

[Prereq: EUT 415 & EST 399; 75% Major Field courses; 2.75 Cum GPA; 2.50 Major Field GPA; 3.0 Prof. GPA]		6							
CONTENT REQUIREMENTS <input type="checkbox"/>									
Mathematics Requirements	Credits	Gen. Ed	√	Sem.	Course Sub Name	University	Term/Year	Credits	Degree Audit
MTH 181: Calculus	4	M/QL							
MTH 182: Calculus II	4	M/QL							
MTH 220: Discrete Mathematics	3								
MTH 281: Multivariable Calculus	4								
MTH 286: Differential Equations	3								
MTH 288: Linear Algebra	3								
MTH 301: Intro to Number Theory	3								
STA 323: Statistical Methods	3								
MTH 333: Geometry	3								
MTH 358: Abstract Algebra	3								
MTH 396: Junior Seminar	2								
STA 424: Probability & Mathematical Statistics	3								
MTH 496: Senior Project	3	CAP							
MTH 4xx Elective**	3								
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^ASCI 311 counts towards required science credits in BS degree

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

** MTH 401, 415, 416, 420, 432, 434, 458, 482, 487, 491, 493

Summary of Credits			BA	BS	Science Course Requirements
Professional Education:	41		41		BA in Mathematics: There are no requirements in addition to the CSU science course requirements. BS in Mathematics: must complete a minimum of 19 ^a 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).
General Education Courses (not listed):	23		16		
Additional Science Requirements:	0		19		
Free Electives:	9		3		
Major Field Requirement:	47		47		
Total	120		126		
Evaluator's Signature			Date		

The following Pearson OAE exams must be taken prior to student teaching and passed before you can apply for the Integrated Math (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	Length	Passing Score	Code
Assessment of Professional Knowledge (APK): Adolescent to Young Adult* <input type="checkbox"/>	3 hrs	220	003
Integrated Mathematics <input type="checkbox"/>	3 hrs	220	027

*A score of 37 on the EdTPA can serve as a substitute for the APK test requirement (ask your advisor for more information)

Candidates seeking licensure are required to satisfy additional portfolio requirements (See <https://cepa.csuohio.edu/eportfolio/taskstream-resources>).

STUDENT FOLLOW UP NOTES



College of Education
& Human Services

