

Cleveland State University - College of Education and Human Services
CSUteach STEM - Integrated Mathematics, Grades 7-12
Bachelor of Arts or Science in Mathematics, 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	
PROFESSIONAL EDUCATION				
Foundations				
EUT 201: Step 1 Inquiry Approaches to Teaching	1		B	
EDB 312: Introduction to Education	3		Sp	
Professional Courses				
EUT 210: Perspectives on Science and Mathematics	3	A&H WAC	Sp	
MTH 301: 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	
EEL 315: Reading in the Content Area	3		Fa	
FLT 415: Project-based Instruction in Mathematics	3		Fa	
*EST 399: CSUteach STEM Apprentice Teaching I	1		Fa	
ESE 400: Introduction to Special Education	3	WAC	B	
Culminating Experience				
*EST 499: CSUteach STEM Apprentice Teaching II (Prereq: EUT 315, 75% Major Field courses, 2.75 Cum GPA, 2.50 Major Field GPA, 3.0 Prof. GPA)	6		Sp	

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

SCI 311 counts towards required science credits in BS degree

CSUteach Admission Requirements to Teacher Licensure Programs

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.

The following Pearson OAE exams must be taken prior to student teaching and passed before you can apply for the Integrated Mathematics (7-12) license. 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.oh.nesinc.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	3 hrs	220

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

Content Requirements				
	Credits	Gen Ed	Sem	
Mathematics Requirements				
MTH 181: Calculus	4	M/Q L	B	
MTH 182: Calculus II	4	M/Q L	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	

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

Science Course Requirements

BA in Mathematics: There are no requirements in addition to the CSU science course requirements.

BS in Mathematics: must complete a minimum of 19 science credits chosen from one or any combination of the following fields: biology, geology, environmental sciences, chemistry, physics, and computer and information science, or from the courses MTH 347, MTH 421, MTH 431, MTH 435, MTH 436, MTH 467. These credits must be numbered 200 or above and must include PHY 241 (or PHY 243) and PHY 242 (or PHY 244). The allowed courses in computer and information science for meeting this requirement are those that satisfy CIS major-field requirements (excluding CIS 306).

	Summary of Credits: BA	BS
Professional Education	41	41
General Education Courses (not listed)	23	16
Additional Science Requirements	0	19
General Electives	9	3
Major Field Requirement	47	47
Total	120	126

Evaluator's Signature _____

Date _____