

**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 AND One additional course from CMU GT-SS1, GT-SS2 or GT- SS3 lists	3.0 3.0	ECON 204 AND Any course from CMU GT-SS categories
Natural & Physical Sciences	Min of 9.0	BIOL 101 & 101L or BIOL 105 & 105L AND CHEM 121 & 121L or CHEM 131 & 131L	4.0 4.0 5.0 5.0	BZ 1++3A & 1++3L or LIFE1++3A & LIFE1++3L AND CHEM 107 & 108 or CHEM 111 & 112
Additional Required Courses				20.0
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Practical Crop Production AND	3.0	AGRS 100 AND	4.0	SOCR 100
Practical Crop Production Lab	1.0	AGRS 100L		
Agriculture Economics	3.0	AGRS 102	3.0	AREC 202
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 AND	3.0	AGRS 240 AND	4.0	SOCR 240
Introduction to Soil Science Lab	1.0	AGRS 240L		
Business Information Technology	3.0	CISB 101	3.0	CIS 200
Elective Credit				6.0
	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 AND	1.0	AGRS 250 AND	3.0	ANEQ 250
Live Animal & Carcass Evaluation Lab	2.0	AGRS 250L		
Livestock Practicum AND	1.0	AGRS 288 AND	2.0	ANEQ 286
Livestock Practicum Lab	1.0	AGRS 288L		
Total				60.0

PRESCRIBED CURRICULUM for Animal Science

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	Two courses from CMU GT- SS1, GT-SS2 or GT-SS3 lists	6.0	
Natural & Physical Sciences	9.0	BIOL 105 & 105L AND CHEM 121 & 121L or CHEM 131 & 131L	4.0 5.0 5.0	LIFE1++3A & LIFE1++3L AND CHEM 107 & 108 or CHEM 111 & 112
Additional Required Courses				20.0
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Practical Crop Production AND Practical Crop Production Lab	3.0 1.0	AGRS 100 AND AGRS 100L	4.0	SOCR 100
Agriculture Economics	3.0	AGRS 102	3.0	AREC 202
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 AND Introduction to Soil Science Lab	3.0 1.0	AGRS 240 AND AGRS 240L	4.0	SOCR 240
Business Information Technology	3.0	CISB 101	3.0	CIS 200
Elective Credit				6.0
	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 AND Live Animal & Carcass Evaluation Lab	1.0 2.0	AGRS 250 AND AGRS 250L	3.0	ANEQ 250
Livestock Practicum AND Livestock Practicum Lab	1.0 1.0	AGRS 288	2.0	ANEQ 286
Total				60.0

PRESCRIBED CURRICULUM for Soil and Crop Sciences

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	PHIL 105 AND One course from CMU GT- AH1 categories	6.0	PHIL 1++3B AND Any course from CMU GT-AH1 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	6.0	
Natural & Physical Sciences	10.0	CHEM 121 & 121L or CHEM 131 & 131L AND CHEM 122 & 122L	5.0 5.0 5.0	CHEM 107 & 108 or CHEM 111 & 112 AND CHEM 245 & 246
Additional Required Courses				20.0
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
Practical Crop Production AND Practical Crop Production Lab	3.0 1.0	AGRS 100 AND AGRS 100L	4.0	SOCR 100
Agriculture Economics	3.0	AGRS 102	3.0	AREC 202
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 AND Introduction to Soil Science Lab	3.0 1.0	AGRS 240 AND AGRS 240L	4.0	SOCR 240
Concepts of Physics	3.0	PHYS 100	3.0	PH 110
Elective Credit				6.0
	Total Credits Required	WCCC/CMU Course	Credit Awarded	CSU Course
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
Total				61.0

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 be effective beginning October 1, 2014 and remain in force for five years at which time it may be renewed for an additional five years if agreed to by both institutions. CMU and CSU will meet annually at the end of each academic year to evaluate the program's progress. If either institution concludes that this agreement should be terminated prior to the initial five-year period, a request must be made in writing to the partner institution at least one semester prior to the termination and a "teach out" plan must be agreed to for students to complete the program.


Dated: October 1, 2014


Colorado State University – Fort Collins

Printed Name: Gregory M. Perry
Signature: 
Agricultural Business Department Head

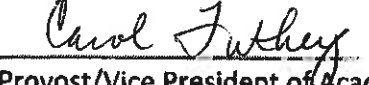
Printed Name: KEVIN POND
Signature: 
Animal Sciences Department Head


Printed Name: Eugene F. Kelly
Signature: 
Soil and Crop Sciences Department Head

Printed Name: Craig Beeghly
Signature: 
Dean - College of Agricultural Sciences

Printed Name: RICK MIRANDA
Signature: 
Vice President for Academic Affairs

Western Colorado Community College/Colorado Mesa University

Printed Name: CAROL FURTHEY
Signature: 
Provost/Vice President of Academic Affairs

Printed Name: BRIGITTE SÜNDERMANN
Signature: 
Vice President of Community College Affairs