



MEMORANDUM OF UNDERSTANDING  
between  
*Walla Walla Community College*  
and  
*College of Agricultural, Human, and Natural Resource Sciences*  
*Washington State University*

Walla Walla Community College (WWCC) 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. Transfer students with an AAS-T in AG Science Technology from WWCC who follow the attached advising recommendations will matriculate into the Integrated Plant Sciences degree in Field Crop Management in the College of Agricultural, Human, and Natural Resource Sciences at WSU.

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 Walla Walla Community College an advantage as transfer students into Washington State University. Students who complete the AAS-T in AG Science Technology at WWCC with at least a 2.0 cumulative grade point average will be certified as Field Crop Management majors in the Integrated Plant Sciences degree program; 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 Walla Walla Community College 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 degree option within the College of Agricultural, Human, and Natural Resource Sciences as specified in this agreement. The transfer of credit allowed under this MOU is structured to maximize the use of Walla Walla Community College credit applicable to the 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 covered by this agreement. If students transfer prior to completing the WWCC 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 specifies the required *term-by-term course of study* as offered by Walla Walla Community College and Washington State University. Attachment B details the specific *set of requirements to be completed* at WWCC and WSU in order to earn an Integrated Plant Sciences degree in Field Crop Management at 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. A review of the required course of study will be made every four years. 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 Walla Walla Community College AAS-T in AG Science and Technology specified in this MOU.

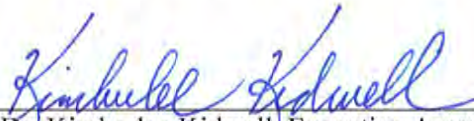
The undersigned certify this Memorandum of Understanding:

**For Washington State University**

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Dr. Warwick Bayly, Provost  
Washington State University

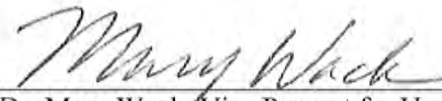
5.24.13  
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Date

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

5/9/13  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Dr. Jim Harsh, Chair  
Department of Crop & Soil Sciences

5/9/13  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Dr. Mary Wack, Vice Provost for Undergraduate  
Education, Dean University College

5/21/13  
\_\_\_\_\_  
Date

**For Walla Walla Community College**

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Dr. Steven L. VanAusdie, President

6/3/2013  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Dr. Mindy Nelson, Vice President of Workforce Education

6.3.13  
\_\_\_\_\_  
Date

Attachment A – Term-by-Term Planning Sheet

**Walla Walla Community College Degree Program**  
**→ WSU CAHNRS Degree Program**  
**WSU Articulation Agreement for IPS-Field Crop Management**

**Walla Walla Community College**

<b>Year 1 - Fall Quarter</b>			
<i>Course Number</i>	<i>Course Title</i>	<i>Quarter Credits</i>	<i>Sem. Credits</i>
CHEM& 121 or 161	Intro to Chemistry OR General Chemistry I*	5	3.33
ENGL& 101	English Comp. I = ENGLISH 101	5	3.33
AGPR 113	Plant A & P = CROP_SCI 102	5	3.33
WTM 112	Irrigation Principles = AGTM 315	5	3.33
<b>Total Credits</b>		<b>20</b>	<b>13.33</b>
<b>Winter Quarter</b>			
CHEM& 122 or 162	Intro to Organic Chemistry OR General Chemistry II*	5	3.33
ENT 150	Intro to GIS**	3	2
AGPR 114	Plant Phys. = CROP_SCI 202	5	3.33
Math& 141	College Algebra= MATH 106	5	3.33
<b>Total Credits</b>		<b>18</b>	<b>12</b>
<b>Spring Quarter</b>			
CHEM& 123 or 163	Intro to Biochemistry OR General Chemistry III*	5	3.33
AGRI 221	Ag Marketing = ECONS 351	5	3.33
AGRI 201	Microeconomics = ECONS 101	5	3.33
ENT 151	GIS II**	3	2
<b>Total Credits</b>		<b>18</b>	<b>12</b>
<b>Year One Total</b>		<b>56</b>	<b>37.33</b>

