

Cleveland State University
College of Education and Human Services
CSUteach Program
Integrated Mathematics (BA or BS in Mathematics, minor in Education) Grades 7-12
Undergraduate

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).

[^]SCI 311 counts towards required science credits in BS degree

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	4h15min	220

Content Requirements			
Mathematics Requirements	Credits	Sem.	√
MTH 181: Calculus	4	B	
MTH 182: Calculus II	4	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	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:	36	36
General Education Courses (not listed):	23	16
Additional Science Requirements:	0	19
General Electives:	14	2
Major Field Requirement:	47	47
Total	120	120

Evaluator's Signature _____

Date _____