

ARTICULATION AGREEMENT BETWEEN CASPER COLLEGE AND UNIVERSITY OF WYOMING

OVERVIEW:

This formal program articulation agreement is made and entered into by Casper College, hereinafter referred to as CC, and University of Wyoming, hereinafter referred to as UW. By this agreement CC and UW express a shared commitment to increasing opportunities for student access to and success in higher education.

PURPOSE:

This agreement provides students who have completed the **Associate of Science** degree with articulated coursework in Computer Science the opportunity to complete a **Bachelor of Science in Computer Science** degree at UW. Any CC student who has earned an Associate of Science degree with coursework that adheres to the guidelines within this agreement is guaranteed that UW will accept designated major related credits and that all general education credits will apply to the Bachelor of Science degrees in a manner consistent with the treatment of native UW students and given junior status in the major.

CONDITIONS OF TRANSFER:

Section I: Admissions and Matriculation

CC students maintaining continuous enrollment under this agreement will be afforded the same treatment and protection as native UW College of Engineering students enrolled under a specific catalog.

Criteria for acceptance into UW College of Engineering will be consistent with the criteria outlined in the institutional articulation agreement between CC and UW.

CC, upon request of students, will provide verification of completed courses to UW through its Office of Registration and Records.

Transfer students from CC will have access to financial aid, scholarships, and student services on the same basis as native students.

UW will apply the same academic progress and graduation standards to CC transfer students as those applicable to native UW students.

Section II: Program Plan

While a course-by-course equivalence was used in the development of this plan, this agreement presumes that the general education core requirements at CC meet general education requirements at UW. Students falling under this program articulation agreement will be responsible for successfully completing the additional prescribed requirements.

AS Computer Science Casper College			Equivalent University of Wyoming Courses		
General Education			USP 2015		
Course	Course Title	Credits	Course	Course Title	Credits
ENGL 1010	English I: Composition	3	COM 1 course		3
ENGL 1020	English II: Composition	3	COM 2 course		3
MATH 2200	Calculus I	5	MATH 2200	Calculus I	4
CHEM 1025+1028 and 1035+1038 -or- PHYS 1310 and 1320 -or- BIOL 1010 and either 2022 or 2023	Lab Science Electives	8		Lab Science Electives	8
ECON 1200 -or- POLS 1000 -or- HIST 2011	Statutory Constitution Course	3	ECON 1200 -or- POLS 1000 -or- HIST 2011	Statutory Constitution Course	3
Cultural Environment Elective		3	Human Culture Elective		3
Human Behavior Elective		3	Human Culture Elective		3
General Education Elective		3	Free Elective		3
Physical Education Elective		1	Physical Education Elective		1
Total General Education Credits		32	Total General Education Credits		31
Major Classes			Major Classes		
Course	Course Title	Credits	Course	Course Title	Credits
COSC 1010	Introduction to Computer Science	4	COSC 1010	Introduction to Computer Science	4
COSC 1030	Computer Science I	4	COSC 1030	Computer Science I	4
COSC 2030	Computer Science II	4	COSC 2030	Computer Science II	4
COSC 2150	Computer Organization	3	COSC 2150	Computer Organization	3
COSC 2406	Programming in Java	4		Free Elective	3
COSC/MATH 2300	Discrete Structures	3	COSC/MATH 2300	Discrete Mathematics	3
MATH 2205	Calculus II	5	MATH 2205	Calculus II	4
STAT 2050 -or- STAT 2070	Statistics	5	STAT 2050 -or- STAT 2070	Statistics	4
Total Major Credits		32	Total Major Credits		29
Total Computer Science AS Credits		64	Total Computer Science AS Credits		60

UNIVERSITY OF WYOMING COURSEWORK TO COMPLETE BACHELORS OF SCIENCE

Assuming AS in Computer Science from CC, courses needed to complete major in
Computer Science at UW:

COSC 3011: Software Design	3
COSC 3020: Algorithms & Data Structures	4
COSC 3050: Ethics	1
COSC 4950: Senior Design I	1
COSC 4955: Senior Design II	2
Science Courses (two)	8
COSC 3015: Functional Programming	3
COSC 4740: Operating Systems	4
COSC System Course: one of COSC 4760: Networks or COSC 4820: Databases	3
COSC Theory Course: one of COSC 4100: Foundations or COSC 4200: Computability	3
COSC Language Course: one of COSC 4780: PPL or COSC 4785: Compilers	3
COSC Electives: upper division, 12 hours. <i>At most 3 hours of COSC 3970 can be counted toward this requirement.</i>	12
Math Electives: 3 hours from MATH courses above Calculus II or STAT courses 3000 and up. <i>Exceptions: cannot count MATH 2350, MATH 2355, MATH 4000, or any variable credit courses toward this requirement.</i>	6
Upper Division Electives: a minimum of 6 hours from any department	6
COM 3 Course	3

TERMS of AGREEMENT:

This agreement is made and entered into in the academic year 2015-2016 and remains in force unless a new articulation agreement is signed by all parties. The agreement is subject to annual review to assure currency with the respective degree requirements, and may be amended at any time. Should either party desire to discontinue this agreement, advance notification of one year will be required.

