

Cleveland State University
College of Education and Human Services
CSUteach Program

Integrated Mathematics + Single Field Physics (BS in Mathematics, minor in Physics, minor in Education) Grades 7-12
Undegraduate

Student Name _____

CSU ID # _____

GENERAL EDUCATION			
Complete the General Education requirements for selected major, including specific courses noted below	Credits	Sem.	√
PSY 221: Adolescent Psychology	3	B	
EDC 300: Diversity in Educational Settings	3	B	
PROFESSIONAL EDUCATION			
(Must be accepted into Licensure program and maintain at least a 2.50 Cum. GPA to be eligible for 300-400 level professional education courses).	Credits	Sem.	√
Foundations			
EUT 201: Step 1: Inquiry Approaches to Teaching	1	B	
EUT 215: Step 2: Inquiry-Based Lesson Design in Mathematics	1	B	
STEM Education Content			
EUT 210: Perspectives on Science and Mathematics	3	Sp	
MTH 201: Functions and Modeling	3	Sp	
SCI 311: Research Methods	3	Fa	
STEM Education Professional Courses			
EUT 302: Knowing & Learning in Mathematics & Science	3	Fa	
EUT 305: Classroom Interactions	3	Sp	
EDL 305: Reading in the Content Area	3	Fa	
*EUT 315: Project-based Instruction in Mathematics	3	Fa	
EST 399: CSUteach STEM Apprentice Teaching I	1	Fa	
Culminating Experience			
*EST 499: CSUteach STEM Apprentice Teaching II [Prereq: EUT 317; 75% Major Field courses; 2.50 Cum GPA; 2.50 Major Field GPA; 2.75 Prof. GPA]	6	Sp	

*Firm Application Deadlines for Apprentice Teaching I & II are February 15 (Fall Semester) and September 15 (Spring Semester).

The following OAE exams must be taken prior to student teaching and passed before you can apply for your license. You must designate CSU as a score recipient each time you register to have those exams that you pass permanently recorded on your transcript.

Test	Code	Length	Passing Score
Assessment of Professional Knowledge: Adolescent to Young Adult	003	3 hrs	220
Mathematics	027	4hr15min	220
Physics	035	3hr45min	220

CONTENT REQUIREMENTS			
Mathematics Requirements	Credits	Sem.	√
MTH 181: Calculus I	4		
MTH 182: Calculus II	4		
MTH 220: Discrete Mathematics	3		
MTH 281: Multivariable Calculus	4		
MTH 286: Differential Equations	3		
MTH 288: Linear Algebra	3		
MTH 301: Introduction to Number Theory	3		
MTH 323: Statistical Methods	3		
MTH 333: Geometry	3		
MTH 358: Abstract Algebra	3		
MTH 396: Junior Seminar	2		
MTH 424: Probability Theory & Application	3		
MTH 496: Senior Project	3		
MTH 4xx: Elective*	3		
MTH 4xx: Elective*	3		
Physics Requirements			
PHY 241/243/243H: University Physics I	5		
PHY 242/244/244H: University Physics II	5		
PHY 330: Introduction to Modern Physics	3		
PHY 470: Environmental Physics	3		
PHY 474: Thermal Physics (capstone)	4		
Additional Requirements			
BIO 380/381: Bio Content Mid School Teachers	4		
CHM 380: Prin of Chem Mid Sch Teachers	3		
EVS 206/207: Intro to Environmental Science + Lab	4		

*400 level Electives - does not include MTH 421, MTH 431, MTH 435, MTH 436, or MTH 467

Summary of Credits

Professional Education:	36
Other General Education Courses (not all listed):	16
Major Field Requirement:	78
Total	130

Evaluator's Signature

Date

^This program enables a candidate to obtain two separate licenses in the State of Ohio. During ATI and ATII, candidates will have a split experience (physics and mathematics) and will complete edTPA for both licenses.