

Physics BS schedules:

Begins with math placement in Math 108 - Trigonometry

First Year: Fall

CHEM 105X - General Chemistry I	4	
ENGL 111X - Intro to Academic Writing	3	
LS 101- Library Info and Research	1	
MATH 108 - Trigonometry	3	
PHYS 113 - Concepts of Physics	1	
Core Perspectives (1 of 6)	3	15

Second Year: Fall

ENGL 211X or 213X	3	
MATH 201X - Calculus II	4	
PHYS 211X - General Physics I	4	
Core Perspectives (3 of 6)	3	
Core Perspectives (4 of 6)	3	17

Third Year: Fall

MATH 302 - Differential Equations	3	
PHYS 311- Mechanics	4	
PHYS 331- Electricity and Magnetism	3	
PHYS 381- Physics Laboratory	3	13

Fourth Year: Fall

MATH 421 (or other 300+ level math elective)	4	
PHYS 313- Thermodynamics and Statistical Phys	4	
PHYS 411- Modern Physics	4	
PHYS 462- Geometrical and Physical Optics	4	16

First Year: Spring

CHEM 106X - General Chemistry II	4	
Comm 131X/141X	3	
MATH 200X - Calculus I	4	
Core Perspectives (2 of 6)	3	14

Second Year: Spring

MATH 202X - Calculus III	4	
MATH 314 (or other 300+ level math elective)	3	
PHYS 212X - General Physics II	4	
PHYS 213X - Elem. Modern Physics	4	15

Third Year: Spring

PHYS 312- Mechanics	4	
PHYS 332- Electricity and Magnetism	3	
PHYS 382- Physics Laboratory	3	
Core Perspectives (5 of 6)	3	13

Fourth Year: Spring

MATH 422 (or other 300+ level math elective)	4	
PHYS 412- Modern Physics	4	
PHYS 445- Solid St. Physics and Phys Elect	4	
Core Perspectives (6 of 6)	3	15

This totals 118 credits. Suggested electives for a total of 130 credits:

PHYS 220 (4)	CS 201 (3)	CS 202 (3)	MATH 305 (3)
MATH 308 (3)	MATH 310 (3)	MATH 412 (3)	ENGL 314 (3)

Begins with math placement in Math 200X - Calculus I

First Year: Fall

CHEM 105X - General Chemistry I	4	
ENGL 111X - Intro to Academic Writing	3	
LS 101- Library Info and Research	1	
MATH 200X - Calculus I	4	
PHYS 113 - Concepts of Physics	1	13

Second Year: Fall

ENGL 211X or 213X	3	
MATH 202X - Calculus III	4	
PHYS 212X - General Physics II	4	
Core Perspectives (1 of 6)	3	
Core Perspectives (2 of 6)	3	17

Third Year: Fall

MATH 421 (or other 300+ level math elective)	4	
PHYS 311- Mechanics	4	
PHYS 331- Electricity and Magnetism	3	
PHYS 381- Physics Laboratory	3	14

Fourth Year: Fall

PHYS 313- Thermodynamics and Statistical Phys	4	
PHYS 411- Modern Physics	4	
PHYS 462- Geometrical and Physical Optics	4	
Core Perspectives (5 of 6)	3	15

First Year: Spring

CHEM 106X - General Chemistry II	3	
Comm 131X/141X	3	
MATH 201X - Calculus II	4	
PHYS 211X - General Physics I	4	15

Second Year: Spring

MATH 302 - Differential Equations	3	
MATH 314 (or other 300+ level math elective)	3	
PHYS 213X - Elem. Modern Physics	4	
Core Perspectives (3 of 6)	3	
Core Perspectives (4 of 6)	3	16

Third Year: Spring

MATH 422 (or other 300+ level math elective)	4	
PHYS 312- Mechanics	4	
PHYS 332- Electricity and Magnetism	3	
PHYS 382- Physics Laboratory	3	14

Fourth Year: Spring

PHYS 412- Modern Physics	4	
PHYS 445- Solid St. Physics and Phys Elect	4	
PHYS 488- Undergraduate Research	1-3	
Core Perspectives (6 of 6)	3	12-14

This totals 116-118 credits. Suggested electives for a total of 130 credits:

PHYS 220 (4)	CS 201 (3)	CS 202 (3)	MATH 305 (3)
MATH 308 (3)	MATH 310 (3)	MATH 412 (3)	ENGL 314 (3)