



MEMORANDUM OF UNDERSTANDING

between

Yakima Valley College

and

the College of Agricultural, Human, and Natural Resource Sciences

Washington State University

Yakima Valley College (YVC) and Washington State University (WSU) hereby enter into a Memorandum of Understanding (MOU) based on a Customized Articulation Agreement (CAA) for transfer students from YVC to WSU with an Associate of Applied Science Agribusiness Transfer degree who follow the attached advising recommendations and matriculate into the Bachelor of Science in Agricultural and Food Systems degree, 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 Yakima Valley College (YVC) a more efficient transfer pathway to Washington State University (WSU). Students who complete the Associate of Applied Science Agribusiness Transfer (AAS – T Agribusiness) degree with at least a 2.0 cumulative grade point average will be certified as an Agricultural Technology and Production Management major at WSU; and will be granted Junior standing, assuming the total number of credits accepted in transfer equals at least 60 semester credits.

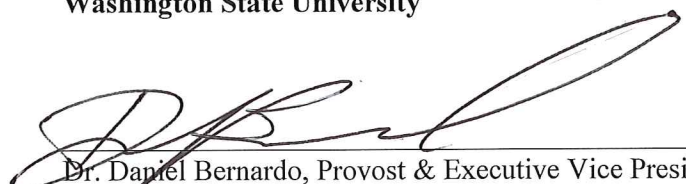
Transfer coursework for students completing the AAS - Agribusiness degree covered by this MOU will be applied to the Washington State University Common Requirements (UCORE, the general education program), as applicable under the WSU Transfer Course Equivalency Guidelines, and to the individual degree options within the CAHNRS as specified in this agreement. The transfer of credit allowed under this MOU is structured to maximize the use of YVC 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 YVC and Washington State University in order to earn a Bachelor of Science in Agricultural and Food Systems degree, Agricultural Technology and Production Management major. Attachment B specifies the required *term-by-term course of study* as offered by YVC 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 YVC and Washington State University in effect at the time the student enters the Yakima Valley College AAS-T Agribusiness degree specified in this MOU.

The undersigned certify this Memorandum of Understanding:

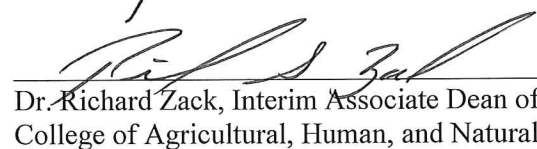
Washington State University


Dr. Daniel Bernardo, Provost & Executive Vice President


1/29/18
Date


Dr. Mary Wack, Vice Provost for Undergraduate Education

1/16/18
Date


Dr. Richard Zack, Interim Associate Dean of Academic Programs
College of Agricultural, Human, and Natural Resource Sciences

21 Dec 2017
Date


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

1/24/2018
Date

Yakima Valley College


Designee for L. Kaminski, President
Dr. Linda Kaminski, President

2.15.18
Date


Tomas Ybarra, VP- Instr/SS
Mr. Tomas Ybarra, Vice President

2.15.18
Date


Mr. Trent Ball, Agriculture Program Chair

1/26/18
Date

Attachment A – Term-by-Term Planning Sheet

Yakima Valley College AAS-T in Agribusiness
→WSU CAHNRS B.S. Agricultural & Food Systems, Agricultural Technology & Production Management Major

Yakima Valley College

Year 1 - Fall Quarter			
<i>Course #</i>	<i>Course Name</i>	<i>Quarter Credits¹</i>	<i>Sem. Credits</i>
AG 101	Intro to Agriculture	1	0.67
AGSCI 101	Plant Science	5	3.35
ENGL& 101	English Composition	5	3.35
MATH 095	Intermediate Algebra	5	0
	Total Credits	16	7.37
Winter Quarter			
AGSCI 201	Soils	5	3.35
AG 220	Ag Issues and Trends	3	2.01
CMST& 220	Intro Public Speaking	5	3.35
ETHS 101	American Ethnic Minorities	5	3.35
	Total Credits	18	12.06
Spring Quarter			
AGSCI 214	Sustainability	5	3.35
ART& 100	Art Appreciation	5	3.35
HUM	HUM elective (HISTORY 110 or PHIL 1XX)	5	3.35
	Total Credits	15	10.05
	Year One Total	49	29.48

