



MEMORANDUM OF UNDERSTANDING
between
Walla Walla Community College
and
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 with the Associate in Applied Arts and Sciences Degree in Watershed Ecology-ES who follow the attached advising recommendations and matriculate into the Earth & Environmental Sciences Degree in Earth Sciences in the College of Agricultural, Human, and Natural Resource Sciences (CAHNRS) and College of Arts and Sciences (CAS) 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 WWCC a more efficient transfer pathway to WSU. Students who complete the Associate in Applied Arts and Sciences Degree in Watershed Ecology-ES with at least a 2.0 cumulative grade point average will be admitted to the major as Earth Sciences majors 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 Associate in Applied Arts and Sciences Degree in Watershed Ecology-ES 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 and CAS 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 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 Walla Walla Community College and Washington State University in order to earn Earth and Environmental Sciences degree in Earth Sciences. Attachment B specifies the required term-by-term course of study as offered by WWCC 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 Walla Walla Community College and Washington State University in effect at the time the student enters the Walla Walla Community College Associate in Applied Arts and Sciences Degree in Watershed Ecology-ES specified in this MOU.

The undersigned certify this Memorandum of Understanding:

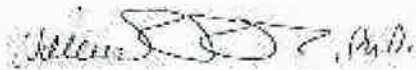
Washington State University



Dr. Elizabeth Chilton, Provost and Executive Vice President,
Chancellor-designate WSU Pullman

4/20/2022

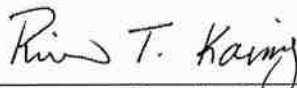
Date



Dr. William B. Davis, Interim Vice Provost for Academic
Engagement & Student Achievement

4/12/2022

Date



Dr. Richard T. Koenig, Interim Dean
College of Agricultural, Human, and Natural Resource Sciences

4/11/2022

Date

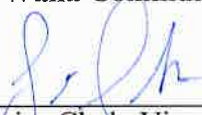


Dr. C Kent Keller, Director/Professor
School of the Environment

28 Feb 2022

Date

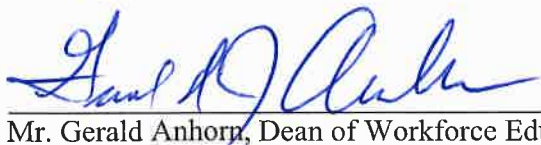
Walla Walla Community College



Dr. Jessica Clark, Vice President of Instruction

4/20/22

Date



Mr. Gerald Anhorn, Dean of Workforce Education & BAS Programs

4/21/2022

Date

Attachment A – Term-by-Term Planning Sheet
Walla Walla Community College Watershed Ecology-ES →WSU CAHNRS and CAS B.S.
WSU Articulation Agreement for Earth Sciences

Walla Walla Community College

Year 1 - Fall Quarter			
<i>Course Number</i>	<i>Course Title</i>	<i>Quarter Credits</i>	<i>Sem. Credits</i>
CHEM& 121 or 161 ⁶	Intro to Chemistry or General Chemistry I = CHEM 101 or 105	5	3.35
ENGL& 101	English Composition	5	3.35
MATH& 141	Pre-Calculus I	5	3.35
FYE ⁵	First Year Experience (if needed)		
	Total Credits	15	10.05
Winter Quarter			
MATH& 141	Pre-Calculus II	5	3.35
CHEM& 122 or 162 ⁶	Intro to Organic Chemistry or General Chemistry II	5	3.35
CMST& 220	Public Speaking	5	3.35
	Total Credits	15	10.05
Spring Quarter			
GEOG& 101	Intro to physical Geology	5	3.35
CHEM& 123 or 163 ⁶	Intro to Biochemistry or General Chemistry II	5	3.35
ART& 101	Art Appreciation	5	3.35
	Total Credits	15	10.05
	Year One Total	45	30.15

Year 2 – Fall Quarter			
<i>Course Number</i>	<i>Course Title</i>	<i>Quarter Credits</i>	<i>Sem. Credits</i>
BIOL& 211	Majors Cellular	5	3.35
GIS 150	Introduction to GIS	3	2.01
AGBS 222	Ag & Water Policy	5	3.35
MATH& 151	Calculus I	5	3.35
	Total Credits	18	12.06
Winter Quarter			
BIOL& 213	Majors Plant	5	3.35
GIS 151	Advanced GIS	3	2.01
MATH& 152	Calculus II	5	3.35
	Total Credits	13	8.71
Spring Quarter			
BIOL& 212	Majors Animal	5	3.35
HIST& 128	World Civilization III	5	3.35
AGBS 201 or ECON& 201	Microeconomics	5	3.35
	Total Credits	15	10.05
	Year Two Total	46	30.82
	TOTAL WWCC CREDITS	91	60.97

Washington State University

Third Year - Fall Semester		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
SOE 350	Earth Materials	4
	[HUM]	3
SOE 210	Intro to Earth's Hist & Evol	4
PHYSICS 101 & 111	General Physics and Lab	4
	Total Credits	15

Third Year - Spring Semester		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
SOE 356	Magmatic Processes	3
SOE 303	Environmental Geology	3
ENGL 402	Technical Writing [M]	3
SOE 312	Natural Res & Society [DIVR]	3
SOE 315	Water and the Earth	3
	Total Credits	18
3rd term: Summer Session		
GEOL 307	Geology Field Camp	3
	Total Credits	3

