



MEMORANDUM OF UNDERSTANDING

between

Walla Walla Community College

and

*the 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 with an AAS-T degree in Animal Science who follow the attached advising recommendations and matriculate into a B.S. degree in Animal Sciences-Animal Management Option 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 WWCC a more efficient transfer pathway to Washington State University (WSU). Students who complete the AAS-T degree in Animal Science with at least a 2.0 cumulative grade point average will be certified as Animal Science majors at WSU; and will be granted Junior standing, assuming the total number of credits accepted in transfer equals at least 60 semester credits.

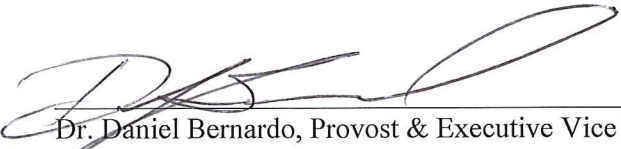
Transfer coursework for students completing the WWCC degree covered by this MOU will be applied to the Washington State University Common Requirements (UCORE, the general education program), as applicable under the WSU Transfer Course Equivalency Guidelines, and to the individual degree options within the CAHNRS as specified in this agreement. The transfer of credit allowed under this MOU is structured to maximize the use of WWCC 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 WWCC and Washington State University in order to earn a B.S. degree in Animal Sciences-Animal Management Option. 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 WWCC and Washington State University in effect at the time the student enters the WWCC AAS-T degree in Animal Science specified in this MOU.

The undersigned certify this Memorandum of Understanding:


Washington State University


Dr. Daniel Bernardo, Provost & Executive Vice President


11/8/16
Date


Dr. Mary Wack, Vice Provost for Undergraduate Education

11/2/16
Date



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

19 Sept 2016
Date


Dr. Kristen A. Johnson, Interim Chair
Department of Animal Sciences

9/19/16
Date

Walla Walla Community College


Dr. Derek Brandes, President

11/17/16
Date


Mr. Gerald Anhorn, Dean of Workforce Education

11/15/16
Date

ATTACHMENT A

Articulation Planning Grid

Walla Walla Community College AAS-T in Animal Science→
WSU CAHNRS B.S. in Animal Sciences-Animal Management Option

| CI Courses & Semester Credit Equivalents ¹ | | 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 | 9 |
| MATH& 146 | 3.35 | [QUAN] Quantitative Reasoning | |
| ENGL& 101 | 3.35 | [WRTG] Written Communication | |
| | | <i>One WRTG required plus either WRTG or COMM</i> | |
| CMST& 220 | 3.35 | [COMM] Communication | |
| | | OR [WRTG] | |
| | | Ways of Knowing | 16 |
| | | | |
| AGRI 201 or ECON& 201 | 3.35 | [SSCI] Inquiry in the Social Sciences: ECONS 101 | |
| | | | |
| HUMANITIES | 3.35 | [HUM] Inquiry in the Humanities | |
| | | [ARTS] Inquiry in the Creative and Professional Arts | 3 |
| | | A. Inquiry in the Natural Sciences ² | 7 |
| BIOL& 211 | 3.35 | [BSCI] Biological Science AND | |
| CHEM& 121 or CHEM 161& +162 | 3.35 | [PSCI] Physical Science | |
| | | | |
| | | Integrative and Applied Learning | 6 |
| | | [DIVR] Diversity (UD) | 3 |
| | | [CAPS] Integrative Capstone, Animal Production, ANIM_SCI 464, 472, 474 | 3 |
| | | | |
| UCORE Credits at WSU at lower-division ³ | | | 3 |
| UCORE Credits at WSU at upper-division ⁴ | | | 6 |
| Total UCORE Credits to be completed at WSU | | | 9 |

| | |
|--|--|
| B: WSU Writing Requirements | |
| Writing in the Major (min. of two [M] courses) | ANIM_SCI 408,440,451, 464, 472, 473, 474, 485, 488 |
| Writing Portfolio | |