SIGNATURES:

Casper College and University of Wyoming hereby enter into this program articulation agreement leading from the Associate of Science degree with articulated coursework in Bachelor of Science in Computer Science.



Dr. Shawn Powell
Interim Vice President of Academic Affairs
Casper College

Date 04/16/16



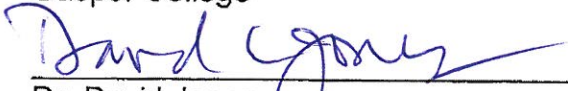
Dr. Lesley Travers
Dean, School of Business and Industry
Casper College

Date 4/14/16



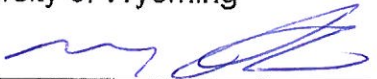
Dr. Roberta Marvel
Department Head, Computer Science and Information Systems
Casper College

Date 4-11-16



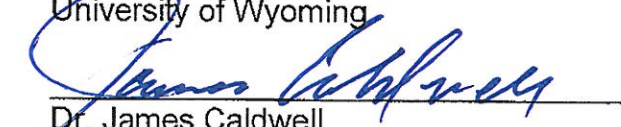
Dr. David Jones
Vice President of Academic Affairs
University of Wyoming

Date 4/20/16



Dr. Michael Pishko
Dean, College of Engineering and Applied Science
University of Wyoming

Date 4/19/16



Dr. James Caldwell
Department Head, Computer Science
University of Wyoming

Date 4/18/16

Computer Science, AS

Casper College

FRESHMAN

Fall Semester				Hrs	Spring Semester				Hrs
COSC	1010	Introduction to Computer Science		4	COSC	1030	Computer Science I		4
MATH	2200	Calculus I		5	MATH	2205	Calculus II		5
		Lab Science Elective (1)		4			Lab Science Elective (1)		4
ENGL	1010	English I: Composition		3	ENGL	1020	English II: Composition		3
TOTAL				16	TOTAL				16



SOPHOMORE

Fall Semester				Hrs	Spring Semester				Hrs
COSC	2030	Computer Science II		4			Statutory Constitution Course (3)		3
STAT		Statistics (2)		5	COSC	2409	Programming in Java		4
		Cultural Environment Elective		3	COSC	2300	Discrete Structures		3
PEAC		Physical Education Elective		1			Human Behavior Elective		3
COSC	2150	Computer Organization		3			General Education Elective		3
TOTAL				16	TOTAL				16
TOTAL DEGREE HOURS								64	

Transfer Recommendations and Notes:

(1) Lab Science Electives are a two course series chosen from: CHEM 1025+ 1028 and CHEM 1035+ CHEM 1038; or PHYS 1310 and PHYS 1320; or BIOL 1010 and either BIOL 2022 or 2023

(2) Choose from STAT 2050 or STAT 2070

(3) Choose from ECON 1200, POLS 1000, or HIST 2011

Computer Science, BS

University of Wyoming

JUNIOR

Fall Semester			Hrs	Spring Semester			Hrs
COSC	3015	Functional Programming	3	COSC	3011	Software Design	3
COSC	3020	Algorithms & Data Structures	4	COSC	3050	Ethics for the Computer Professional	1
COSC		Elective I (4)	3	COSC		Elective II (4)	3
		Science Elective I	4	MATH		Elective II (5)	3
MATH		Elective I (5)	3			Science Elective	4
						Upper Division Elective I	3
TOTAL			17	TOTAL			17



SENIOR

Fall Semester			Hrs	Spring Semester			Hrs
COSC	4950	Senior Design I	1	COSC	4955	Senior Design II	2
COSC	4740	Operating Systems	4	COSC		Programming Language Course (6)	3
COSC		Systems Course (7)	3	COSC		COSC Elective III (4)	3
COSC		Theory Course (8)	3	COSC		Elective IV (4)	3
		Communications Course III	3			Upper Division Elective II	3
TOTAL			14	TOTAL			14
TOTAL DEGREE HOURS							126

Transfer Recommendations and Notes:

(4) Total of 12 hours of Upper Division electives. At most 3 hours of COSC 3970 (Internship) can be counted towards this requirement.

(5) Must choose a MATH course above Calculus II or STAT course 3000 level or above. Exceptions: cannot count MATH 2350, MATH 2355, MATH 4000, or any variable length courses towards this requirement.

(6) Choose one of COSC 4780: PPL or COSC 4785: Compilers

(7) Choose one of COSC 4760: Networks or COSC 4820: Database

(8) Choose one of COSC 4100: Foundations or COSC 4200: Computability

This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the University Catalog and consult with their academic advisor to plan accordingly.

University of Wyoming requirements include: Students must have a minimum cumulative GPA of 2.5 to graduate. • Students must complete 42 hours of upper division coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U.