

Cleveland State University
College of Education and Human Services
CSUteach Program
Integrated Science (Physics), Grades 7-12
Post-Baccalaureate

Student Name _____

CSU ID # _____

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	Fa	
EUT 217: Step 2: Inquiry-Based Lesson Design in Science	1	Sp	
STEM Education Content			
EUT 210: Perspectives on Science and Mathematics	3	Sp	
PHY 301: 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 317: Project-based Instruction in Science	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
Integrated Science	024	3 hrs	220

LICENSURE REQUIREMENTS			
Biology Requirements	Credits	Sem.*	√
PHY 241/243/243H: University Physics I	5	B	
PHY 242/244/244H: University Physics II	5	B	
PHY 330: Introduction to Modern Physics	3	Sp	
PHY 470: Environmental Physics	3	Fa	
PHY 474: Thermal Physics (capstone)	4	Fa	
Biology Requirements			
BIO 200/201: Introductory Biology I + Lab	4	B	
BIO 202/203: Introductory Biology II + Lab	4	B	
BIO 304/305: Population Biology & Evolution + Lab	4	Sp	
Chemistry Requirements			
CHM 255: Principles of Environmental Chemistry	3	Sp	
CHM 261/266: General Chemistry I + Lab	4	B	
CHM 262/267: General Chemistry II + Lab	4	B	
Environmental Science Requirements			
EVS 206/207: Intro to Environmental Science + Lab	4	B	
GEO 100/101: Introduction to Geology + Lab	4	B	
PHY 201: Astronomy: Stars & Galaxies	3	B	
Mathematics Requirements			
MTH 147: Statistical Concepts with Applications	3	B	
MTH 181: Calculus I	4	B	
MTH 182: Calculus II	4	B	
MTH 281: Multivariable Calculus	4	B	

Summary of Credits

Professional Education: 27
 Licensure Requirements: 69
 Total: 96

 Evaluator's Signature

 Date