

# Physics - Concentration B: Professional (BS) Four-Year Plan

## Physics, Concentration B: Professional - Bachelor of Science 2020-21 Four-Year Plan

### Freshman

First Term	Hours	Second Term	Hours
ENGL 110C (Grade of C or better required)	3	ENGL 211C or ENGL 231C (Grade of C or better required)	3
MATH 211	4	MATH 212	4
CS 150	4	Human Creativity	3
Elective or Language & Culture I (May be waived; See requirement details)	3	Human Behavior	3
		Elective or Language & Culture II (May be waived; See requirement details)	3
	14		16

### Sophomore

First Term	Hours	Second Term	Hours
CHEM 121N and CHEM 122N	4	CHEM 123N and CHEM 124N	4
PHYS 261N	4	PHYS 262N	4
MATH 312 or MATH 285	4	MATH 307 or MATH 280	3
Information Literacy and Research: CS 120G or CS 121G or OEAS 130G	3	Interpreting the Past	3
	15		14

### Junior

First Term	Hours	Second Term	Hours
PHYS 303	3	PHYS 413	3
PHYS 323	3	PHYS 454	3
PHYS 319	3	PHYS 452	3
PHYS 355	3	MATH 316 or MATH 401 or MATH 421 or MATH 422	3
PHYS 120 or PHYS 309	1	Impact of Technology	3
Philosophy and Ethics	3		
	16		15

### Senior

First Term	Hours	Second Term	Hours
PHYS 425	3	Select two of the following: PHYS 313 or PHYS 411 or PHYS 415 or PHYS 416 or PHYS 417*	6
PHYS 420 or PHYS 453 or PHYS 456	3	Literature	3
PHYS 499W or PHYS 489W and PHYS 490W (Grade of C or better required)	3	Upper-Division General Education Course (Option D)	3
Oral Communication	3	Elective*	3
Upper-Division General Education Course (Option D)	3		
	15		15

Total credit hours: 120

\*This is a suggested curriculum plan to complete this degree program in four years. Please consult information in this Catalog, Degree Works, and your academic advisor for more specific information on course requirements for this degree.