



## 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 and Food Business Economics 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 and Food Business Economics 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 and Food Business Economics 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:

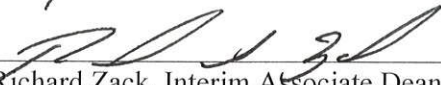
**Washington State University**

  
\_\_\_\_\_  
Dr. Daniel Bernardo, Provost & Executive Vice President


11/24/16  
Date

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

22 Nov. 2016  
Date

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

4 Nov 2016  
Date

  
\_\_\_\_\_  
Dr. Alan Love, Director  
School of Economic Sciences

11/2/16  
Date

**Yakima Valley College**

  
\_\_\_\_\_  
Dr. Linda Kaminski, President

12/9/16  
Date

  
\_\_\_\_\_  
Mr. Tomas Ybarra, Vice President

12.9.16  
Date

  
\_\_\_\_\_  
Mr. Trent Ball, Agriculture Program Chair

12/2/16  
Date

## Articulation Planning Grid

Yakima Valley College, Associate of Applied Science Agribusiness Transfer degree →  
 WSU CAHNRS, BS Agricultural and Food Systems degree,  
 Agricultural and Food Business Economics major

YVC Courses & Semester Credit Equivalents <sup>1</sup>	WSU Requirements & Semester Credits
<b>A: WSU UCORE Requirements</b>	
	<b>First-Year Experience</b> <b>3</b>
	[ROOT] Roots of Contemporary Issues = HIST 305 3
	<b>Foundational Competencies</b> <b>9</b>
MATH& 146 3.35	[QUAN] Quantitative Reasoning = STAT/MATH 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
	<b>OR [WRTG]</b>
	<b>Ways of Knowing</b> <b>16</b>
ECON& 202 3.35	[SSCI] Inquiry in the Social Sciences
HUM elective 3.35	[HUM] Inquiry in the Humanities
ARTS elective 3.35	[ARTS] Inquiry in the Creative and Professional Arts
	A. Inquiry in the Natural Sciences 7
BIOL& 160 <sup>2</sup> 3.35	[BSCI] Biological Science
CHEM 109 + 209 <sup>3</sup> 6.7	[PSCI] Physical Science
	<i>One lab required</i>
	<b>Integrative and Applied Learning</b> <b>6</b>
	[DIVR] Global Diversity 3
	[CAPS] Integrative Capstone 3
	<i>400-level AFS 401</i>
	<b>UCORE Credits at WSU at lower-division<sup>4</sup></b> <b>3</b>
	<b>UCORE Credits at WSU at upper-division<sup>5</sup></b> <b>6</b>
	<b>Total UCORE Credits to be completed at WSU</b> <b>9</b>

<b>B: WSU Writing Requirements</b>	
Writing in the Major (minimum of two [M] courses)	ECONS 311 Econometrics [M], ECONS 450 Adv Farm/Ranch Mgt [M], ECONS 452 Adv Business Management Econ [M]
Writing Portfolio	

YVC Courses & Semester Credit Equivalents <sup>1</sup>	WSU Requirements & Semester Credits
<b>C: Core Program Requirements</b>	
AG 101 + AG 220 <sup>6</sup> 2.68	AFS 101
AGECN 201 3.35	ECONS 101
AGECN 210 <sup>7</sup> 3.35	ECONS 350
AGSCI 101 3.35	CROP SCI/HORT 102
AGSCI 130 3.35	ANIM SCI 101
AGSCI 201 3.35	SOIL SCI 201
BIOL& 160 <sup>2,8</sup> 0	BIOLOGY 106
CHEM 109 <sup>3,8</sup> 0	CHEM 101
CHEM 209 <sup>3,8</sup> 0	CHEM 102
	AFS 201 3
	AFS 401 <sup>8</sup> 0
	BIOLOGY 120 4
	CROP SCI 360 3
	ECONS 351 3
	<b>Core Credits at WSU at lower-division<sup>4</sup></b> <b>7</b>
	<b>Core Credits at WSU at upper-division<sup>5</sup></b> <b>6</b>
YVC Courses & Semester Credit Equivalents <sup>1</sup>	WSU Requirements & Semester Credits
<b>D: Major/Option Requirements</b>	
ECON& 202 <sup>8</sup> 0	ECONS 102
MATH 111 or &141 3.35	MATH 201 or 106
MATH& 146 <sup>8</sup> 0	STAT/MATH 212
MATH& 148 3.35	MATH 202
	ACCTG 230 3
	ECONS 301 3
	ECONS 302 3
	ECONS 311 [M] 3
	ECONS 335 3
	ECONS 450 [M] 3
	ECONS 451 3
	ECONS 452 [M] 3
	<b>Major/Option Credits at WSU at lower-division<sup>4</sup></b> <b>3</b>
	<b>Major/Option Credits at WSU at upper-division<sup>5</sup></b> <b>21</b>
YVC Courses & Semester Credit Equivalents <sup>1</sup>	WSU Requirements & Semester Credits
<b>E: Electives</b>	
	Electives 12
	<b>Elective Credits at WSU at lower-division<sup>4</sup></b> <b>6</b>
	<b>Elective Credits at WSU at upper-division<sup>5</sup></b> <b>6</b>

<b>SUMMARY</b>	
Minimum Credits for WSU degree <sup>9</sup>	120
Total Upper-Division Credits at YVC	3.35
Total Upper-Division Credits at WSU <sup>5</sup>	39
Total Semester Credits transferred to WSU <sup>10</sup>	62
Total UCORE Credits to be completed at WSU	9
Total Core Credits to be completed at WSU	13
Total Major Credits to be completed at WSU	24
Total Elective Credits to be completed at WSU	12
Total Credits to be completed at WSU	58
Total Credits to complete articulated agreement	120

