

Cleveland State University - College of Education and Human Services
CSUteach STEM - Integrated Science (Chemistry) Grades 7-12
Bachelor of Science in Chemistry, education license

Student Name _____

CSU ID # _____

PROFESSIONAL EDUCATION				
	Credits	Gen Ed	Sem.	V
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	
STEM Education Content				
EUT 210: Perspectives on Science and Mathematics	3	ASH WAC	Sp	
SCI 311: Research Methods	3	WAC	Fa	
STEM Education Professional Courses				
EDB 302: Psychological Foundations of Education	3	WAC	Fa	
EUT 305: Classroom Interactions	3		Sp	
EDL 305: Content Area Literacy	3		Fa	
ESE 400: Introduction to Special Education	3	WAC	B	
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, 75% Major Field courses, 2.75 Cum GPA, 2.50 Major Field GPA, 3.0 Prof. GPA]	6		Sp	

Licensure Requirements				
	Credits	Gen Ed	Sem.	V
Chemistry Requirements				
CHM 261 266: General Chemistry I - Lab	4	NS	B	
CHM 262 267: General Chemistry II - Lab	4	NS	B	
CHM 310 315: Survey of Analytical Chemistry - Lab	4		Fa	
CHM 320: Survey of Physical Chemistry	3		Sp	
CHM 331 336: Organic Chemistry I - Lab	5	NS	B	
CHM 332 337: Organic Chemistry II - Lab	5		B	
CHM 402: Biochemistry	3		Fa	
CHM 404: Environmental Chemistry	3		Sp	
CHM 472: Student Colloquium (Capstone)	1	CAP	B	
Physics Requirements				
PHY 221: College Physics I	5	NS	B	
PHY 222: College Physics II	5	NS	B	
PHY 470: Environmental Physics	3		Fa	
Biology Requirement				
BIO 200 201: Introductory Biology I - Lab	4	NS	B	
BIO 202 203: Introductory to Biology II - Lab	4	NS	B	
BIO 304 305: Population Biology & Ecology - Lab	4		Sp	
Environmental Science Requirement				
EVS 206: Introduction to Environmental Science - Lab	3	NS	B	
GEO 100 101: Introduction to Geology - Lab	4	NS	B	
PHY 201: Astronomy: Stars & Galaxies	3	NS	B	
Mathematics Requirements				
MTH 147: Statistical Concepts with Applications	3	MQL	B	
MTH 181: Calculus I	4	MQL	B	
MTH 182: Calculus II	4	MQL	B	

*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.

** These are guidelines only. Please confirm with department for semester offered

Summary of Credits

Professional Education	38
General Education Courses (not listed)	14
Major Field Requirement	78
Total	130

Evaluator's Signature _____

Date _____

The following Pearson OAE exams must be taken prior to student teaching and passed before you can apply for the Spanish (PK-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.ah.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 Science	024	3 hrs	220