



MEMORANDUM OF UNDERSTANDING

between

Big Bend Community College

and

the College of Agricultural, Human, and Natural Resource Sciences

Washington State University



Big Bend Community College (BBCC) and Washington State University (WSU) hereby enter into a Memorandum of Understanding (MOU) based on a Customized Articulation Agreement (CAA) for transfer students from BBCC to WSU with an Associate in Applied Science 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 BBCC a more efficient transfer pathway to Washington State University (WSU). Students who complete the AAS-T 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-T 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 BBCC 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 BBCC 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 BBCC 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 BBCC and Washington State University in effect at the time the student enters the BBCC AAS-T degree specified in this MOU.

ATTACHMENT A

Articulation Planning Grid

Big Bend Community College, Associate in Applied Science Transfer degree →

WSU CAHNRS BS Agricultural & Food Systems degree, Agricultural & Food Business Economics major

BBCC 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
ECON& 201	3.35	[SSCI] Inquiry in the Social Sciences = ECONS 101	
HUMANITIES	3.35	[HUM] Inquiry in the Humanities	
ART	3.35	[ARTS] Inquiry in the Creative and Professional Arts	
		A. Inquiry in the Natural Sciences ²	7
		[BSCI] Biological Science = BIOLOGY 107	4
CHEM& 161 ² + CHEM& 162 ²	6.7	[PSCI] Physical Science = CHEMISTRY 105	
		<i>One lab required</i>	
		Integrative and Applied Learning	8
ANTH& 100	3.35	[DIVR] Diversity = ANTH 101	
		[CAPS] Integrative Capstone	3
		<i>400-level AFS 401</i>	
UCORE Credits at WSU at lower-division ³			4
UCORE Credits at WSU at upper-division ⁴			6
Total UCORE Credits to be Completed at WSU			10

B: WSU Writing Requirements	
Writing in the Major (min. of two [M] courses)	ECONS 311 Intro Econometrics [M] & ECONS 450 Adv Farm & Ranch Mgmt [M] & ECONS 452 Adv Business Mgmt Economics [M]
Writing Portfolio	
BBCC Courses & Semester Credit Equivalents ¹	WSU Requirements & Semester Credits

C: Core Program Requirements			
AGR 241 ⁵	3.35	ECONS 350	
AGR 261	3.35	CROP SCI/HORT 102	
AGR 263	3.35	SOIL SCI 201	
AGR 271 ⁵	3.35	ECONS 351	
BOT 130	3.35	BIOLOGY 120	
CHEM& 161 + 162 ^{2,6}	0	CHEMISTRY 105	
CHEM& 163 ²	3.35	CHEMISTRY 106	
ECON& 201 ⁶	0	ECONS 101	
		BIOLOGY 107 ⁶	0
		AFS 101	3
		AFS 201	3
		AFS 401 ⁶ [CAPS]	0
		ANIM SCI 101	3
		CROP SCI 360	3
Core Credits at WSU at lower-division ³			9
Core Credits at WSU at upper-division ⁴			3
BBCC Courses & Semester Credit Equivalents ¹		WSU Requirements & Semester Credits	
D: Major/Option Requirements			
ECON& 202	3.35	ECONS 102	
MATH& 141	3.35	MATH 106	
MATH& 146 ⁶	0	STAT 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
Major/Option Credits at WSU at lower-division ³			3
Major/Option Credits at WSU at upper-division ⁴			21
BBCC Courses & Semester Credit Equivalents ¹		WSU Requirements & Semester Credits	
E: Electives			
AGR 101 + 295 + 297	5.36	Electives	9
Elective Credits at WSU at lower-division ³			3
Elective Credits at WSU at upper-division ⁴			6
SUMMARY			
Minimum Credits for WSU degree ⁷			120
Total Upper-Division Credits from BBCC			6.70
Total Upper-Division Credits at WSU ⁴			36
Total Semester Credits transferred to WSU ⁸			69.01
Total UCORE Credits to be completed at WSU			10
Total Core Credits to be completed at WSU			12
Total Major Credits to be completed at WSU			24
Total Elective Credits to be completed at WSU			9
Total Credits to be completed at WSU			55
Total Credits to complete articulated agreement			124.01

NOTES:

- ¹ Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits
- ² Chemistry 161 + 162 + 163 are equivalent to CHEM 105 and 106 at WSU.
- ³ Upper-division courses may also fulfill these requirements.
- ⁴ A minimum of 40 semester hours must be upper-division (300-400) credit (Rule 114).
- ⁵ Transfers as upper-division credit.
- ⁶ Credits already counted in UCORE section.
- ⁷ 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.
- ⁸ 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

Big Bend Community College, Associate in Applied Science Transfer→
WSU CAHNRS BS Agricultural & Food Systems, Agricultural & Food Business Economics major

Big Bend Community College

Course #	Course Title	Quarter Credits ¹	Sem. Credits
Year 1 - Fall Quarter			
AGR 101	Intro to Ag Industry & Careers	2	1.34
AGR 261	Plant Science	5	3.35
ANTH& 100	Survey of Anthropology	5	3.35
ENGL& 101	English Composition	5	3.35
<i>Total Quarter Credits</i>		17	11.39
Year 1 - Winter Quarter			
BOT 130	Botany	5	3.35
ECON& 202	Macroeconomics	5	3.35
CMST& 220	Public Speaking	5	3.35
ART	Arts UCORE ⁶	5	3.35
<i>Total Quarter Credits</i>		20	13.40
Year 1 - Spring Quarter			
AGR 271 ²	Ag Sales & Mktg	5	3.35
SOC& 101 or PSYC& 100	Human Relations Requirement	5	3.35
ECON& 201	Microeconomics	5	3.35
<i>Total Quarter Credits</i>		15	10.05
Year 1 - Summer Quarter			
AGR 295	Work Based Learning Internship	5	3.35
AGR 297	Work Based Learning	1	.67
<i>Total Credits</i>		6	4.02
Year One Total		58	38.86