| CI Courses & Semester Credit Equivalents ¹ | | WSU Requirements & Semester Credits | |
|---|------|---|---|
| C: Core Program Requirements | | | |
| BIOL& 212 + 213 | 6.7 | BIOLOGY 106 | |
| CHEM& 122 + 123 or CHEM& 162 + 163 | 6.7 | CHEM 102 or 106 | |
| MATH& 141 | 3.35 | MATH 106 | |
| MATH& 142 | 3.35 | MATH 108 | |
| AGPR 110 | 3.35 | ANIM SCI 101 | |
| AGPR 100 | 2.01 | ANIM SCI 180 | |
| | | ANIM SCI 313 | 4 |
| | | ANIM SCI 330 | 3 |
| | | ANIM SCI 350 | 3 |
| | | ANIM SCI 351 | 1 |
| | | ANIM SCI 380 | 1 |
| | | Animal Mgt Lab: ANIM SCI 166, 172, 174 OR 280 | 1 |
| Core Credits at WSU at lower-division ³ | | | 1 |
| Core Credits at WSU at upper-division ⁴ | | | 1 |
| | | | 2 |

| CI Courses & Semester Credit Equivalents ¹ | | WSU Requirements & Semester Credits | |
|---|------|--|----|
| D: Major/Option Requirements | | | |
| AGPR 115 ³ | 3.35 | VET_CLIN 361 | |
| AGRI 211=ECONS 350 | 3.35 | ECONS 330, 335, 351, 352, 450 (1 addnl course needed) | 3 |
| Group 1 Electives AGPR 116=ANIM_SCI 260 AGPR 112=ANIM_SCI elective | 6.7 | ANIM_SCI 205, 260, 274, 285, 314, 345, 360, | |
| Group 2 Electives | | ANIM_SCI 314, 345, 360, 408, 440, 451, 454, 460, 472, 473, 474, 485, 488 | 12 |
| Ag Sci Elective = AGPR 201, 225 | 6.7 | | |
| ENGL 301 or 402 | | | 3 |
| ANIM_SCI 399/499 | | | 1 |
| Major/Option Credits at WSU at lower-division ³ | | | 0 |
| Major/Option Credits at WSU at upper-division ⁴ | | | 19 |

| CI Courses & Semester Credit Equivalents ¹ | | WSU Requirements & Semester Credits | |
|--|--|--|---|
| E: Electives | | | |
| Upper Division Elective | | | 8 |
| Elective Credits at WSU at lower-division⁴ | | | |
| Elective Credits at WSU at upper-division⁵ | | | 8 |

| | |
|--|--------|
| SUMMARY | |
| Minimum Credits for WSU degree ⁶ | 120 |
| Total Upper-Division Credits at WSU ⁵ | 42 |
| Total Semester Credits transferred to WSU ⁶ | 72.36 |
| 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 | 19 |
| Total Elective Credits to be completed at WSU | 8 |
| Total Credits to be completed at WSU | 49 |
| Total Credits to complete articulated agreement | 121.36 |

ATTACHMENT A
Articulation Planning Grid
Walla Walla Community College AAS-T in Animal Science→
WSU CAHNRS B.S. in Animal Sciences-Animal Management Option

NOTES:

- ¹ Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits
- ² Students must take the courses indicated on Attachment A for the physical and biological sciences UCORE requirements.
- ³ AGPR 115 will not directly transfer to WSU as VET CLIN361, however it will meet and satisfy the Animal Health Elective Requirement.
- ⁴ Upper-division courses may also fulfill these requirements.
- ⁵ A minimum of 40 semester hours must be upper-division (300-400) credit (Rule 114).
- ⁶ 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.
- ⁷ 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
Walla Walla Community College AAS-T in Animal Science→
WSU CAHNRS B.S. in Animal Sciences-Animal Management Option