<b>Year 2 – Fall Quarter</b>			
<i>Course Number</i>	<i>Course Title</i>	<i>Quarter Credits</i>	<i>Sem. Credits</i>
Biol& 211	Majors Cellular = BIOLOGY 107	5	3.33
AGPR 201	Basic Soil Sci. = SOIL_SCI 201	5	3.33
WTM 241	Precision Ag Sys. = AGTM 305	5	3.33
CMST& 220	Public Speaking = COM 102	5	3.33
<b>Total Credits</b>		<b>20</b>	<b>13.33</b>
<b>Winter Quarter</b>			
Biol& 213	Majors Plant***	5	3.33
AGPR 140	Safety and Pesticides = AGTM 412	5	3.33
AGPR 105	Weeds = CROP_SCI 305	5	3.33
AGPR 202	Soil Fertility = SOIL_SCI 441	5	3.33
<b>Total Credits</b>		<b>20</b>	<b>13.33</b>
<b>Spring Quarter</b>			
Biol& 212	Majors Animal***	5	3.33
AGRI 211	Small Bus. Mgmt = ECONS 350	5	3.33
MATH 201	Intro. to Statistics = STAT 212	5	3.33
<b>Total Credits</b>		<b>15</b>	<b>10</b>
<b>Year Two Total</b>		<b>55</b>	<b>36.66</b>
<b>TOTAL WWCC CREDITS</b>		<b>111</b>	<b>74</b>

**Washington State University**

<b>Third Year - Fall Semester</b>		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
MATH 108	Trigonometry	2
Major Elective	Advisor Approved, Upper Division	3
Major Elective	Advisor Approved, Upper Division	3
ENTOM 343	General Entomology [M]	3
HISTORY 305	Roots of Contemp. Issues [ROOTS]	3
<b>Total Credits</b>		<b>14</b>

<b>Third Year - Spring Semester</b>		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
CROP_SCI 302	Forage Crops	3
CROP_SCI 495	Professional Work Experience	3
[ARTS]	Elective	3
Major Elective	Advisor Approved, Upper Division	3
IPM 452	Pests and Environment	2
<b>Total Credits</b>		<b>14</b>

<b>Fourth Year - Fall Semester</b>		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
CROP_SCI 403	Advanced Cropping Systems	3
CROP_SCI 411	Crop Environmental Interactions [M]	3
PL_P 429	General Plant Pathology	3
[HUM]	Elective	3
[DIVR]	Elective	3
<b>Total Credits</b>		<b>15</b>

<b>Fourth Year - Spring Semester</b>		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
CROP_SCI 412	Seminar	1
Elective	Upper Division	3
Elective	Upper Division	3
Elective	Upper Division	3
[CAPS]	Upper Division	3
<b>Total Credits</b>		<b>13</b>
<b>TOTAL WSU CREDITS</b>		<b>56</b>

NOTES:

Conversion formula for quarter to semester credits:

Quarter credits x 2/3 = semester credits

\*This sequence must be fully completed to satisfy WSU Chemistry requirements

\*\*This sequence must be fully completed to transfer as WSU SOIL\_SCI 368

\*\*\* This sequence must be fully completed to transfer as WSU BIOLOGY 106

## Attachment B – Articulation Planning Grid

Partner Courses (semester credit equivalents)		WSU Requirements (semester credits)	
<b>A: WSU UCORE Requirements</b>			
		<b>First-Year Experience</b>	<b>3</b>
		[ROOT] Roots of Contemporary Issues: HISTORY 305	3
		<b>Foundational Competencies</b>	<b>9</b>
MATH 201	5	[QUAN] Quantitative Reasoning: STAT 212	4
ENGL& 101	5	[WRTG] Written Communication: ENGLISH 101	3
		<i>One WRTG required plus either WRTG or COMM</i>	3
CMST& 220	5	[COMM] Communication: COM 102	3
		<b>OR [WRTG]</b>	
		<b>Ways of Knowing</b>	<b>16</b>
AGRI 201	5	[SSCI] Inquiry in the Social Sciences: ECONS 101	3
		[HUM] Inquiry in the Humanities	3
		[ARTS] Inquiry in the Creative and Professional Arts	3
		A. Inquiry in the Natural Sciences	7
BIOL& 211	5	[BSCI] Biological Science: BIOLOGY 107 <b>AND</b>	4
CHEM& 121 or CHEM& 161 +162	5	[PSCI] Physical Science: CHEM 101 or 105	4
		<b>OR</b>	
		B. [SCI] Interdisciplinary Science (SCIENCE 101 + 102)	8
		<i>One lab required</i>	
		<b>Integrative and Applied Learning</b>	<b>6</b>
		[DIVR] Global Diversity	3
		[CAPS] Integrative Capstone: Upper division	3
<b>UCORE Credits at WSU at lower-division<sup>1</sup></b>			<b>12</b>
<b>UCORE Credits at WSU at upper-division<sup>2</sup></b>			<b>3</b>
<b>Total UCORE Credits to be completed at WSU</b>			<b>15</b>
<b>B: WSU Writing Requirements</b>			
Writing in the Major (Min. of two [M] courses)		ENTOM 343 [M] CROP_SCI 411 [M]	
Writing Portfolio			

