ACADEMIC PROGRAM COMPLETION PLAN
Advising/Sign-off Sheet
Mathematics Teaching **Major**
Advisor: Angie Gardiner, 214 LCB, advisor@math.utah.edu

Student Name:_____ Student's ID#:_____Catalog Year: _____

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 place it in an envelope, seal the envelope, and sign over the seal before returning it to the student.

Core Requirements: Choose **one** calculus sequence from the following

Sequence One:				Sequence Two:			
Sem	Year	Course	Grade	Sem	Year	Course	Grade
		MATH1210 Calculus I (4)				MATH 1250 Calculus for AP Students I (4)	
		MATH1220 Calculus II (4)				MATH 1260 Calculus for AP Students II (4)	
		MATH2210 Calculus III (3)					

Physics: Choose **one** of the following courses*****

Sem	Year	Course	Grade
		PHYS 2210 Physics for Scientists and Engineers I (4) PHYS 3210 Physics for Scientists I (4)	

Required Math Courses:

	Sem	Year	Course	Grade
MATH			MATH2200 Introduction to Discrete Mathematics (3)	
			MATH 2270 Linear Algebra (4)	
			MATH 2280 Introduction to Differential Equations (4)	
			MATH 3070 Applied Statistics I (4) [QI]	
			MATH 3100 Foundations of Geometry (3)	
			MATH 3210 Foundations of Analysis I [QI] (4)	
			MATH3410 Statistics for Secondary Mathematics Teachers (3)	
			MATH3420 Geometry for Secondary Mathematics Teachers (3)	
			MATH3430 Algebra for Secondary Mathematics Teachers (3)	
			MATH4030 Foundations of Algebra (3)	
			MATH4090 Teaching of Secondary School Mathematics (3)	
			MATH4095 - Practicum for Secondary Mathematics Teachers (2	

			Choose One: MATH 3220 Foundations of Analysis II [QI] (4) MATH 4400 Introduction to Number Theory (3) MATH5270 - Transformational Geometry (3)	
			Earned at least 3 credits from: Courses from MATH 4200-5999	
			MATH 5700 Capstone Course (3)	

Substitutions:

Comments:

All Math courses counting toward the major must be completed with a grade of "C+" or better within 3 attempts, or the student may be dismissed from the major. Students must also maintain a minimum GPA of 2.8 in all math course work.
(A "C" or better in the Physics Course(s) is acceptable.)

Candidates for Secondary Education Licensure must be completed with a grade of "B-" or better beginning fall 2020. Education and prerequisite courses completed prior to fall 2020 must be completed with a grade of "C" or better. Major/minor courses must be completed with a grade of "C" or better unless departmental grade requirements are higher.

*The Mathematics Department strongly suggests that students finish the physics sequence started.

Required for each mathematics major is satisfactory performance on the Praxis Exam #5161: "Mathematics: Content Knowledge," which is used as the department's comprehensive exam. This exam should be taken before the last semester prior to graduation. Please note that the current minimum required score by the Math department for this exam is 165. Scores must be submitted to the Math department in order to be cleared for graduation.

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. For any questions regarding Quarter to Semester course equivalencies, please see the departmental advisor.

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.