Chemistry-BA

THE UNIVERSITY OF RHODE ISLANDFALL 2021-SPRING 2022

120 Credits Total31-45 Credits in Major

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:

PHY 204/274

Major Requirements:				
Course	Semester	Credits	Grade	
CHM 191		5		
CHM 192		5		
	OR			
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		
OR				
CHM 291		3		
CHM 292		5		
	AND			
MTH 141		4		
MTH 142		4		
AND				
PHY 111/185		4		
PHY 112/186		4		
	OR		_	
PHY 203/273		4		

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

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120 Credits Total
31-45 Credits in Major

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.

<u>STEP 2:</u>

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

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.

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

B.A Chemistry (2021-2022 Catalog)

Requirements by Type please see reverse for requirements by year

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

Fall	Spring	Milestones	
Year One			
MTH 141 (Gen Ed A1 & B3)	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	
URI 101		Meet with Advisor for credit check	
		Move from UC to College of Arts & Sciences (Complete 24 credits and overall GPA 2.00	
16 total credits	15 total credits		

Year Tv	vo Year Two	
PHY 203/273 (or 111/185)(Gen Ed A1)	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 291 (or 227)	Gen Ed	Complete MTH and CHM courses with
Gen Ed	Gen Ed	a C- or better Meet with advisor for Upper-level credit check (42 credits at 300-level or higher)
Gen Ed	Gen Ed	Complete 60cr
17 total credits	15 total credits	

Year Three Yea Three			
CHM 335 (Pre Req/concurrently CHM 431)	CHM 432	Overall GPA 2.00	
CHM 431	Linner level elective	Declare and complete minor area of	
CHIVI 431	Upper-level elective	study (optional)	
Gen Ed	Upper-level elective	Complete 90cr	
Upper-level elective	Upper-level elective	Declare second major (optional)	
Can Ed	Flactive	Complete CHM courses with a C- or	
Gen Ed	Elective	better	
Gen Ed		Meet with advisor	
17 total credits	15 total credits		

Υ	ear Four Year Four	
CHM 401,412,427, or 441	Upper-level elective	Overall GPA 2.00
Upper-level elective	Upper-level elective	Complete 120cr
		Meet with advisor to complete intent to
Upper-level elective	Upper-level elective	graduate form by Oct. 1
Upper-level elective	Upper-level elective	
Elective	Upper-level elective	
15 total credits	15 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.