

# Major-Specific and Transfer Pathway Articulation Agreement

## BIOLOGY

Salt Lake Community College | University of Utah

The School of Biological Sciences in College of Science at the University of Utah (UofU) and the Division of Biology in the School of Science, Mathematics, and Engineering at Salt Lake Community College (SLCC) agree to the articulation of transfer credit as outlined in this major-specific articulation agreement.

This agreement (the "Agreement") is entered as of the last signature date below by and between Salt Lake Community College and the University of Utah, both bodies politic and corporate of the State of Utah and public institutions of higher education.

The following courses are accepted as equivalent in transfer:

### Articulation Abbreviations

**RC** = satisfies UofU Biology required course

**ER** = transfers as a course that satisfies additional requirements for some UofU Biology emphases

**ME** = transfers as a course that may go toward satisfying the requirement of "other biology courses needed for the required 36 Biology hours or required 72 science hours"

**GE** = satisfies General Education requirement for that area

**PGE** = satisfies 3 of the 6 required General Education credits in that distribution area

**GC** = transfers as general course credit that does not count toward major requirements

### COURSE EQUIVALENCIES

Salt Lake Community College			University of Utah			Articulation
Course	Title	Cr	Course	Title	Cr	Note
<b>SLCC APS Biology Required Major Courses</b>						
BIOL1610	College Biology I (LS)	3	BIOL1610	FUNDAMENTAL PRINCIPLES OF BIOLOGY I	3	RC
BIOL1615	College Biology I Lab	1	BIOL1615	FUNDAMENTAL PRINCIPLES OF BIOLOGY LAB I	1	RC
BIOL1620 & BIOL 1625	College Biology II & College Biology II Laboratory	4 0	BIOL1620 & BIOL 1625	FUNDAMENTAL PRINCIPLES OF BIOLOGY II & FUNAMENTAL PRINCIPLES OF BIOLOGY LAB II	3 1	RC RC
BIOL2020 & BIOL 2025	Cell Biology & Cell Biology Lab	4 0	BIOL2020	PRINCIPLES OF CELL BIOLOGY	3	RC
BIOL2025	Cell Biology Lab	0	May meet <i>Biology Laboratory Courses</i> requirement pending approval of University of Utah faculty.			
BIOL2030 & BIOL 2035	Genetics & Genetic Lab	4 0	BIOL2030	PRINCIPLES OF GENETICS	3	RC
BIOL2035	Genetics Lab	0	May meet <i>Biology Laboratory Courses</i> requirement pending approval of University of Utah faculty.			

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MATH1210	Calculus I (QL)	4	MATH 1210	CALCULUS I	4	RC
MATH1220	Calculus II	4	MATH 1220	CALCULUS II	4	RC
CHEM1210	General Chemistry I	4	CHEM 1210	GENERAL CHEMISTRY I	4	RC
CHEM1215	General Chemistry Lab I	1	CHEM 1215	GENERAL CHEMISTRY LAB I	1	RC
CHEM1220	General Chemistry II	4	CHEM 1220	GENERAL CHEMISTRY II	4	RC
CHEM1225	General Chemistry Lab II	1	CHEM 1225	GENERAL CHEMISTRY LAB II	1	RC
CHEM2310	Organic Chemistry I	4	CHEM 2310	ORGANIC CHEMISTRY I	4	RC
PHYS2010	College Physics I	4	PHYS 2010	GENERAL PHYSICS I	4	RC
PHYS2020	College Physics II	4	PHYS 2020	GENERAL PHYSICS II	4	RC
<b>SLCC APS Biology Required General Education Courses</b>						
ENGL 1010	Intro to Writing (EN)	3	WRTG 1010	INTRODUCTION TO ACADEMIC WRITING WRTG 1010 (may be required based on student admissions index)	3	PGE
ENGL 2010 or ENGL2100	Intermediate Writing (EN) Technical Writing (EN)	3	WRTG 2010	Intermediate Writing Lower Division Writing (WR2) requirement met	3	PGE
MATH 1210	Calculus I (QL) <i>included in major requirements</i>	-	MATH 1210	Calculus I (QR) Quantitative Reasoning (QA, QB, QR) requirement met	4	GE
Any AI	Any approved American Institutions course	3		American Institutions (AI) requirement met	3	GE
Any FA	Any approved Fine Arts course	3		3 of 6 required Fine Arts Exploration (FF) met	3	PGE
Any HU	Any approved Humanities course*	3		3 of 6 required Humanities Exploration (HU) met	3	PGE
Any SS	Any approved Social Science course*	3		3 of 6 required Social/Behavioral Science (BF) met	3	PGE
*one course co-designates as Diversity (DV)				Diversity graduation requirement met	3	
BIOL 1610	College Biology I (LS) <i>included in major requirements</i>	-		Physical/Life Science (SF/AS) requirement met.		GE

