



MEMORANDUM OF UNDERSTANDING

between

Walla Walla Community College

and

the College of Agricultural, Human, and Natural Resource Sciences

Washington State University



Walla Walla Community College and Washington State University (WSU) hereby enter into a Memorandum of Understanding (MOU) based on a Customized Articulation Agreement (CAA) for transfer students from WWCC to WSU with an AAS-T degree in Agricultural Technology and Production Management who follow the attached advising recommendations and matriculate into a B.S. degree in Agricultural and Food Systems, Agricultural Technology and Production Management Major in the College of Agricultural, Human, and Natural Resource Sciences (CAHNRS) at Washington State University.

This Customized Articulation Agreement is intended to eliminate duplication of coursework and better integrate programs to ensure a more efficient pathway to graduation. The purpose of this set of advising recommendations is to provide students of WWCC a more efficient transfer pathway to Washington State University (WSU). Students who complete the AAS-T degree in Agricultural Technology and Production Management with at least a 2.0 cumulative grade point average will be certified as Agricultural Technology and Production Management majors at WSU; and will be granted Junior standing, assuming the total number of credits accepted in transfer equals at least 60 semester credits.


Transfer coursework for students completing the WWCC degree covered by this MOU will be applied to the Washington State University Common Requirements (UCORE, the general education program), as applicable under the WSU Transfer Course Equivalency Guidelines, and to the individual degree options within the CAHNRS as specified in this agreement. The transfer of credit allowed under this MOU is structured to maximize the use of WWCC credit applicable to each specific degree option, up to the total of 73 semester credits of lower-division transfer credit allowed under Washington State University policy. All such credit not applicable under the WSU Transfer Course Equivalency Guidelines applies only to the WSU degree(s) covered by this agreement. If students transfer prior to completing the transfer degree, acceptance of the courses toward a WSU degree will be based on WSU Transfer Equivalency Guidelines.

The agreed upon courses of study are outlined in Attachments A and B of this MOU. Attachment A details the specific set of requirements to be completed at Walla Walla Community College and Washington State University in order to earn a B.S. degree in Agricultural and Food Systems, Agricultural Technology and Production Management Major. Attachment B specifies the required term-by-term course of study as offered by WWCC and WSU.

The required course of study may be changed at any time with the mutual written agreement of the participating institutions. At such time, the Attachments to this MOU will be updated. Suggestions about which courses of study need to be reviewed will be called for each year. However, unless otherwise agreed upon by both institutions on an individual student basis, students will be responsible for the course of study at Walla Walla Community College and Washington State University in effect at the time the student enters the WWCC AAS-T degree in Agricultural Technology and Production Management specified in this MOU.

The undersigned certify this Memorandum of Understanding:

Washington State University



Dr. Erica Austin, Interim Co-Provost

6/3/16

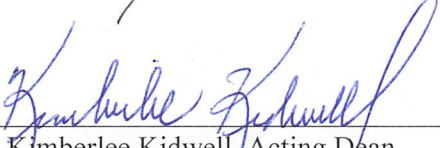
Date



Dr. Mary Wack, Vice Provost for Undergraduate Education

6/1/16

Date



Dr. Kimberlee Kidwell, Acting Dean
College of Agricultural, Human, and Natural Resource Sciences

5/27/16

Date




Dr. Richard Koenig, Chair
Department of Crop and Soil Sciences

5/24/16

Date


Walla Walla Community College



Dr. Steven VanAusdle, President

06/20/2016

Date



Mr. Gerald Anhorn, Dean, Workforce Education

4/26/16

Date

ATTACHMENT A

Articulation Planning Grid

**Walla Walla Community College AAS-T in Agricultural Technology and Production Management →
WSU CAHNRS B.S. in Agricultural & Food Systems, Agricultural Technology and Production Major**

WWCC Courses & Semester Credit Equivalents ¹		WSU Requirements & Semester Credits	
A: WSU UCORE Requirements			
		First-Year Experience	3
		[ROOT] Roots of Contemporary Issues: HISTORY 305	3
		Foundational Competencies	9
MATH& 146	3.35	[QUAN] Quantitative Reasoning: STAT 212	
ENGL& 101	3.35	[WRTG] Written Communication: ENGLISH 101	
		<i>One WRTG required plus either WRTG or COMM</i>	
CMST& 220	3.35	[COMM] Communication: COM 102	
		OR [WRTG]	
		Ways of Knowing	16
AGRI 201	3.35	[SSCI] Inquiry in the Social Sciences: ECONS 101	
		[HUM] Inquiry in the Humanities	3
		[ARTS] Inquiry in the Creative and Professional Arts	3
		A. Inquiry in the Natural Sciences	
BIOL& 211	3.35	[BSCI] Biological Sciences: BIOLOGY 107 AND	
CHEM& 121 or CHEM& 161	3.35	[PSCI] Physical Sciences: CHEM 101 or 105 ⁶	
		<i>One lab required</i>	
		Integrative and Applied Learning	6
		[DIVR] Diversity	3
		[CAPS] Integrative Capstone: AFS 401	3
UCORE Credits at WSU at lower-division ²			9
UCORE Credits at WSU at upper-division ⁴			6
Total UCORE Credits to be completed at WSU			15