Year 2 - Fall Quarter			
AGR 241 ²	Farm & Ranch Mgmt	5	3.35
CHEM& 161 ³	General Chem I	5	3.35
FAD 150 ⁵	Industrial First Aid	2-NT ⁵	0
MATH& 141	Precalculus	5	3.35
<i>Total Quarter Credits</i>		17	10.05 ⁵
Year 2 - Winter Quarter			
AGR 263	Soils	5	3.35
CHEM& 162 ³	General Chem II	5	3.35
MATH& 148	Business Calculus	5	3.35
<i>Total Quarter Credits</i>		15	10.05
Year 2 - Spring Quarter			
HUM	Humanities UCORE ⁶	5	3.35
CHEM& 163 ³	General Chem III	5	3.35
Math& 146	Intro to Statistics	5	3.35
<i>Total Quarter Credits</i>		15	10.05
Year Two Total		47	30.15⁵
Total Credits⁴		105	69.01⁵

Washington State University

Year 3 - Fall Semester		
Course #	Course Title	Sem. Credits
BIO 107	Intro Biology: Cell Bio & Genetics	4
AFS 101	Intro Ag & Food Systems	3
ANIM_SCI 101	Intro Animal Science	3
ECONS 301	Intermediate Microeconomics	3
<i>Total Credits</i>		13

Year 3 - Spring Semester		
Course #	Course Title	Sem. Credits
ACCTG 230	Intro Financial Acctg	3
AFS 201	System Skills Development	3
ECONS 311	Intro Econometrics	3
ECONS 335	Business Finance Economics	3
HIST 305	Roots of Contemporary Issues for TR students	3
<i>Total Credits</i>		15

Year 4 - Fall Semester		
Course #	Course Title	Sem. Credits
CROP_SCI 360	World Ag Systems	3
ECONS 302	Intermediate Macroeconomics	3
ECONS 452	Adv Business Mgmt Econ	3
	Elective	3
<i>Total Credits</i>		12

Year 4 - Spring Semester		
Course #	Course Title	Sem. Credits
AFS 401	Adv Systems Analysis and Design in AFS	3
ECONS 450	Adv Farm & Ranch Mgt	3
ECONS 451	Adv Food Econ & Mkt	3
	Upper Division Elective	3
	Upper Division Elective	3
<i>Total Credits</i>		15

TOTAL WSU CREDITS	55
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ATTACHMENT B

Term-by-Term Planning Sheet

Big Bend Community College, Associate in Applied Science Transfer→

WSU CAHNRS BS Agricultural & Food Systems, Agricultural & Food Business Economics major

NOTES:

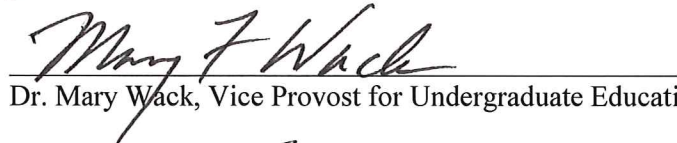
- ¹ Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits
- ² Transfers as upper division credit.
- ³ Chemistry 161 + 162 + 163 are equivalent to CHEM 105 and 106 at WSU
- ⁴ The maximum combined lower-division transfer credit allowed [from regionally accredited 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).
- ⁵ FAD 150 does not transfer to WSU. Course will be waived by BBCC if student shows proof of CPR/First Aid certification. If student does not transfer enough credits to WSU, the WSU advisor will advise the student into an additional credit to meet WSU graduation credit requirements.
- ⁶ UCORE equivalents can be found at: <https://transfercredit.wsu.edu/> under “transfer course search tool”.

The undersigned certify this Memorandum of Understanding:

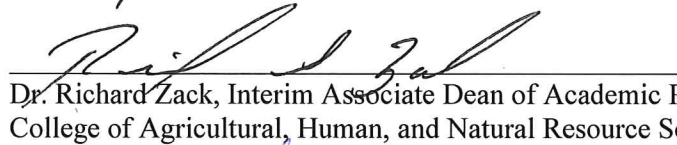
Washington State University


Dr. Daniel Bernardo, Provost & Executive Vice President

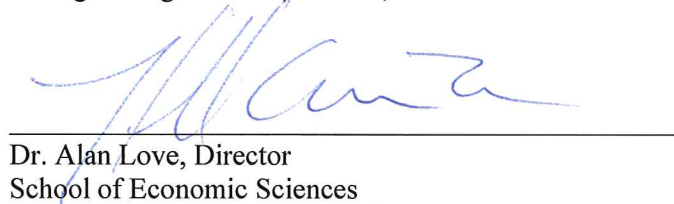
11/24/16
Date


Dr. Mary Wack, Vice Provost for Undergraduate Education

11/22/16
Date


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

11 Nov 2016
Date


Dr. Alan Love, Director
School of Economic Sciences

9/21/16
Date

Big Bend Community College


Terrence Leas, President
Big Bend Community College

12/07/2016
Date