

COLLEGE OF EDUCATION
REQUIREMENTS FOR
SECONDARY EDUCATION: CHEMISTRY

FALL 2026-SPRING 2027
120 credits
Plan code: EP_SEDC_BA

Student: _____ Advisor: _____
Student ID: _____ Requirement: _____
Date Prepared: _____ Expected Date of Graduation: _____

ABOUT THE BACHELOR OF ARTS IN SECONDARY EDUCATION – CHEMISTRY:

The Secondary Education program offers a BA from the College of Education with a double major in the College of Arts and Sciences. Certification is also available in **General Science**. A specific list of major requirements for each teaching certification in Secondary Education grades 6-12 is available at our website at <http://web.uri.edu/education/programs/secondary/>.

STEP 1:

Major Requirements

Course	Title	Comp.	Credits	Grade
Students need to complete the following requirements prior to beginning the Professional Course Sequence in fall of Year 3: 2.75 GPA (2.5 for conditional admission), 24 credits, and completion of basic competencies of reading, writing, and math (EDC 280, 281, 282 or minimum SAT/ACT/Praxis I CORE scores).				
EDC 280	Teacher Prog Prep - Math		1	
EDC 281	Teacher Prog Prep - Reading		1	
EDC 282	Teacher Prog Prep - Writing		1	
URI 101	Planning for Acad. Success		1	
EDC 102* OR EDC 102H*	Intro Amer Education (B4)(C3)		3	
EDC 250	Spvd. Preprofessional Field Exp.		1	
EDC 312*	Psychology of Learn (A2)(B4)		3	
Fall Year 3				
EDC 331	Clinical Exp. for Sec. Ed. I		1	
EDC 371	Educational Measurements		3	
EDC 400†	MS Curriculum Asmt & Methods		3	
Spring Year 3				
EDC 332	Clinical Exp. for Sec. Ed. II		1	
EDC 402	Educ. of Special Needs Students		3	
EDC 448	Literacy Prac. for Content Subjs.		3	
Fall Year 4				
EDC 415	Adolescents & Classroom Mgt		3	
EDC 430	Methods & Materials in Sec. Ed		3	
EDC 431	Clinical Exp. for Sec. Education		3	
Spring Year 4				
EDC 484	Practical Teaching Residency II		12	
EDC 485*	Seminar in Teaching (D1)		3	

†Required when pursuing a Middle Level Certification Extension

Students in all programs must maintain minimum grade point averages of 2.50 overall, 2.50 in their education major, and 2.50 in their academic major area. To be eligible for Residency, students must earn a grade of at least a C in EDC 430 and 448

Chemistry

Course	Semester	Credits	Grade
CHM 101/102		4	
CHM 112/114		4	
OR			
CHM 191		5	
CHM 192		5	
AND			
CHM 226		2	
CHM 227		3	
CHM 228		3	
OR			
CHM 291		3	
CHM 292		5	
AND			
CHM 212		4	
CHM 335		2	
CHM 431		3	
CHM 432		3	
Select one: CHM 401, 412, 427, 441			
CHM			
One year of Mathematics			
MTH 141		4	
MTH 142		4	
One year of Physics			
PHY 111/185		4	
PHY 112/186		4	
OR			
PHY 203/204		4	
PHY 204/274		4	

Student: _____ Advisor: _____

GENERAL EDUCATION GUIDELINES: General education is 40 credits. Each of the 12 outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one general education outcome, but cannot be double counted towards the 40-credit total. At least one course must be a Grand Challenge (G). No more than 12 credits can have the same course code (note: HPR courses may have more than 12 credits). General education courses may also be used to meet requirements of the major or minor when appropriate

STEP 2:

General Education Credit Count				
At least 40 credits, no more than 12 credits with the same course code.				
Course	Cr.		Course	Cr.
			Total Gen Ed credits	40

STEP 3:

General Education Outcome Audit	
	Course
KNOWLEDGE	
A1. STEM	
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
COMPETENCIES	
B1. Write effectively	
B2. Communicate effectively	
B3. Mathematical, statistical, or computational strategies	
B4. Information literacy	
RESPONSIBILITIES	
C1. Civic knowledge & responsibilities	
C2. Global responsibilities	
C3. Diversity and Inclusion	
INTEGRATE & APPLY	
D1. Ability to synthesize	
GRAND CHALLENGE	
G. Check that at least one course of your 40 credits is an approved "G" course	

SEE OPPOSITE SIDE FOR PROGRAM REQUIREMENTS

NOTE: This worksheet sheet is a snapshot of your entire curriculum. You must work with your advisor each term to discuss requirements to keep you on course for timely progress to complete this major. Official requirements for graduation are listed in the University Catalog.

Bachelor of Arts
Secondary Education

For course descriptions and pre-requisite information, please visit: uri.edu/catalog

Fall	Spring	Summer	Milestones
Year One			
URI 101 EDC 102 MTH 141 Gen Ed Gen Ed Gen Ed	EDC 250 (or Fall Yr. 2) MTH 142 Gen Ed Gen Ed Gen Ed Gen Ed	EDC 102 EDC 312	Overall GPA 2.75*
			Complete URI 101
			Declare double major
			Meet with Academic Advisor
			Complete 30 credits
Year Two			
EDC 250 (or Spr Yr. 1) EDC 312 Gen Ed	Gen Ed Gen Ed	Summer option only w/advisor permission.	Overall GPA 2.75; Content GPA 2.5*
			Meet with Academic Advisor
			Complete 60 credits
Year Three			
EDC 331 EDC 371 EDC 400*	EDC 332 EDC 402 EDC 448		Overall GPA 2.5; Content GPA 2.5*
			Meet with Academic Advisors (EDC & Content)
			Schedule Praxis II Exams (or other licensure exam) (per program requirements)*
total credits	total credits		Complete 90 credits
Year Four			
EDC 415 EDC 430 EDC 431	EDC 484 EDC 485		Overall GPA 2.5, Content GPA 2.5*
			Complete Praxis II Exams (or other licensure exam) by deadline*
			Meet with Academic Advisors (EDC & Content)
			Complete Intent to Graduate forms by Oct 15
			Complete 120 credits
total credits	total credits		

Note: This plan is not intended to be prescriptive. Credits in transfer, as well as summer or j-term coursework, may result in deviations from the above recommendations.

*Review current College of Education Professional Course Sequence admission requirements on our website: <http://web.uri.edu/education>