

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 Turf Management from WWCC who follow the attached advising recommendations will matriculate into the Integrated Plant Sciences degree in Turfgrass 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 Turf Management at WWCC with at least a 2.0 cumulative grade point average will be certified as Turfgrass 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 Turfgrass 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 Turf Management 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  
\_\_\_\_\_  
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. VanAusdelle, 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-Turfgrass 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
AGPR 105	Weeds = CROP_SCI 305	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
WTM 225	Irrigation Design = AGTM Elect.	4	2.67
AGPR 202	Soil Fertility = SOIL_SCI 441	5	3.33
<b>Total Credits</b>		<b>19</b>	<b>12.66</b>
<b>Spring Quarter</b>			
Biol& 212	Majors Animal***	5	3.33
AGRI 211	Small Bus. Mgmt = ECONS 350	5	3.33
TURF 191	Co-Op Work Exp. = CROP_SCI 498	5	3.33
MATH 201	Intro. to Statistics = STAT 212	5	3.33
<b>Total Credits</b>		<b>20</b>	<b>13.33</b>
<b>Year Two Total</b>		<b>59</b>	<b>39.33</b>
<b>TOTAL WWCC CREDITS</b>		<b>115</b>	<b>76.66</b>

**Washington State University**

<b>Third Year - Fall Semester</b>		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
IPM 201	Intro to Pest Mgmt in a Quality Environment	2
Major Elective	Advisor Approved, Upper Division	3
CROP_SCI 301	Turfgrass Management [M]	3
[ARTS]	Elective	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>
Major Elective	Advisor Approved, Upper Division	3
CROP_SCI 401	Turfgrass Science	3
ENTOM 340	Ag Entomology	3
Elective	Upper Division	3
SOIL_SCI 442	Soils Fertility Lab	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 411	Crop Environmental Interactions [M]	3
PL_P 429	General Plant Pathology	3
Elective	Upper Division	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)	CROP_SCI 301 CROP_SCI 411		
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	CROP_SCI 102	3
AGPR 114	5	CROP_SCI 202	3
AGPR 201	5	SOIL_SCI 201	3
		IPM 201	2
		ENTOM 340	3
		CROP_SCI 411 [M]	3
		PL_P 429	3
TURF 191	5	CROP_SCI 498	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>10</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
WTM 112	5	AGTM 315	3
AGPR 140	5	AGTM 412	3
		SOIL_SCI 442	2
		CROP_SCI 301 [M]	3
		CROP_SCI 401	3
<b>Major Electives<sup>5</sup></b>			
AGRI 211	5	ECONS 350	3
		AGTM Elective	3
		CROP/HORT Elective	3
<b>Major Credits at WSU at lower-division<sup>1</sup></b>			<b>0</b>
<b>Major Credits at WSU at upper-division<sup>2</sup></b>			<b>14</b>

Partner Courses (semester credit equivalents)	WSU Electives (semester credits)		
<b>E: Open Electives<sup>6</sup></b>			
WTM 241	5	AGTM 305	3
ENT 150 + 151	6	SOIL_SCI 368	3
AGRI 221	5	ECONS 351	3
WTM 225	4	AGTM 2XX	2
		Upper Division Electives	15
<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>15</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>76.66</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>12</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>15</b>
<b>Total Credits to be completed at WSU</b>	<b>56</b>
<b>Total Credits to complete articulated agreement</b>	<b>132.66</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 WWCC course listed is an example of a Major Elective offered at WSU. Other possible Major Electives are listed on the WSU advising sheet.

<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 Turf Management	Bachelor of Science in Integrated Plant Sciences, Turfgrass Management