Partner Courses (semester credit equivalents)		WSU Requirements (semester credits)	
<b>C: Core Program Requirements</b>			
BIOL& 212 + 213	10	BIOLOGY 106	4
CHEM& 122 + 123 or CHEM& 162 + 163	10	CHEM 102 or 106	4
AGPR 113	5	HORT 102	3
AGPR 114	5	HORT 202	3
AGPR 201	5	SOIL_SCI 201	3
		IPM 201	2
		ENTOM 343	3
		CROP_SCI 411	3
		PL_P 429	3
		CROP_SCI 495	3
		CROP_SCI 412	1
<b>Core Credits at WSU at lower-division<sup>1</sup></b>			<b>2</b>
<b>Core Credits at WSU at upper-division<sup>2</sup></b>			<b>13</b>

Partner Courses (semester credit equivalents)		WSU Requirements (semester credits)	
<b>D: Major Requirements</b>			
AGPR 105	5	CROP_SCI 305	3
AGPR 202	5	SOIL_SCI 441	3
MATH&141	5	MATH 106	3
AGRI 211	5	ECONS 350	3
		MATH 108	2
		CROP_SCI 302	3
		CROP_SCI 403	3
<b>Advisor Approved Courses<sup>5</sup></b>			
		CROP_SCI 360	3
		AFS 336	3
ENT 150+151	6	SOIL_SCI 368	3
<b>Major Credits at WSU at lower-division<sup>1</sup></b>			<b>2</b>
<b>Major Credits at WSU at upper-division<sup>2</sup></b>			<b>12</b>

Partner Courses (semester credit equivalents)		WSU Electives (semester credits)	
<b>E: Open Electives<sup>6</sup></b>			
WTM 241	5	AGTM 305	3
WTM 112	5	AGTM 315	3
AGRI 221	5	ECONS 351	3
AGPR 140	5	AGTM 412	3
		Upper Division Electives	12
<b>Elective Credits at WSU at lower-division<sup>1</sup></b>			<b>0</b>
<b>Elective Credits at WSU at upper-division<sup>2</sup></b>			<b>12</b>

<b>SUMMARY</b>	
<b>Minimum Credits for WSU degree<sup>3</sup></b>	<b>120</b>
<b>Total Upper-Division Credits at WSU</b>	<b>40</b>
<b>Total Semester Credits transferred to WSU<sup>4</sup></b>	<b>74</b>
<b>Total UCORE Credits to be completed at WSU</b>	<b>15</b>
<b>Total Core Credits to be completed at WSU</b>	<b>15</b>
<b>Total Major Credits to be completed at WSU</b>	<b>14</b>
<b>Total Elective Credits to be completed at WSU</b>	<b>12</b>
<b>Total Credits to be completed at WSU</b>	<b>56</b>
<b>Total Credits to complete articulated agreement</b>	<b>130</b>

NOTES: <sup>1</sup>Upper-division courses may also fulfill these requirements.

<sup>2</sup>A minimum of 40 semester hours must be upper-division (300-400) credit (Rule 114).

<sup>3</sup>Minimum graduation requirements are 120 total semester hours and a 2.0 overall grade point average (GPA).

<sup>4</sup>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).

<sup>5</sup>The three courses listed are examples of possible courses approved by your advisor. Any courses approved by your advisor equaling nine credits would satisfy this requirement. Some examples of prefixes that fit into this category are: ENTOM, PL\_P, SOIL\_SCI, CROP\_SCI, AFS, HORT, ECON, AGTM, BIOLOGY, and VIT\_ENOL.

<sup>6</sup>Courses listed are examples of WWCC classes that could fulfill electives at WSU. Students can use these elective credits to complete a minor.

Attachment C  
Articulation Agreements between WWCC and WSU  
College of Agricultural, Human, and Natural Resource Sciences

<b>WWCC Degree</b>	<b>WSU Degree</b>
AAS-T in AG Science and Technology Plant and Soil Science	Bachelor of Science in Integrated Plant Sciences, Field Crop Management