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PS	SLCC Physical Science requirements will be satisfied through major course work.	-				
				Course requirements in the student's major automatically satisfy IE requirements in that area.		
<b>SLCC APS Biology Elective Courses</b>						
MATH1010	Intermediate Algebra	4				GC
MATH1050	College Algebra (QL)	4				GC
MATH1060	Trigonometry (QL)	3				GC
MATH1080	Precalculus (QL)	5				GC
BIOL1010	Introduction to Biology	3				GC
BIOL1015	Introduction to Biology Lab	1				GC
BIOL2060 & BIOL 2065	Microbiology & Microbiology Lab	3	BIOL 3370	MICROBIAL BIOLOGY	3	ER
BIOL2065	Microbiology Lab	1	May meet <i>Biology Laboratory Courses</i> requirement pending approval of University of Utah faculty.			
BIOL2320 & BIOL 2325	Human Anatomy & Human Anatomy Lab	4 0	BIOL 2325	HUMAN ANATOMY	4 [L1]	ER
BIOL2325	Human Anatomy Lab	0	May meet <i>Biology Laboratory Courses</i> requirement pending approval of University of Utah faculty.			
BIOL2420 & BIOL 2425	Human Physiology & Human Physiology Lab	3 1	BIOL 2420	HUMAN PHYSIOLOGY	4	ER
BIOL 2425	Human Physiology Lab	1	May meet <i>Biology Laboratory Courses</i> requirement pending approval of University of Utah faculty.			
BIOL 2900	Special Topics in Biology	1				
BIOL2990	Independent Study	1				
STEM2010	Original Research Proposal in STEM	1				
CHEM1010	Intro to Chemistry	3				
CHEM2315	Organic Chemistry Lab I	1				
CHEM2320	Organic Chemistry II	4				ER
CHEM2325	Organic Chemistry Lab II	1				

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### ADDITIONAL GUARANTEES

- Prior to transfer, SLCC students complete the Associate of Pre-Science (APS) Biology degree as outlined in the SLCC online catalog.
- Students must earn a grade of C or higher in all BIOL, MATH, CHEM, and PHYS courses required for the degree.
- Students who complete the Associate of Pre-Science degree in Biology at SLCC will be accepted to the University of Utah's Bachelor of Science degree in Biology at junior standing. All lower-division major course requirements are satisfied; students are eligible to register for upper-division major courses.
- Pending vote by the University of Utah biology faculty, students who complete the Associate of Pre-Science degree in Biology at SLCC will have satisfied all their required Biology Lab Courses worth 1 lab unit. Students will be required to complete one upper-division Biology Lab course worth 2 lab units at the University of Utah upon transfer.
- After transfer, students shall complete remaining bachelor's degree requirements at the University of Utah. These include:
  - General Education requirements as prescribed by the University of Utah:
    - One approved Fine Arts (FF) courses
    - One approved Humanities (HU) courses
    - One approved Social/Behavioral Science (BF) course
  - Bachelor's Degree requirements
    - Upper-Division Communications (CW) course
    - Upper-Division International (IR) course
    - Upper-Division Quantitative Intensive (QI) course
  - Remaining Biology degree upper-division course requirements
- SLCC APS Biology students should seek early advisement at both SLCC and the UofU to ensure proper sequencing of courses selection of course electives, and efficient time to degree completion.

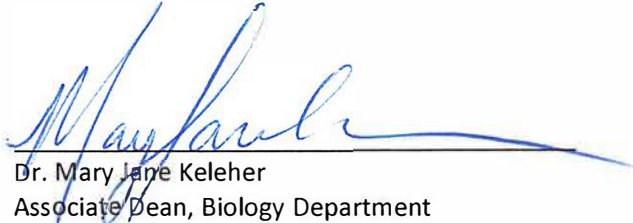
### LIABILITY

Both Salt Lake Community College and the University of Utah are governmental entities under the Governmental Immunity Act, §§ 63G-7-101 to -904 (2011), as amended (the "Act"). Notwithstanding any provision to the contrary herein, there are no indemnity obligations between these parties. Subject to and consistent with the terms of the Act, each party shall be liable only for its own negligent acts or omissions or those of its employees, officers, and agents while engaged in the performance of the obligations under this Agreement, and neither party shall have any liability whatsoever for any negligent act or omission of the other party, its employees, officers, or agents. Neither party waives any defenses or limits of liability available under the Act and other applicable law. Both parties maintain all privileges, immunities, and other rights granted by the Act and other applicable law. Each party carries insurance through the State Risk Manager of the State of Utah up to the limits required by the State Risk Manager of the State of Utah and applicable law. Nothing in this Agreement shall require either party to carry different or additional insurance. It is not the intent of either party to incur by contract any liability for the operations, acts, or omissions of the other party or any third party and nothing in this Agreement shall be so interpreted or construed. In the event of any conflict, inconsistency or discrepancy between the provisions of this paragraph and any other provisions of this Agreement, the provisions of this paragraph of the Agreement shall govern.

This agreement will remain in effect unless terminated in writing by either institution. This agreement will be reviewed annually, and renewal is contingent on the outcome of this review.

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Dr. Mary Jane Keleher  
Associate Dean, Biology Department  
Salt Lake Community College

7/30/2020

Date



Dr. Leslie Sieburth  
Chair, School of Biological Sciences  
University of Utah

8/12/2020

Date



Dr. Craig Caldwell  
Dean, School of Science, Math and Engineering  
Salt Lake Community College

8/3/2020

Date



Dr. Peter Trapa  
Dean, College of Science  
University of Utah

11 August 2020

Date