

Providence College - Physics / 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 101 (4)
Social Science	3
Theology 200 Level	3
Theology 300 Level	3
Intensive Writing I Proficiency	3
Intensive Writing II Proficiency	EPS 202 (4)
Oral Communication Proficiency	EPS 201 (4)
Diversity Proficiency	3
Civic Engagement Proficiency	EDU 301 (3)
Free Electives	

Major Requirements	Credits
EPS 101 - General Physics I w/ Lab	4
EPS 102 - General Physics II w/ Lab	4
EPS 131 - Intro to Engineering	1
EPS 201 - Intro to Modern Physics w/ Lab	4
EPS 202 - Electronics w/ Lab	4
EPS 221 - Scientific Programming	3
EPS 301 - Mechanics	3
EPS 401 - Classical Dynamics	3
EPS 430 - Thermodynamics	3
MTH 131 - Calc & Analytical Geometry I	4
MTH 132 - Calc & Analytical Geometry II	4
MTH 223 - Calc & Analytical Geometry III	4
MTH 304 - Differential Equations	3
MTH 318 - Topics in Applied Math	3
CHM 101 - General Chemistry I w/ Lab	4
CHM 102 - General Chemistry II w/ Lab	4
EDU 201 - Educational Psychology	3
EDU 206/206L - Principles of Secondary Ed.	4
EDU 301 - Foundations of Education	3
EDU 303/303L - Child w/ Sp. Needs in Reg. Class	4
EDU 401/401L - Educational Measurement	4
EDU 412/412L - Teaching Science in Sec. School	4
EDU 449 - Classroom Management	1
EDU 450 - Student Teaching in Secondary School	9

Graduation Requirements / Degree Notes

- Students at Providence College must complete 120 credits, which includes both their core and major requirements.
- Students at PC need a minimum GPA of 2.0 to graduate.
- PHYE major fulfill the Quantitative Reasoning and Natural Science Cores, as well as the Intensive Writing II, Oral Communication, and Civic Engagement Proficiencies.
- EPS 401 is offered in Fall only.
- EDU 412 is offered in Fall of even years only.
- Secondary education majors have a two-step process to declare, including a basic skills test or completion of a 1-credit course mandated by the RI Department of Education.

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 Geom. I (Quant. Reasoning)	4	MTH 132	Calc & Analytical Geometry II	4
EPS 101	General Physics w/ Lab	4	EPS 102	General Physics II w/ Lab	4
EPS 131	Intro to Engineering	1		CORE	3
	CORE	3		CORE	3
TOTAL		16	TOTAL		18

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
MTH 223	Calc & Analytical Geometry III	4	MTH 304	Differential Equations	3
EPS 201	Intro to Modern Physics w/ Lab (Oral Communication)	4	EPS 301	Mechanics	3
EDU 201	Educational Psychology	3	EDU 206/206L	Principles of Secondary Education w/ Lab	4
	CORE	3		CORE	4
TOTAL		18	TOTAL		18

JUNIOR YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
MTH 318	Topics in Applied Math	3	EPS 202	Electronics w/ Lab (Intensive Writing II)	4
EPS 221	Scientific Programming	3	EPS 430	Thermodynamics	3
CHM 101	General Chemistry I w/ Lab (Natural Science)	4	CHM 102	General Chemistry II w/ Lab	4
EDU 401/401L	Educational Measurement w/ Lab	4	EDU 303/303L	Child w/ Special Needs in Reg Class w/ Lab	4
	CORE	3		CORE / FREE ELECTIVE	3
TOTAL		17	TOTAL		18

SENIOR YEAR					
FALL			SPRING		
Course #	Class	Credits	Course #	Class	Credits
EPS 401	Classical Dynamics	3	EDU 450	Student Teaching in Secondary School	9
EDU 412/412L	Teaching Science in Sec. Schools w/ Lab	4	EDU 301	Found. of Education (Civic Engagement)	3
	CORE/ FREE ELECTIVE	3	EDU 449	Classroom Management	1
	CORE/ FREE ELECTIVE	3			
	CORE / FREE ELECTIVE	3			
TOTAL		16			13
TOTAL PROGRAM OF STUDY CREDITS					29
					134