Year 2 – Fall Quarter			
<i>Course #</i>	<i>Course Name</i>	<i>Quarter Credits</i>	<i>Sem. Credits</i>
AGECN 201	Agricultural Economics	5	3.35
AGSCI 130	Animal Science	5	3.35
AGSCI 213	Integrated Pest Mgmt	5	3.35
	Total Credits	15	10.05
Winter Quarter			
AGECN 210	Farm Management	5	3.35
CHEM 109 ³	Principles of Chemistry w/ Lab	5	3.35
MATH& 146	Introduction to Stats	5	3.35
	Total Credits	15	10.05
Spring Quarter			
BIOL& 160 ⁴	General Biology w/ Lab	5	3.35
AG Elective	AG Elective	2	1.34
CHEM 209 ³	Organic/Biochem	5	3.35
Elective	Approved Elective	5	3.35
	Total Credits	17	11.39
	Year Two Total	47	31.49
	Total YVC Credits	96	60.97

Washington State University

Third Year - Fall Semester		
<i>Course #</i>	<i>Course Title</i>	<i>Sem. Credits</i>
AGTM 315	Irrigation Systems & Water Management	3
BIOLOGY 106 or 120	Intro to Organismal or Intro to Botany	4
CROP_SCI 305, 403, or PL_P 429	Ecol. & Mgmt. of Weeds or Ecol. & IPS or Adv. Crop Sys or Gen. Pl. Path	3
CROP_SCI 360	World Agricultural Systems	3
AFS 336	Ag. Environment & Community	3
	Total Credits	16

Third Year - Spring Semester		
<i>Course #</i>	<i>Course Title</i>	<i>Sem. Credits</i>
AGTM 330	Electrical Power Systems for Ag	3
AGTM 412	Human & Machinery Risk Management	3
AFS 201	System Skills Development for AFS	3
Elective	Elective	3
Elective	Elective	3
	Total Credits	15

Fourth Year - Fall Semester		
<i>Course #</i>	<i>Course Title</i>	<i>Sem. Credits</i>
ENTOM 343	General Entomology: AFS Core System Based Elective [M]	3
AGTM 305	Ag Precision Systems	3
AGTM 314	AG Power Units & Mobile Electrical Systems	3
AGTM 451	Seminar	1
HISTORY 305	Roots of Contemp. Issues [ROOTS]	3
Elective	Elective	3
	Total Credits	16

Fourth Year - Spring Semester		
<i>Course #</i>	<i>Course Title</i>	<i>Sem. Credits</i>
AGTM 405	Advanced Ag Precision Systems	2
AGTM 416	Fluid Power Systems	3
ENGLISH 402	Tech./Prof. Writing [M]	3
AFS 401	Adv. Systems Analysis & Design in AFS [CAPS]	3
ACCTG 230	Intro. to Financial Accounting	3
	Total Credits	14
	TOTAL WSU CREDITS	61

Yakima Valley College AAS-T in Agribusiness

→WSU CAHNRS B.S. Agricultural & Food Systems, Agricultural Technology & Production Management Major

