b>or</b> LIFE1++3A & LIFE1++3L <b>AND</b> CHEM 107 & 108 <b>or</b> CHEM 111 & 112
<b>Additional Required Courses</b>				<b>21.0</b>
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Practical Crop Production <b>AND</b> Practical Crop Production Lab	3.0  1.0	AGRS 100 <b>AND</b> AGRS 100L	4.0	SOCR 100
Agriculture Economics	4.0	AGRS 102	4.0	AREC 202 & 1++
Animal Science	3.0	AGRS 105	3.0	ANEQ 101
Farm and Ranch Management	3.0	AGRS 205	3.0	AREC 2++
Introduction to Soil Science <b>AND</b> Introduction to Soil Science Lab	3.0  1.0	AGRS 240 <b>AND</b> AGRS 240L	4.0	SOCR 240
Business Information Technology	3.0	CISB 101	3.0	CIS 200
<b>Elective Credit</b>				<b>6.0</b>
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Agriculture Finance	3.0	AGRS 208	3.0	AREC 2++
Agriculture Marketing	3.0	AGRS 210	3.0	AREC 2++
Probability and Statistics	3.0	STAT 200	3.0	STAT 204
Feeds and Feeding	3.0	AGRS 225	3.0	ANEQ 220
Farm Animal Anatomy and Physiology	3.0	AGRS 230	3.0	ANEQ 230
Live Animal and Carcass Evaluation <b>AND</b> Live Animal & Carcass Evaluation Lab	1.0  2.0	AGRS 250 <b>AND</b> AGRS 250L	3.0	ANEQ 250
Livestock Practicum <b>AND</b> Livestock Practicum Lab	1.0  1.0	AGRS 288 <b>AND</b> AGRS 288L	2.0	ANEQ 286
<b>Total</b>				<b>61.0</b>

**PRESCRIBED CURRICULUM for Animal Science**

Required General Education Courses				35.0
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Communication	6.0	ENGL 111 ENGL 112	6.0	CO 130 CO 150
Mathematics	4.0	MATH 113 or higher	4.0	MATH 117, 118, 124 and 1++1B or Any course from CMU GT-MA categories
Arts & Humanities	6.0	Two courses from CMU GT- AH categories	6.0	
History	3.0	One course from GT-H1 list	3.0	
Social & Behavioral Sciences	6.0	Two courses from CMU GT- SS1, GT-SS2 or GT-SS3 lists		
Natural & Physical Sciences	10.0	BIOL 105 & 105L <b>AND</b> CHEM 121 & 121L or CHEM 131 & 131L	5.0 5.0 5.0	LIFE1++3A & LIFE1++3L <b>AND</b> CHEM 107 & 108 or CHEM 111 & 112
<b>Additional Required Courses</b>				<b>21.0</b>
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Practical Crop Production <b>AND</b> Practical Crop Production Lab	3.0 1.0	AGRS 100 <b>AND</b> AGRS 100L	4.0	SOCR 100
Agriculture Economics	4.0	AGRS 102	4.0	AREC 202 & 1++
Animal Science	3.0	AGRS 105	3.0	ANEQ 101
Farm and Ranch Management	3.0	AGRS 205	3.0	AREC 2++
Introduction to Soil Science <b>AND</b> Introduction to Soil Science Lab	3.0 1.0	AGRS 240 <b>AND</b> AGRS 240L	4.0	SOCR 240
Business Information Technology	3.0	CISB 101	3.0	CIS 200
<b>Elective Credit</b>				<b>6.0</b>
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Feeds and Feeding	3.0	AGRS 225	3.0	ANEQ 220
Farm Animal Anatomy and Physiology	3.0	AGRS 230	3.0	ANEQ 230
Live Animal and Carcass Evaluation <b>AND</b> Live Animal & Carcass Evaluation Lab	1.0 2.0	AGRS 250 <b>AND</b> AGRS 250L	3.0	ANEQ 250
Livestock Practicum <b>AND</b> Livestock Practicum Lab	1.0 1.0	AGRS 288	2.0	ANEQ 286
<b>Total</b>				<b>62.0</b>



