

Possible Physics BS¹ 4-Year Course Schedule

Fall Year 1

PHYS 130: General Physics I ²	4
PHYS 132: General Physics Review	0
MATH 110: Calculus I ³	4
FYSN 100: First-Year Seminar	3
CSIS 200: Software Tools for Physicists	3

Spring Year 1

PHYS 140: General Physics II	4
PHYS 142: General Physics Review	0
MATH 120: Calculus II	4
FYSN 101: First-Year Seminar	3

Fall Year 2

PHYS 220: Modern Physics ⁴	4
SCDV 230: Electronic Instrumentation	4
MATH 210: Calculus III	4
Arts Core (CDA)	3

Spring Year 2

PHYS 260: Thermal Physics	3
PHYS 250: Computational Physics	3
MATH 325: Differential Equations	3
English Core (CDE)	3
Franciscan Diversity Core (CFD)	3

Fall Year 3

PHYS 310: Mechanics I	4
MATH 330: Intro to Applied Math I	3
History Core (CDH)	3
CHEM 110: General Chemistry I	4

Spring Year 3

PHYS 410: Electromagnetic Theory	4
MATH 230: Linear Algebra ⁵	3
Philosophy Core (CDP)	3
PHYS 370: Experimental Techniques	2
or PHYS 380: Observational Astronomy	3
or Minor in Astrophysics	

Fall Year 4

PHYS 470: Advanced Lab I	1
PHYS 440: Quantum Physics	3
Religion Core (CDR)	3
Heritage Franciscan Core (CFH)	3

Spring Year 4

PHYS 472: Advanced Lab II	1
Physics Elective	3
Social Science Core (CDS)	3
Social Justice Franciscan Core (CFJ)	3

¹A minimum of 120 credit-hours is required to graduate (average 15 credit-hours per semester).

²General Physics satisfies your Natural Science core (CDN).

⁴Calculus satisfies your Quantitative core (CDQ).

⁴Modern Physics satisfies your Natural World Franciscan core (CFN).

⁵This sixth math class gives you a Mathematics Minor (which must be declared).