

College of Education and Human Services
CSUteach STEM - Integrated Mathematics + single field Physics, Grades 7-12
Bachelor of Science in Mathematics, minor Physics, education license

Student Name _____

CSU ID # _____

PROFESSIONAL EDUCATION				
	Credits	Gen Ed	Sem	
General Education Courses Required for Licensure				
PSY 221: Adolescent Psychology	3	SS	B	
EDC 200: Diversity in Educational Settings	3	DIV	B	
Foundations				
EUT 201: Step 1: Inquiry Approaches to Teaching	1		B	
EDB 242: Introduction to Education	3		Sp	
Professional Courses				
EUT 210: Perspectives on Science and Mathematics	3	A&H WAC	Sp	
MTH 201: Functions and Modeling	3		Sp	
SCI 311: Research Methods	3	WAC	Fa	
EDB 302: Psychological Foundations of Education	3	WAC	Fa	
EUT 305: Classroom Interactions	3		Sp	
EDL 305: Reading in the Content Area	3		Fa	
ESE 400: Introduction to Special Education	3	WAC	B	
EUT 415: Project-based Instruction in Mathematics	3		Fa	
EUT 417: 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 & EST 399; 75% Major Field courses; 2.75 Cum GPA; 2.50 Major Field GPA; 3.0 Prof GPA)	6		Sp	

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

CSUteach Admission Requirements to Teacher Licensure Programs

Apply for admission to the College of Education & Human Services via an intake interview with an Education advisor, JH 170, at least one semester in advance of desired entrance. Prior to the intake interview, you must have achieved or completed all of the following:

1. Completion of 30 credit hours of college-level course work
2. Earn a grade of B- or higher in BOTH a college-level english composition course AND a college-level mathematics course. Evidence of competency may be also met with specific ACT, SAT, or Praxis scores. See advisor for details.
3. Have an overall UG GPA of 2.75. Course work taken at other institutions is counted in calculating your GPA until you have completed 12 or more credit hours at CSU, after which only the CSU GPA is considered.
4. Completion of a Civilian Background Check for both BCI and FBI
5. Students MUST be accepted into licensure program and maintain at least a 2.75 cumulative GPA to be eligible for 300-400 level professional education courses.

**This program enables a candidate to obtain two separate licenses in the State of Ohio. Students are required to take both methods courses (EUT 415 and 417) and candidates will have a split experience (physics and mathematics) but will complete one edTPA.*

The following Pearson OAE exams must be taken prior to student teaching and passed before you can apply for the Integrated Mathematics and single field Physics licenses. You must designate CSU as your education preparation institution each time you register for the OAE as CSU will need to have a copy on file to approve your on-line license application. Go to <http://www.ohnesinc.com> for more information about the OAE and to register for the exams.

Test	Code	Length	Passing Score
Assessment of Professional Knowledge: Adolescent to Young Adult	003	3 hrs	220
Integrated Mathematics	027	4hr 15 min	220
Physics	035	4hr 15 min	220

Candidates seeking licensure are required to satisfy additional portfolio requirements (See <https://www.esuohio.edu/cehs/epportfolio/hot-topics-taskstream-resources/>)

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

400 level Electives - does not include MTH 421, MTH 431, MTH 435, MTH 436 or MTH 46

Summary of Credits

Professional Education	44
Other General Education Courses (not all listed)	16
Major Field Requirement	77
Total	137

Evaluator's Signature _____

Date _____