Walla Walla Community College

| Course # | Course Title | Quarter Credits ¹ | Sem. Credits |
|--------------------------------|--|------------------------------|--------------|
| Year 1 - Fall Quarter | | | |
| CHEM& 121 or 161 | Intro to Chem or Gen Chemistry | 5 | 3.35 |
| ENGL& 101 | English Comp | 5 | 3.35 |
| AGPR 116 | Carcass Evaluation Group 1 Elective | 5 | 3.35 |
| AGPR 110 | Livestock Production=A S 101 | 5 | 3.35 |
| Total Quarter Credits | | 20 | 13.40 |
| Year 1 - Winter Quarter | | | |
| CHEM& 122 or 162 | Intro to Org. Chem or Gen Chem II | 5 | 3.35 |
| AGRI 201 or ECON&201 | Microeconomics | 5 | 3.35 |
| AGPR 112 | Feeds & Feeding Group 1 Elective | 5 | 3.35 |
| MATH& 141 | Precalculus I | 5 | 3.35 |
| Total Quarter Credits | | 20 | 13.40 |
| Year 1 - Spring Quarter | | | |
| CHEM& 123 or 163 | Intro to Biochem or Gen Chem III | 5 | 3.35 |
| AGRI 211 | Small Business Mgt=EconS 350 | 5 | 3.35 |
| AGPR 115 | Animal Health and Disease=An Health Elective | 5 | 3.35 |
| Total Quarter Credits | | 15 | 10.05 |
| Year One Total | | 55 | 36.85 |
| Year 2 - Fall Quarter | | | |
| BIOL& 211 | Majors Cellular | 5 | 3.35 |
| AGPR 100 | Ag Orientation=A S 180 | 3 | 2.01 |
| Humanities ² | Humanities Elect | 5 | 3.35 |
| AGPR 201 | Soils I | 5 | 3.35 |
| Total Quarter Credits | | 18 | 12.06 |
| Year 2 - Winter Quarter | | | |
| BIOL& 213 | Majors Plants | 5 | 3.35 |
| CMST& 220 | Public Speaking | 5 | 3.35 |
| HIST&128 | World Civ II=Hist 105 | 5 | 3.35 |
| Total Quarter Credits | | 15 | 10.05 |
| Year 2 - Spring Quarter | | | |
| BIOL& 212 | Majors Animals | 5 | 3.35 |
| AGPR 225 | Pasture and Range Mgt | 5 | 3.35 |
| MATH& 142 | Trigonometry | 5 | 3.35 |
| MATH& 146 | Intro to Stats | 5 | 3.35 |
| Total Quarter Credits | | 20 | 13.4 |
| Year Two Total | | 53 | 35.51 |
| Total CI Credits | | 108 | 72.36 |

Washington State University

| Year 3 - Fall Semester | | |
|-------------------------------|---------------------------|--------------|
| Course # | Course Title | Sem. Credits |
| ANIM_SCI 313 | Feeds & Feeding | 4 |
| ANIM_SCI 330 | Animal Genetics | 3 |
| ANIM_SCI 166,172, 174 or 280 | Animal Management Lab | 1 |
| ANIM_SCI 380 | Careers in Animal Science | 1 |
| UCORE ARTS | UCORE ARTS | 3 |
| Total Credits | | 12 |

| Year 3 - Spring Semester | | |
|---------------------------------|---|--------------|
| Course # | Course Title | Sem. Credits |
| ANIM_SCI 350 | Phys of Reproduction | 3 |
| ANIM_SCI 351 | Phys of Repro Lab | 1 |
| ENGLISH 301 or 402 | Writing & Rhetorical Conv/ Tech Writing | 3 |
| UCORE DIVR | DIVR (Upper Division) | 3 |
| ELECTIVE | Upper Division Elective | 3 |
| Total Credits | | 13 |

| Year 4 - Fall Semester | | |
|-------------------------------|--|--------------|
| Course # | Course Title | Sem. Credits |
| | Group 2 Requirement | 6 |
| UCORE CAPS | Animal Production ANIM_SCI 464, 472,474*(CAPS) | 3 |
| | Business/Econ Elective 3/4XX | 3 |
| Total Credits | | 12 |

| Year 4 - Spring Semester | | |
|---------------------------------|-------------------------------|--------------|
| Course # | Course Title | Sem. Credits |
| | Group 2 Requirement | 6 |
| | Upper Division Elective | 5 |
| A S 399 or 499 | Practicum or Special Problems | 1 |
| Total Credits | | 12 |

| | |
|--------------------------|-----------|
| TOTAL WSU CREDITS | 49 |
|--------------------------|-----------|

* May be taken fall or spring semester

NOTES:

- 1 Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits
- 2 Humanities elective needs to be a [HUM] transfer equivalent course at WSU.