Physics Articulation Agreement

University of Utah Department of Physics & Astronomy | Salt Lake Community College Physics Department

This Agreement (the "Agreement") is entered into as of the last signature date below by and between Salt Lake Community College, a body politic and corporate of the State of Utah and a public institution of higher education, and the Department of Physics & Astronomy at the University of Utah, a body politic and corporate of the State of Utah and a public institution of higher education. The purpose of this Agreement is to articulate the terms of collaboration between the Department of Physics & Astronomy at the University of Utah (UU) and Salt Lake Community College (SLCC) that will begin July 1, 2021, all as more specifically described herein.

The Department of Physics & Astronomy at the University of Utah (UU) and the Division of Natural Sciences and Engineering at Salt Lake Community College (SLCC) agree to the articulation of transfer credit as outlined in this agreement.

The following courses agreed upon to articulate:

Salt Lake Community College Courses	University of Utah Courses
PHYS 1010- Elementary Physics	PHYS 1010- Elementary Physics: The Way Things Work
PHYS 2010- College Physics I	PHYS 2010- College Physics I
PHYS 2015- College Physics Lab I	PHYS 2015- College Physics Lab I
PHYS 2020- College Physics II	PHYS 2020- College Physics II
PHYS 2025- College Physics Lab II	PHYS 2025- College Physics Lab II
PHYS 2210 – Physics for Science & Engineering I	PHYS 2210- Physics for Scientists and Engineers I
PHYS 2215 – Physics for Sci & Eng Lab I	PHYS 2215- Physics Laboratory for Scientists and Engineers I
PHYS 2220 – Physics for Science & Engineering II	PHYS 2220- Physics for Scientists and Engineers II
PHYS 2225 – Physics for Sci & Eng Lab II	PHYS 2225- Physics Laboratory for Scientists and Engineers II
PHYS 2500 – Introduction to Computer Methods in Physics	PHYS2235 – Computational Laboratory for Physicists
PHYS 2710 – Introductory Modern Physics for Scientists and Engineers	PHYS3740 – Introduction to Quantum Theory and Relativity Students will not receive upper division credit, but will be able to move forward with courses that require PHYS 3740 as a prerequisite.

This agreement will be reviewed annually. Renewal will be contingent on the outcome of these reviews. This agreement will remain in effect unless terminated in writing by either institution.

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.

Jonathan Barnes

Jonathan Barnes
Associate Dean, Division of Natural Sciences & Engineering
Salt Lake Community College

Jun 10, 2021

Date

Christoph Boehme
Chair, Department of Physics & Astronomy
University of Utah

Jun 15, 2021

Date

Craig Caldwell

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

Jun 16, 2021

Date

Peter Trapa
Peter Trapa (Jun 16, 2021 15:39 MDT)

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

Jun 16, 2021

Date

Informational Addendum

*These courses are additionally required for the physics major but are offered through different departments at the University of Utah and Salt Lake Community College. Articulation for these courses is through the department listed. Please check the articulation MOU for these departments to ensure they are articulated by the corresponding department.

Additional Salt Lake Community College Courses*	University of Utah additional required courses for the various Department of Physics & Astronomy Majors*
MATH 1210 – Calculus I	MATH 1210 – Calculus I
MATH 1220 – Calculus II	MATH 1220 – Calculus II
MATH 2210 – Multivariate Calculus	MATH 2210 – Calculus III
MATH 2250 – Differential Eq/Linear Algebra	MATH2250 – Differential Equations and Linear Algebra
MATH 2270- Linear Algebra	MATH 2270- Linear Algebra
MATH 2280- Differential Equations	MATH 2280- Differential Equations
For All Emphases except Astro and Computational	
CHEM 1210- General Chemistry I	CHEM 1210- General Chemistry I
CHEM 1215- General Chemistry Lab I	CHEM 1215- General Chemistry Lab I
CHEM 1220- General Chemistry II	CHEM 1220- General Chemistry II
CHEM 1225- General Chemistry Lab II	CHEM 1225- General Chemistry Lab II
Other Emphasis Classes	
Biomedical Emphasis	
BIOL 1610-College Biology	BIOL 1610-College Biology
BIOL 2020- Cell Biology	BIOL 2020- Cell Biology
BIOL 2030- Genetics	BIOL 2030- Genetics
BIOL 2320- Human Anatomy	BIOL 2320- Human Anatomy
BIOL 2420- Human Physiology	BIOL 2420- Human Physiology
CHEM 2310- Organic Chemistry I	CHEM 2310- Organic Chemistry I
CHEM 2315- Organic Chemistry Lab I	CHEM 2315- Organic Chemistry Lab I
CHEM 2310- Organic Chemistry II	CHEM 2310- Organic Chemistry II
CHEM 2315- Organic Chemistry Lab II	CHEM 2315- Organic Chemistry Lab II
Computational Emphasis	
CSIS 1410- Object-Oriented Programming	CS 1410- Object-Oriented Programming
CSIS 2420-Algorithms and Data Structures	CS 2420-Algorithms and Data Structures
CSIS 1030- Foundations of Computer Science	CS 1030- Foundations of Computer Science
CSIS 2430- Discrete Structures	CS 2100- Discrete Structures

Physics Teaching Major	
EDU 1010- Orientation to Education	EDU 1010- Orientation to Education
EDU 2150- Intro to Multicultural Education	ECS 2150- Intro to Multicultural Education
ETHS -Ethnic Studies Elective (choose one)	*ETHNC 25**- Ethnic Studies Elective (choose one)*
ETHS 2410- African American Experiences	2550-African American Experiences
ETHS 2440- American Indian Experiences	2570- American Indian Experiences
ETHS 2420- Asian American Experiences	2580- Asian American Experiences
	2590-Pacific Islander American Experiences
Choose one	
ATMO 1010- Severe and Unusual Weather	ATMOS 1010- Severe and Unusual Weather
ATMO 1020- Climate Change	ATMOS 1020- Climate Change