Fourth Year - Fall Semester		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
SOE 320	Sedimentary Petrology	3
SOE 340	Structural Geology [M]	4
	Upper Division Professional Elective [M]	3
	Foreign Language (if needed)	
SOE 475	Groundwater	3
	Total Credits	13

Fourth Year - Spring Semester		
<i>Course Number</i>	<i>Course Title</i>	<i>Sem. Credits</i>
SOE 4XX	Geoscience for Sust. Dev.	3
	Upper Division Prof Elective	4
SOE 300	Natural Resources Ecology	3
	Foreign Language (if needed)	
SOE 357	Metamorphic Rocks & Minerals	3
	Total Credits	13
Fifth Year – Fall Semester		
	Upper Division Prof Electives	12
	Total Credits	12
	TOTAL WSU CREDITS	74

NOTES: Conversion formula for quarter to semester credits:
Quarter credits x 2/3 = semester credits

Attachment B – Articulation Grid

Walla Walla Community College Watershed Ecology-ES → WSU CAHNRS and CAS B.S. WSU Articulation Agreement for Earth Sciences

Partner Courses	(semester credit equivalents)	WSU Requirements (semester credits)	
A: WSU UCORE Requirements			
		First-Year Experience	3
HIST& 128	3.35	[ROOT] Roots of Contemporary Issues: HIST 105	
		Foundational Competencies	10
ENGL& 101	3.35	[WRTG] Written Communication: ENGL 101	
CMST& 220	3.35	[COMM] Communication: COM 102	
MATH& 152	3.35	[QUAN] Quantitative: MATH 171	
		Ways of Knowing	20
AGBS 201	3.35	[SSCI] Inquiry in the Social Sciences: ECONS 101	
HUM 101 or HUM& 116 or HIST& 127	3.35	[HUM] Inquiry in the Humanities: HUM 101 or HIST 121	
AGBS 222	3.35	/SSCI UCORE elective 2xx	
ART& 100	3.35	[ARTS] Inquiry in the Creative and Professional Arts FINE ART 101	
		<i>A. Inquiry in the Natural Sciences</i>	7
BIOL& 212 + BIOL& 213	6.7	[BSCI] Biological Science: BIOLOGY 106 AND	
CHEM& 121 & 122 OR CHEM& 161 & 162	3.35	[PSCI] Physical Science: CHEM 101 or 105	
		Integrative and Applied Learning (included in ENVR Core)	
		[DIVR] Global Diversity: Non-major elective or SOE 312	
		[CAPS] Integrative Capstone: GEOL 408	
		CAS Foreign Language Req	
		Other Required Courses	19
		ENVR SCI 101	3
MATH& 141	3.35	MATH 106	
MATH& 142	3.35	MATH 108	
CHEM& 162 + 163	6.7	CHEM 102 or 106	
		PHYSICS 101 or 201	4
GEOL& 101	3.35	GEOLOGY 101	
UCORE Credits at WSU at lower-division¹			7
UCORE Credits at WSU at upper-division²			0
Total UCORE Credits to be completed at WSU			0

Partner Courses (semester credit equivalents)		WSU Requirements (semester credits)	
D: Earth Sciences Major Requirements			29
		GEOL 210	4
		PHYS 102 or 202	4
		GEOL 307	3
		GEOL 320	3
		GEOL 340	4
		GEOL 350	4
		GEOL 356	4
		GEOL 408	0
Major Credits at WSU at lower-division¹			4
B: WSU Writing Requirements			
Partner Courses (semester credit equivalents)		WSU Requirements (semester credits)	
C: Core Program Requirements			27-30
		ENGLISH 301 or 402	3
		SOE 300 or BIOL 372	3
GIS 150 + 151	4	SOIL SCI 368	
		GEOLOGY 303	3
		SOE 312 [DIVR]	3
		SOE 460 or GEOL 315	3
		GEOL 408 [M] [CAP]	3
		STATS 412	3
		GEOL 307	3
Core Credits at WSU at lower-division¹			0
Core Credits at WSU at upper-division²			24

Partner Courses (semester credit equivalents)		WSU Electives (semester credits)	
E: Professional Electives			10
		Upper Division Electives	10
Elective Credits at WSU at lower-division¹			0
Major Elective Credits at WSU at upper-division²			10

SUMMARY	
Minimum Credits for WSU degree ³	120
Total Upper-Division Credits at WSU	56
Total Semester Credits transferred to WSU ⁴	60.97
Total UCORE Credits to be completed at WSU	7
Total Core Credits to be completed at WSU	26
Total Major Credits to be completed at WSU	24
Total Elective Credits to be completed at WSU	10
Total Credits to be completed at WSU	67
Total Credits to complete articulated agreement	127.97

NOTES:

¹Upper-division courses may also fulfill these requirements.

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

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

⁴The maximum combined lower-division transfer credit allowed [from approved 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.

⁵First year experience course may need to be taken at Walla Walla Community College.

⁶Full chemistry sequence (CHEM& 161, 162, and 163) is required to keep credits above 90 at WWCC.