

Providence College - Chemistry/Secondary Education B.A.
Class of 2029

Core Requirements	Credits
Development of Western Civilization (4)	16
Ethics	3
Philosophy	3
Fine Arts	3
Quantitative Reasoning	MTH 131 (4)
Natural Science	CHM 121 (4)
Social Science	EDU 201 (3)
Theology 200 Level	3
Theology 300 Level	3
Intensive Writing I Proficiency	3
Intensive Writing II Proficiency	3
Oral Communication Proficiency	CHM 381 (1)
Diversity Proficiency	3
Civic Engagement Proficiency	EDU 301 (3)
Free Electives	

Major Requirements	Credits
CHM 121 - Introduction to Chemistry I w/ Lab	4
CHM 122 - Introduction to Chemistry II w/ Lab	4
CHM 221 - Organic Chemistry I w/ Lab	4
CHM 222 - Organic Chemistry II w/ Lab	4
CHM 321 - Physical Chemistry I	3
CHM 331 - Adv. Analytical Chemistry w/ Lab	4
CHM 381 - Chemistry Seminar	1
CHM 382 - Chemistry Seminar	2
CHM 401 - Inorganic Chemistry	4
CHM 481 - Chemistry Seminar	2
MTH 131 - Calc & Analytical Geometry I	4
MTH 132 - Calc & Analytical Geometry II	4
EPS 101 - General Physics I w/ Lab	4
EPS 102 - General Physics II w/ Lab	4
Science Elective	3
EDU 201 - Educational Psychology	3
EDU 206/206L - Principles of Sec. Ed. w/ Lab	4
EDU 301 - Foundations of Education	3
EDU 303/303L - Child w/ Sp. Needs in Reg. Class	4
EDU 401/401L - Education Measurement w/ Lab	4
EDU 412/412L - Teaching Science in Sec. Schools	4
EDU 449 - Classroom Management	1
EDU 450 - Student Teaching	9

Graduation Requirements / Degree Notes
- Students at Providence College must complete 120 credits, which includes both their core and major requirements.
- For Study Abroad - fall or spring of the junior year following consultation and department chair, and provided equivalent courses are found.
- 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.
- Students at PC need a minimum GPA of 2.0 to graduate.

FRESHMAN YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
DWC 101	Development of Western Civilization I	4	DWC 102	Development of Western Civilization II	4
MTH 131	Calc & Analytical Geometry I (Quantitative Reasoning)	4	MTH 132	Calc & Analytical Geometry II	4
CHM 121	Introduction to Chemistry I w/ Lab (Natural Science)	4	CHM 122	Introduction to Chemistry II w/ Lab	4
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3
TOTAL		15	TOTAL		15

SOPHOMORE YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
DWC 201	Development of Western Civilization III	4	DWC 202	Development of Western Civilization IV	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)	3	EDU 206/206L	Principles of Secondary Education w/ Lab	4
TOTAL		15	TOTAL		16

JUNIOR YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
CHM 331	Advanced Analytical Chemistry I w/ Lab	4	CHM 321	Physical Chemistry I	3
CHM 381	Chemistry Seminar (Oral Communication)	1	CHM 382	Chemistry Seminar	2
EDU 401/401L	Education Measurement w/ Lab	4	EDU 303/303L	Child w/ Special Needs in Regular Class	4
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3
	CORE / FREE ELECTIVE	3		CORE / FREE ELECTIVE	3
TOTAL		15	TOTAL		15

SENIOR YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
CHM 401	Inorganic Chemistry	4	EDU 450	Student Teaching	9
CHM 481	Chemistry Seminar	2	EDU 301	Found. of Education (Civic Engagement)	3
EDU 412/412L	Teaching Science in Secondary Schools	4	EDU 449	Classroom Management	1
	CORE / FREE ELECTIVE	3			
	Science Elective	3			
TOTAL		16			13
TOTAL PROGRAM OF STUDY CREDITS					120