

B.A. IN EDUCATION, CHEMISTRY (9-12)

Code	Title	Credits
Major in Education, Chemistry (9-12) (B.A.)		
CHE 113 & CHE 113D	General Chemistry I and General Chemistry I Lab	4
CHE 200	Laboratory Safety and Chemical Hygiene	1
CHE 214 & CHE 215	General Chemistry II and General Chemistry II Lab	4
CHE 224 & CHE 225	Organic Chemistry I and Organic Chemistry I Lab	4
CHE 226 & CHE 227	Organic Chemistry II and Organic Chemistry II Lab	4
CHE 312 & CHE 313	Quantitative Analysis and Quantitative Analysis Lab	4
CHE 344 & CHE 345	Thermodynamics, Kinetics, and Statistical Mechanics and Thermodynamics, Kinetics, and Statistical Mechanics Lab	4
CHE 395	Chemistry Seminar: Research and Professional Development	1
CHE 490	Chemistry Seminar: Research	2
CHE 494	Chemistry Seminar: Research Presentation	1
EDU 200 & EDU 201	Introduction to Education and Introduction to Education Field Experience	4
EDU 203	School Health and Drugs	2
EDU 220	Introduction to Middle Level Education	3
EDU 276 & EDU 241	Educational Psychology and Educational Psychology Field Experience	5
EDU 317GZ	Educational Equity	4
EDU 320 & EDU 321	Pedagogy and the Young Adolescent Learner and Integrated Literacy in the Content Areas	3
EDU 429	Science Education Field Experience in Grades 5-8 or 5-12	1
EDU 492 & EDU 495	Student Teaching Grades K-12 and 5-12 and Student Teaching Seminar: K-12 and 5-12 Education Students ¹	14
EDUC 672	Science 5-12 Teaching Methods ²	4
MAT 124M	Calculus 1	4
MAT 125	Calculus 2	4
Choose one of the following course sequences:		8
PHY 202 & PHY 202D & PHY 206 & PHY 207	Introductory Physics I and Introductory Physics I Lab and Introductory Physics II and Introductory Physics II Lab	
PHY 292 & PHY 292D & PHY 296 & PHY 297	General Physics I and General Physics I Lab and General Physics II and General Physics II Lab	

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Code	Title	Credits
Major		85
General Education		36-44
Electives		0-1
Total Credits		122-129

¹ EDU 408, EDU 412, EDU 418, or EDU 433 is a prerequisite for EDU 492.

² TEAC 524 and TEAC 526 are prerequisites for this course.

Courses whose number is followed by a letter fulfill a General Education requirement.