**PRESCRIBED CURRICULUM for Soil and Crop Sciences**

<b>Required General Education Courses</b>				<b>35.0</b>
	<b>Total Credits Required</b>	<b>WCCC/CMU Course</b>	<b>Credit Awarded</b>	<b>CSU Course</b>
Communication	6.0	ENGL 111 ENGL 112	6.0	CO 130 CO 150
Mathematics	4.0	MATH 113 or higher	4.0	MATH 117, 118, 124 and 1++1B or Any course from CMU GT-MA categories
Arts & Humanities	6.0	PHIL 105 <b>AND</b> One course from CMU GT-AH categories	6.0	PHIL 1++3B <b>AND</b> Any course from CMU GT-AH categories
History	3.0	One course from GT-H1 list	3.0	
Social & Behavioral Sciences	6.0	Two courses from CMU GT- SS1, GT-SS2 or GT-SS3 lists		
Natural & Physical Sciences	10.0	CHEM 121 & 121L or CHEM 131 & 131L <b>AND</b> CHEM 122 & 122L	5.0  5.0  5.0	CHEM 107 & 108 or CHEM 111 & 112 <b>AND</b> CHEM 245 & 246
<b>Additional Required Courses</b>				<b>21.0</b>
	<b>Total Credits Required</b>	<b>WCCC/CMU Course</b>	<b>Credit Awarded</b>	<b>CSU Course</b>
Practical Crop Production <b>AND</b> Practical Crop Production Lab	3.0  1.0	AGRS 100 <b>AND</b> AGRS 100L	4.0	SOCR 100
Agriculture Economics	4.0	AGRS 102	4.0	AREC 202 & 1++
Animal Science	3.0	AGRS 105	3.0	ANEQ 101
Farm and Ranch Management	3.0	AGRS 205	3.0	AREC 2++
Introduction to Soil Science <b>AND</b> Introduction to Soil Science Lab	3.0  1.0	AGRS 240 <b>AND</b> AGRS 240L	4.0	SOCR 240
Concepts of Physics	3.0	PHYS 100	3.0	PH 110
<b>Elective Credit</b>				<b>6.0</b>
	<b>Total Credits Required</b>	<b>WCCC/CMU Course</b>	<b>Credit Awarded</b>	<b>CSU Course</b>
Integrated Pest Management	3.0	AGRS 110	0.0	No Equivalent
Agriculture Finance	3.0	AGRS 208	3.0	AREC 2++
Agriculture Marketing	3.0	AGRS 210	3.0	AREC 2++
Feeds and Feeding	3.0	AGRS 225	3.0	ANEQ 220
Plant Propagation	3.0	AGRS 260	0.0	No Equivalent
Probability and Statistics	3.0	STAT 200	3.0	STAT 204
Business Information Technology	3.0	CISB 101	3.0	CIS 200
Human Nutrition	3.0	BIOL 203	3.0	FSHN 150
<b>Total</b>				<b>62.0</b>

## Addendum to Agreement

Students who do not complete an AS degree can use the prescribed curriculum within this agreement as a common advising guide for transfer to Colorado State University in one of the three designated baccalaureate degree programs listed on the first page.

Please note the following:

1. The guarantee that the number of credits required to graduate will be at the minimum for this baccalaureate degree program applies only to students who complete the AAS degree and the complete curriculum prescribed in this agreement.
2. Except in special cases (e.g., the partial completion of a required sequence of courses or variation in the number of credit hours institutions award for course equivalents), students can expect that courses specified within the prescribed curriculum in this agreement that are successfully completed with a C- or higher will fulfill the relevant course requirements in the designated major.
3. Colorado State University will evaluate all courses other than those specified in this agreement on a course-by-course basis.
4. Additions or deletions to the "Elective Credit" section for each major can be made during the period of the agreement if the following occurs:
  - a. The Department Chair and MOU liaison for each institution discuss, review and approve the suggested addition or deletion.
  - b. Once approved the recommendations are funneled to the appropriate Administrative Offices (i.e. Dean, Associate Dean, Provost, etc...) in memo format for final approval as well as to be filed with the signed MOU on file at the institution.
  - c. The memo is CC'd to the Evaluation Office at the institution so changes can be updated in appropriate systems for transfer. (i.e. Admissions, Registrar's Office, etc...)

Students transferring without a completed AS degree must consult with the Office of Admissions at the institution to which they are considering transferring to review the issues identified above and to make sure they meet all admission and application requirements at the receiving institution, including the submission of all required documentation by stated deadlines.

This agreement will remain in force until such time as the curriculum of the degree program changes or a participating institution requests reconsideration of the terms of the agreement.

Dated: \_\_\_\_\_, 2014.

**Colorado State University – Fort Collins**

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_  
Agricultural Business Department Head

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_  
Animal Sciences Department Head

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_  
Soil and Crop Sciences Department Head

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_  
Dean - College of Agricultural Sciences

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_  
Vice President for Academic Affairs

**Western Colorado Community College/Colorado Mesa University**

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_  
Provost/Vice President of Academic Affairs

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_  
Vice President of Community College Affairs