

**ABOUT THE CHEMISTRY BA DEGREE:**

The BA program in Chemistry is designed to provide the student flexibility in the breadth of courses taken across the University while also providing a firm foundation in Chemistry.

**STEP 1:**

**Major Requirements:**

Course	Semester	Credits	Grade
CHM 191		5	
CHM 192		5	
<b>OR</b>			
CHM 101/102		4	
CHM 112/114		4	

**AND**

CHM 212		4	
CHM 335		2	
CHM 431		3	
CHM 432		3	
CHM 401, 412, 427, OR 441		3	

**AND**

CHM 226		2	
CHM 227		3	
CHM 228		3	
<b>OR</b>			
CHM 291		3	
CHM 292		5	

**AND**

MTH 141		4	
MTH 142		4	

**AND**

PHY 111/185		4	
PHY 112/186		4	
<b>OR</b>			
PHY 203/273		4	
PHY 204/274		4	

**42 credits at the 300-level or higher**  
(major and general education courses may fulfill this requirement)

Course	Credits	Course	Credits

**Free elective credits**  
(to meet the 120 credits required for graduation):

Course	Credits	Course	Credits

**Please note: Both major and cumulative GPA must be 2.00 or higher in order to graduate.**

**GENERAL EDUCATION GUIDELINES:** General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve 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
<b>KNOWLEDGE</b>	
A1. STEM	
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
<b>COMPETENCIES</b>	
B1. Write effectively	
B2. Communicate effectively	
B3. Mathematical, statistical, or computational strategies	
B4. Information literacy	
<b>RESPONSIBILITIES</b>	
C1. Civic knowledge & responsibilities	
C2. Global responsibilities	
C3. Diversity and Inclusion	
<b>INTEGRATE &amp; APPLY</b>	
D1. Ability to synthesize	
<b>GRAND CHALLENGE</b>	
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.

**Please note: Both major and cumulative GPA must be 2.00 or higher in order to graduate.**

## B.A Chemistry (2018-2019 Catalog)

Requirements by Type  
*please see reverse for requirements by year*

For course titles and pre-requisite information, please visit: [uri.edu/catalog](http://uri.edu/catalog)

Fall	Spring	Milestones
<b>Year One</b>		
MTH 141 (Gen Ed)	MTH 142	Overall GPA 2.00
CHM 191 or 101/102	CHM 192 or 112/114	Complete URI 101
Gen Ed	Gen Ed	Complete 30cr (or consider summer/J-term courses)
Gen Ed	Gen Ed	Complete MTH and CHM courses with a C- or better
Gen Ed		Meet with Advisor for credit check
URI 101		Move from UC to College of Arts & Sciences (Complete 24 credits and overall GPA 2.00)
(15-17 cr total)	(14-15 cr total)	

<b>Year Two</b>		
PHY 203/273 or 111/185 (Gen Ed)	PHY 204/274 or 112/186	Overall GPA 2.00
CHM 212	CHM 292 or 226/228	Consider Minor area of study or second major
CHM 227 or 291	Gen Ed	Complete MTH 141 and 142
Gen Ed	Gen Ed	Complete CHM 101/102 or 191 and CHM 112/114 or 192
Gen Ed	(15 cr total)	Complete MTH and CHM courses with a C- or better
(15 cr total)		Complete 60cr
		Meet with advisor for Upper-level credit check (42 credits at 300-level or higher)

<b>Year Three</b>		
CHM 335	CHM 432	Overall GPA 2.00
CHM 431	Upper-level elective	Declare and complete minor area of study (optional)
Gen Ed	Upper-level elective	Declare second major (optional)
Upper-level elective	Upper-level elective	Complete 90cr
Gen Ed	Elective	Complete CHM courses with a C- or better
Gen Ed	(15 cr total)	Meet with advisor
(17-18 cr total)		

<b>Year Four</b>		
CHM 401,412,427, or 441	Upper-level elective	Overall GPA 2.00
Upper-level elective	Upper-level elective	Complete 120cr
Upper-level elective	Upper-level elective	Meet with advisor to complete intent to graduate form by Oct. 1
Upper-level elective	Upper-level elective	
Elective	Upper-level elective	
(15 cr total)	(15 cr total)	

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.