ACADEMIC PROGRAM COMPLETION PLAN
Advising/Sign-off Sheet
Physics Teaching **Major**
Advisor: Cyri Dixon, 240 CSC, cyri.dixon@utah.edu

Student Name:_____ Student's ID#: _____

Student's Signature:_____ Date:____/____/____

Advisor's Signature:_____ Date:____/____/____

To Departmental Advisor: Please indicate below which courses the above-named student has completed in fulfillment of Teaching Major/Minor requirements. **PLEASE WRITE IN AND INITIAL ALL SUBSTITUTIONS.** After signing the form, please return it to the student.

Core Requirements:

Subject	Sem	Year	Course		Grade
MATH	Math Courses				
	Calculus (Choose One of the Following Sequences):				
			MATH 1210 Calculus I (4)	MATH 1250 - Calc for AP Students I (4)	
			MATH 1220 Calculus II (4)	MATH 1260 - Calc for AP Students II (4)	
			MATH 2210 Calculus III (3)		
	Ordinary Differential Equations and Linear Algebra (choose one of the following sequences):				
			MATH 2250 Differential Equations and Linear Algebra (4)	MATH2270 Linear Algebra (4)	
				MATH2280 Introduction to Differential Equations (4)	
CHEM	Chemistry Courses				
			CHEM 1210 General Chemistry I (4) OR CHEM 1211 Honors General Chemistry I (4)		
			CHEM1215 General Chemistry Laboratory I (1) OR CHEM1240 Honors General Chemistry Laboratory I (1)		
			CHEM1220 General Chemistry II (4) OR CHEM1221 Honors General Chemistry II (4)		
PHYS	Core Physics Courses				
			PHYS 1970: Undergrad Seminar I (1 Credit)		
			PHYS 1980: Undergrad Seminar II (1 Credit)		
			PHYS 2210: Physical Science and Engineering I (4 Credits)		
			PHYS 2215: Physical Science and Engineering I Lab (1 Credits)		
			PHYS 2220: Physical Science and Engineering II (4 Credits)		
			PHYS 2225: Physical Science and Engineering I Lab (1 Credits)		
			PHYS 2235: Computational Laboratory for Physicists (1 Credit)		
			PHYS 3740: Intro to Quantum Theory & Relativity (3 Credits)		
			PHYS 3760 or CHEM 3070: Thermodynamics and Statistical Mechanics or Thermodynamics and Chemical Kinetics (4 Credits)		

	Advanced Physics Courses			
			ASTR 3070: Foundations of Astronomy (3 Credits)	
			PHYS 4410:Classical Physics I (4 Credits)	
			PHYS 5140:Research and Teaching in Physics Education (3 Credits)	
	Electives			
			PHYS/ASTR 3XXX-5XXX: Physics or Astronomy elective excluding PHYS 3111 and PHYS 3670 (3-4 Credits)	
			ATMOS 1010 or 1020 or 5400: Severe and Unusual Weather or Climate Change or The Climate System (3 Credits)	
	Education Courses			
EDU			EDU 1010 Introduction to Teaching (3)	
ETHNC			Ethnic Studies (Choose One): ETHNC 2550 - African American Experiences (3) ETHNC 2560 - Chicana/o Experiences (3) ETHNC 2570 - American Indian Experiences (3) ETHNC 2580 - Asian Pacific American Experiences (3) ETHNC 2590 - Pacific Islander American Experiences (3)	
ED PS			ED PS 3721 Child Dev. & Learning (3)	
ECS			ECS 3150 Introduction to Multicultural Education (3)	
			ECS 5709: Building Family Partnerships (3)	
EDU			EDU 5170 Secondary Science Methods (3)	

Substitutions:

Comments:

Physics majors must have a GPA of at least 2.0 in physics courses combined and at least a "C" grade in each course.

Secondary Education Licensure students must maintain a 3.0 cum GPA. Education courses must be completed with a grade of "B-" or better beginning fall 2020. Education courses completed prior to fall 2020 may be completed with a grade of "C" or better. Major/minor courses must be completed with a grade of "C" or better.

Course Substitutions: If a course that is a requirement for the major is not available, the department reserves the right to substitute another course to fulfill that requirement.

Note: This academic completion plan **ONLY** lists those courses that are required for your **MAJOR**. It **DOES NOT** include General Education or Bachelor's Degree requirements which are also components to completing your degree. Please refer to your DARS report to make sure you are on track for these requirements. For licensure requirements, please contact the Secondary Education advisor.