B: WSU Writing Requirements	
Writing in the Major (min. of two [M] courses)	ENGLISH 402 [M] Upper Division Elective [M]
Writing Portfolio	

WWCC Courses & Semester Credit Equivalents ¹		WSU Requirements & Semester Credits	
C: Core Program Requirements			
BIOL& 212 + 213	6.7	BIOLOGY 106	
CHEM& 122 + 123 or CHEM& 162 + 163	6.7	CHEM 102 or 106 ⁶	
AGPR 113	3.35	CROP SCI/HORT 102	
WTM 135	3.35	AFS 101	
AGPR 201	3.35	SOIL SCI 201	
AGPR 110	3.35	ANIM SCI 101	
AGRI 211	3.35	ECONS 350 ⁷	
		AFS 201	3
		CROP SCI 360	3
ENT 150 + 151	4.02	SOIL SCI 368 ⁷	
Core Credits at WSU at lower-division			3
Core Credits at WSU at upper-division ⁴			3

D: Major Requirements			
AGPR 105	3.35	CROP SCI 305 ⁷	
AGRI 103 + AGPR 135	5.36	AGTM 305 ⁷	
WTM 112	3.35	AGTM 315 ⁷	
EST 132	3.35	AGTM 330 ⁷	
AGRI 140	3.35	AGTM 412 ⁷	
		AFS 336	3
		ENGLISH 402 [M]	3
		ACCTG 230	3
		AGTM 314	3
		AGTM 405	2
		AGTM 416	3
		AGTM 451	1
Major/Option Credits at WSU at lower-division			3
Major/Option Credits at WSU at upper-division⁴			15

E: Open Electives			
WTM 221	2.01	Elective	
ENT 152	2.01	Elective	
		Electives	7
		Upper Division Elective [M]	3
Elective Credits at WSU at lower-division²			7
Elective Credits at WSU at upper-division⁴			3

SUMMARY	
Minimum Credits for WSU degree⁵	120
Total Upper-Division Credits at WSU⁴	27
Total Upper-Division Credits at WWCC⁷	26.13
Total Semester Credits transferred to WSU⁶	77.05
Total UCORE Credits to be completed at WSU	15
Total Core Credits to be completed at WSU	6
Total Major Credits to be completed at WSU	18
Total Elective Credits to be completed at WSU	10
Total Credits to be completed at WSU	49
Total Credits to complete articulated agreement	126.05

ATTACHMENT A
Articulation Planning Grid
Walla Walla Community College AAS-T in Agricultural Technology and Production
Management →
WSU CAHNRS B.S. in Agricultural & Food Systems, Agricultural Technology and
Production Major

NOTES:

- ¹ Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits
- ² Upper-division courses may also fulfill these requirements.
- ³ A minimum of 40 semester hours must be upper-division (300-400) credit (Rule 114).
- ⁴ Minimum WSU graduation requirements are 120 total semester hours and a 2.0 overall grade point average (GPA). Each department may have specific GPA requirements.
- ⁵ The maximum transfer credit of 73 semester hours is allowed from community colleges (Rule 114). No more than 30 credits Advanced Placement, CLEP, or other credit by exam may apply toward a BS degree (Rule 123).
- ⁶ This sequence (CHEM& 121, 122, and 123 or 161, 162, and 163 at WWCC) must be fully completed to transfer to WSU as CHEM 101 and 102 or CHEM 105 and 106.
- ⁷ Students will take courses at WWCC that are equivalent to 300 or 400-level courses at WSU. These courses will count towards the students' total upper division credits.