**Articulation Planning Grid**

**Yakima Valley College, Associate of Applied Science Agribusiness Transfer degree →  
WSU CAHNRS, BS Agricultural and Food Systems degree,  
Agricultural and Food Business Economics major**

## NOTES:

- <sup>1</sup> Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits
- <sup>2</sup> BIOL& 160 General Biology is not equivalent to BIOLOGY 106 but will satisfy that requirement in this major.
- <sup>3</sup> CHEM 109 + 209 are not equivalent to CHEM 101 + 102 at WSU, but will satisfy the CHEM 101 and 102 requirements for this major.
- <sup>4</sup> Upper-division courses may also fulfill these requirements.
- <sup>5</sup> A minimum of 40 semester hours must be upper-division (300-400) credit (Rule 114).
- <sup>6</sup> AG 101 plus AG 220 will satisfy the AFS 101 requirement.
- <sup>7</sup> Transfers as upper-division credit.
- <sup>8</sup> Credits already counted in UCORE section.
- <sup>9</sup> 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.
- <sup>10</sup> The 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 credit, and any other source] shall be 73 semester credit hours toward a baccalaureate degree irrespective of when those hours were earned (Rule 114).

ATTACHMENT B

**Term-by-Term Planning Sheet**

17-079

Yakima Valley College, Associate of Applied Science Agribusiness Transfer degree →  
 WSU CAHNRS, BS Agricultural and Food Systems degree,  
 Agricultural and Food Business Economics major

**Yakima Valley College**

Course #	Course Title	Quarter Credits <sup>1</sup>	Sem. Credits
<b>Year 1 - Fall Quarter</b>			
AG 101 <sup>2</sup>	Intro to Agriculture	1	.67
AGECN 201	Econ in Agriculture	5	3.35
AGSCI 101	Intro to Plant Science	5	3.35
CMST& 220	Intro to Public Spk	5	3.35
<i>Total Quarter Credits</i>		16	10.72
<b>Year 1 - Winter Quarter</b>			
AGECN 210 <sup>3</sup>	Farm Management	5	3.35
AGSCI 201	Soils	5	3.35
ENGL& 101	English Comp I	5	3.35
<i>Total Quarter Credits</i>		15	10.05
<b>Year 1 - Spring Quarter</b>			
AG, AGECN, or AGSCI elective		5	3.35
BIOL& 160 <sup>4</sup>	Gen Biology w/lab	5	3.35
ECON& 202	Macro Economics	5	3.35
<i>Total Quarter Credits</i>		15	10.05
<b>Year One Total</b>		<b>46</b>	<b>30.82</b>

<b>Year 2 - Fall Quarter</b>			
AGSCI 130	Intro to Animal Sci	5	3.35
CHEM 109 <sup>5</sup>	Prin of Chem with lab	5	3.35
MATH 111 or MATH& 141	Algebra Applied to Business/Econ or Precalculus I	5	3.35
<i>Total Quarter Credits</i>		15	10.05
<b>Year 2 - Winter Quarter</b>			
AG 220 <sup>2</sup>	Ag Issues/Trends	3	2.01
CHEM 209 <sup>5</sup>	Intro to Org/Biochem	5	3.35
MATH& 148	Business Calculus	5	3.35
	ART elective	5	3.35
<i>Total Quarter Credits</i>		18	12.06
<b>Year 2 - Spring Quarter</b>			
AG, AGECN, or AGSCI elective		5	3.35
	HUM elective	5	3.35
MATH& 146	Intro to Stats	5	3.35
<i>Total Quarter Credits</i>		15	10.05
<b>Year Two Total</b>		<b>48</b>	<b>32.16</b>
<b>Total YVC Credits</b>		<b>94</b>	<b>62.98</b>

**Washington State University**

<b>Year 3 - Fall Semester</b>		
Course #	Course Title	Sem. Credits
ACCTG 230	Into to Financial Acctg	3
BIOLOGY 120	Intro to Botany	4
ECONS 301	Intermed Microeconomics	3
HIST 305	Roots of Contemp Issues for TR Students	3
<i>Total Credits</i>		13

<b>Year 3 - Spring Semester</b>		
Course #	Course Title	Sem. Credits
AFS 201	System Skills Development	3
ECONS 311	Intro to Econometrics	3
ECONS 335	Business Finance Econ	3
ECONS 450	Adv Farm/Ranch Mgmt	3
	DIVR (or Elective)	3
<i>Total Credits</i>		15

<b>Year 4 - Fall Semester</b>		
Course #	Course Title	Sem. Credits
CROP_SCI 360	World Agricultural Systems	3
ECONS 302	Intermed Macroeconomics	3
ECONS 351	Intro Food & Ag Markets	3
ECONS 452	Adv Business Mgmt Econ	3
	Elective	3
<i>Total Credits</i>		15

<b>Year 4 - Spring Semester</b>		
Course #	Course Title	Sem. Credits
AFS 401	Adv System Analysis/Des	3
ECONS 451	Adv Food Economics & Marketing	3
	Elective	3
	Upper division Elective	3
	Upper division Elective	3
<i>Total Credits</i>		15

<b>TOTAL WSU CREDITS</b>	<b>58</b>
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## Term-by-Term Planning Sheet

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