Attachment B - Articulation Planning Grid

YVC Courses & Semester Credit Equivalents ¹		WSU Requirements (semester credits)	
A: WSU UCORE Requirements			
		First-Year Experience	3
		[ROOT] Roots of Contemporary Issues = HIST 305	3
		Foundational Competencies	9
MATH& 146	3.35	[QUAN] Introduction to Stats	
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
AGECN 201	3.35	[SSCI] Inquiry in the Social Sciences = ECONS 101	
HIST& 136 <i>or</i> PHIL& 101	3.35	[HUM] Inquiry in the Humanities = HISTORY 110 <i>or</i> PHIL 1XX	
ART& 100	3.35	[ARTS] Inquiry in the Creative and Professional Arts = FINE_ART 101	
		A. Inquiry in the Natural Sciences	
		[BSCI] Biological Science AND	
CHEM 109 ³	3.35	[PSCI] Physical Science = CHEM 101	
		OR	
BIOL& 160 ⁴	3.35	B. [SCI] Interdisciplinary Science: BIOLOGY 107	
		<i>One lab required</i>	
		Integrative and Applied Learning	6
ETHS 101	3.35	[DIVR] Diversity = CES 1XX	
		[CAPS] Integrative Capstone = AFS 401	3
UCORE Credits at WSU at lower-division ⁵			0
UCORE Credits at WSU at upper-division ⁶			6
Total UCORE Credits to be completed at WSU			6

B: WSU Writing Requirements

Writing in the Major (min. of two [M] courses)	ENGLISH 402 [M] ENTOM 343 [M]
Writing portfolio	

YVC Courses & Semester Credit Equivalents ¹		WSU Requirements (semester credits)	
C: AFS Core Program Requirements			
AG 220	2.01	AFS 101	
AGSCI 130	3.35	ANIM SCI 101	
AGSCI 101	3.35	CROP SCI/HORT 102	
		BIOLOGY 106 or 120	4
CHEM 209 ³	3.35	CHEM 102 or 106	
AGSCI 201	3.35	SOIL SCI 201	
		AFS 201	3
AGECN 210	3.35	ECONS 350 or 352	
		CROP SCI 360	3
Core Credits at WSU at lower-division ⁵			7
Core Credits at WSU at upper-division ⁶			3

YVC Courses & Semester Credit Equivalents		WSU Requirements & Semester Credits	
D: Major Requirements			
		AGTM 305	3
		AGTM 314	3
		AGTM 315	3
		AGTM 330	3
		AGTM 405	2
		AGTM 412	3
		AGTM 416	3
		AGTM 451	1
		ACCTG 230	3
		AFS 336	3
		ENTOM 343[M]	3
		CROP_SCI 305, ENTOM 351, or CROP_SCI 403 or PL_P 429	3
		ENGLISH 402 [M]	3
Major Credits at WSU at lower-division ⁵			3
Major Credits at WSU at upper-division ²			33

Partner Courses (semester credit equivalents)		WSU Requirements (semester credits)	
E: Open Electives			
AGSCI 214	3.35	Elective	
AG Elective	3.35	Elective	
AG 101	.67	Elective	
AGSCI 213	3.35	Elective	
Elective	3.35	Elective	
Elective Credits at WSU at lower-division ⁵			0
Elective Credits at WSU at upper-division ⁶			0

SUMMARY

Minimum Credits for WSU degree⁶	120
Total semester credits transferred to WSU²	60.97
Total UCORE credits to be completed at WSU	6
Total Core credits to be completed at WSU	10
Total Major credits to be completed at WSU	36
Total Elective credits to be completed at WSU	0
Total credits to be completed at WSU	61
Total upper-division credits at WSU	42
Total credits to complete articulated agreement	121.97

NOTES:

¹Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits

²Upper-division courses may also fulfill these requirements.

³CHEM 109 and Chem 209 at YVC are not direct equivalencies to CHEM 101 and 102 at WSU. However, these chemistry courses will satisfy the requirement.

⁴BIOL& 160 at YVC is not equivalent to BIOLOGY 107 at WSU. However, BIOL& 160 will satisfy this requirement.

⁵A minimum of 40 semester hours must be upper-division (300-400) credit (Rule 114).

⁶Minimum graduation requirements are 120 total semester hours and a 2.0 overall grade point average (GPA).

⁷The maximum combined lower-division transfer credit allowed [from regionally accredited institutions, CLEP (College Level Examination Program), AP (Advanced Placement), IB (International Baccalaureate), Cambridge International, military, and any other source] shall be 73 semester credit hours toward a baccalaureate degree irrespective of when those hours were earned (Rule 114).