

2027 Academic Planning Form: CHEMISTRY/SECONDARY EDUCATION B.A.

5/17/2023

1st course(s) recommended for Chemistry/Secondary Education- CHM 121

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits
1st Year	DWC 101 (4 credit hrs; Honors 5 credit hrs)	4	DWC 102 (4 credit hrs; Honors 5 credits hrs)	4	
	MTH 131 Calc & Analytical Geometry I (Quantitative Reasoning Core)	4	MTH 132 Calc & Analytical Geometry II	4	
	CHM 121 Intro Chemistry I w/ Lab (Natural Science Core)	4	CHM 122 Intro Chemistry II w/ Lab	4	
	Core/Free Elective	3	Core/Free Elective	3	
		15		15	
2nd Year	DWC 201 (4 credit hrs; Honors 5 credit hrs)	4	DWC 202 (4 credit hrs; Honors 5 credits hrs)	4	
	CHM 221 Organic Chemistry I w/ Lab	4	CHM 222 Organic Chemistry II w/ Lab	4	
	EPS 101 General Physics I w/ Lab	4	EPS 102 General Physics II w/ Lab	4	
	EDU 201 Educational Psychology (Social Science Core)	3	EDU 206/206L Principles of Sec. Ed. w/Lab	4	
		15		16	
3rd Year	CHM 331 Adv. Analytical Chemistry I w/ Lab	4	CHM 321 Physical Chemistry I	3	
	CHM 381 Chemistry Seminar (Oral Communication Proficiency)	1	CHM 382 Chemistry Seminar (Oral Communication Proficiency)	2	
	EDU 401/401L Educ. Measurement w/ Lab	4	EDU 303/303L Child w/ Sp. Needs in Reg. Class.	4	
	Core/Free Elective	3	Core/Free Elective	3	
	Core/Free Elective	3	Core/Free Elective	3	
		15		15	
4th Year	CHM 401 Inorganic Chemistry (Intensive Writing II Proficiency)	4	EDU 450 Student Teaching	9	
	CHM 481 Chemistry Seminar (Oral Communication Proficiency)	2	EDU 301 Foundations of Education (Civic Engagement Proficiency)	3	
	EDU 412/412L Teaching Science in Sec. Sch.	4	EDU 449 Classroom Management	1	
	Core/Free Elective	3			
	Science Elective*	3			
		16		13	29
Graduation Requirement includes a minimum of 120 credit hours			Total Program of Study Credits		120

Note: Secondary Education majors have a two step process to declare, including a basic skills test mandated by the RI Department of Education and a cumulative GPA of at least 2.5. For Study Abroad - fall or spring of the junior year following consultation with department chair and provided one finds equivalent courses.

Core requirements include a foundational component and satisfaction of all proficiencies.

Foundational Component:	Proficiencies:
<ul style="list-style-type: none"> • DWC - 4 semester sequence, 16-20 cr. • Theology (200 & 300 level) - 6 cr. • Philosophy (1 + Ethics) - 6 cr. • Natural Science - 3 cr. (CHM 121, 121L) • Social Science - 3 cr. (EDU 201) • Quantitative Reasoning - 3 cr. (MTH 131 or MTH 132) • Fine Arts - 3 cr. 	<ul style="list-style-type: none"> • Intensive Writing - I • Intensive Writing - II (CHM 401) • Diversity • Civic Engagement (EDU 301) • Oral Proficiency (CHM 381, 382, 481, 482)

Major Requirements (CHME Courses):

- CHM 121-122, 221-222, 321 331, 381, 382, 401, 481, 482
- MTH 131-132
- EPS 101-102
- *Science Elective (Chosen from BIO 103-104 or advanced courses in BIO, CHM, EPS, or MTH excluding Research)
- EDU 201, 206-206L, 301, 303-303L, 401-401L, 412-412L, 449, 450