ATTACHMENT B

Term-by-Term Planning Sheet

**Walla Walla Community College AAS-T in Agricultural Technology and Production Management →
WSU CAHNRS B.S. in Agricultural & Food Systems, Agricultural Technology and Production
Management Major**

Walla Walla Community College

Course #	Course Title	Quarter Credits ¹	Sem. Credits
Year 1 - Fall Quarter			
CHEM& 121 or 161	Intro to Chemistry OR General Chemistry I ²	5	3.35
WTM 135	Cultures of Water = AFS 101	5	3.35
AGPR 113	Cultivated Plants = CROP_SCI/HORT 102	5	3.35
ENT 150	Intro to GIS ³	3	2.01
<i>Total Credits</i>		18	12.06
Year 1 - Winter Quarter			
CHEM& 122 or 162	Intro to Organic Chemistry OR General Chemistry II ²	5	3.35
ENT 151	Intermediate GIS ³	3	2.01
EST 132	AC Applications = AGTM 330	5	3.35
AGPR 110	Livestock Production = ANIM_SCI 101	5	3.35
<i>Total Credits</i>		18	12.06
Year 1 - Spring Quarter			
CHEM& 123 or 163	Intro to Biochemistry OR General Chemistry III ²	5	3.35
AGRI 201	Microecon. = ECONS 101	5	3.35
ENT 152	Advanced GIS	3	2
ENGL& 101	English Comp. I = ENGLISH 101	5	3.35
<i>Total Credits</i>		18	12.06
<i>Year One Total</i>		54	36.18
Year 2 - Fall Quarter			
BIOL& 211	Majors Cellular = BIOLOGY 107	5	3.35
AGPR 201	Basic Soil Science = SOIL_SCI 201	5	3.35
MATH& 146	Intro to Statistics = STAT 212	5	3.35
CMST& 220	Public Speaking = COM 102	5	3.35
<i>Total Credits</i>		20	13.4
Year 2 - Winter Quarter			
BIOL& 213	Majors Plant ⁴	5	3.35
AGPR 140	Safety and Pesticides = AGTM 412	5	3.35
AGPR 135	Mechanization of GIS ⁵	3	2.01
WTM 112	Irrigation Principles = AGTM 315	5	3.35
WTM 221	Pumps = AGTM Elective	3	2.01
<i>Total Credits</i>		21	14.07
Year 2 - Spring Quarter			
BIOL& 212	Majors Animal ⁴	5	3.35
AGRI 211	Small Bus. Mgmt = ECONS-350	5	3.35
AGRI 103	Intro to Precision Ag for Farm Management ⁵	5	3.35
AGPR 105	Weeds = CROP_SCI 305	5	3.35
<i>Total Credits</i>		20	13.4
<i>Year Two Total</i>		61	40.87
TOTAL WWCC CREDITS		115	77.05

Washington State University

Year 3 - Fall Semester		
Course #	Course Title	Sem. Credits
HIST 305	Roots of Contemporary Issues [ROOTS]	3
CROP_SCI 360	World Ag Systems	3
AGTM 314	Ag. Power Units & Mobile Electrical Systems	3
[ARTS]	Elective	3
<i>Total Credits</i>		12

Year 3 - Spring Semester		
Course #	Course Title	Sem. Credits
AFS 201	Sys. Skills Devel. for AFS	3
AGTM 405	Adv. Ag. Precision Systems	2
ACCTG 230	Intro to Financial Accounting	3
[HUM]	Elective	3
XXX	Elective	1
<i>Total Credits</i>		12

Year 4 - Fall Semester		
Course #	Course Title	Sem. Credits
AGTM 451	Seminar	1
AFS 336	Ag, Enviro. & Community	3
[DIVR]	Elective	3
Elective	Upper Division [M]	3
XXX	Elective	3
<i>Total Credits</i>		13

Year 4 - Spring Semester		
Course #	Course Title	Sem. Credits
AFS 401	Adv. Sys Analysis [CAPS]	3
AGTM 416	Fluid Power Systems	3
ENGLISH 402	Tech/Prof. Writing [M]	3
XXX	Elective	3
<i>Total Credits</i>		12

TOTAL WSU CREDITS	49
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ATTACHMENT B

Term-by-Term Planning Sheet

**Walla Walla Community College AAS-T in Agricultural Technology and Production Management →
WSU CAHNRS B.S. in Agricultural & Food Systems, Agricultural Technology and Production
Management Major**

NOTES:

- 1 Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits
- 2 This sequence (CHEM& 121, 122, and 123 at WWCC) must be fully completed to transfer to WSU as CHEM 101 and 102.
- 3 ENT 150 and 151 combined is equivalent to SOIL_SCI 368 at WSU.
- 4 BIOL& 212 and 213 combined is equivalent to BIOLOGY 106 at WSU.
- 5 AGPR 135 and AGRI 103 combined is equivalent to AGTM 305 at WSU.