

**COLLEGE OF EDUCATION**  
**REQUIREMENTS FOR**  
**SECONDARY EDUCATION: CHEMISTRY**

FALL 2025-SPRING 2026  
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 Environmental and Life Sciences (CELS). The CELS major requires a minimum of 30 credit hours. Certification is also available in **General Science**. A specific list of CELS major requirements for each teaching certification in Secondary Education grades 7-12 is available at our website at <http://web.uri.edu/education/programs/secondary/>.

**STEP 1:**

**Major Requirements**

Course	Semester	Credits	Grade
URI 101		1	
EDC 102		3	
EDC 250		1	
EDC 312		3	
EDC 331		1	
EDC 332		1	
EDC 371		3	
EDC 400†		3	
EDC 402		3	
EDC 415		3	
EDC 430		3	
EDC 431		3	
EDC 448		3	
EDC 484		12	
EDC 485		3	

†Required when pursuing a Middle School Certification Extension

EDC 102, 250, 312, 331, 332, 371, 402, 415, 430, 431, AND 448. THESE COURSES ARE TAKEN PRIOR TO STUDENT TEACHING (EDC 484 AND 485).

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 student teaching, 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.
			<b>Total Gen Ed credits</b>	<b>40</b>

**STEP 3:**

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

**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](http://uri.edu/catalog)

Fall	Spring	Summer	Milestones
<b>Year One</b>			
URI 101	EDC 280 (or Fall Yr. 2)	EDC 102	Overall GPA 2.75*
EDC 102	EDC 250 (or Fall Yr. 2)	EDC 312	Complete URI 101
MTH 141	MTH 142		Consider double major
Gen Ed	Gen Ed		Meet with Academic Advisor
Gen Ed	Gen Ed		
Gen Ed	Gen Ed		
			Complete 30 credits
<b>Year Two</b>			
EDC 250 (or Spr Yr. 1)		Summer option only w/advisor permission.	Overall GPA 2.75; Content GPA 2.5*
EDC 280 (or Spr Yr. 1)			Declare double major
EDC 312			Meet with Academic Advisor
	Gen Ed		
Gen Ed	Gen Ed		
			Complete 60 credits
<b>Year Three</b>			
EDC 331	EDC 332		Overall GPA 2.5; Content GPA 2.5*
EDC 371	EDC 402		Meet with Academic Advisors (EDC & Content)
EDC 400*	EDC 448		Attend Student Teaching Info Session
			Schedule Praxis II Exams (or other licensure exam) (per prgm requirements)*
			Complete Student Teaching Application
total credits	total credits		Complete 90 credits
<b>Year Four</b>			
EDC 415	EDC 484		Overall GPA 2.5, Content GPA 2.5*
EDC 430	EDC 485		Complete Praxis II Exams (or other licensure exam) by deadline*
			Meet with Academic Advisors (EDC & Content)
EDC 431			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 admission and program requirements on our website: <http://web.uri.edu/education>