



University of Montana - Four-Year Academic Plan 2019-2020
College of Humanities and Sciences
Bachelor of Arts in Physics

This is an example of a four year graduation plan for a degree in Physics.

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1	Year 2	Year 3	Year 4
Fall	Fall	Fall	Fall
PHSX 215N/216N - Fund of Physics w/Calc I /Lab 5	PHSX 311 - Oscillations & Wave 3	PHSX 461 - Quantum Mechanics I 3	PHSX 323 - Intermediate Physics Lab 3
M 171 - Calculus I 4	PHSX 343 - Modern Physics 3	PHSX 451 - Elementary Particle Physics 3	PHSX 423 - Electricity & Magnetism I 3
PHSX 101 - Freshman Physics Experience 1	M 273 - Multivariable Calculus 4	M 311 - Ordinary Differential Equations & Systems 3	PHSX 499 - Senior Capstone 1
WRIT 101 - College Writing 3	Elective 6	General Education Requirement 6	General Education Requirement 3
HUSC 194 - H&S Freshman Seminar 1			Physics Major Elective 3
Elective 2			Elective 2
Credits 16	Credits 16	Credits 15	Credit 15
Spring	Spring	Spring	Spring
PHSX 217N/218N - Fund of Physics w/Calc II /Lab 5	PHSX 301 - Intro Theoretical Physics 3	PHSX 462 - Quantum Mechanics II 3	PHSX 425 - Electricity & Magnetism II 3
M 172 - Calculus II 4	PHSX 320 - Classical Mechanics 3	PHSX 330 - Communicating Physics 3	PHSX 444 - Advanced Physics Lab 3
CSCI 135 - Fund of Computer Science I 3	M 221 - Introduction to Linear Algebra 4	PHSX 446 - Thermodyn & Stat Mech 3	Physics Major Elective 3
General Education Requirement 3	Elective 5	General Education Requirement 6	Elective 6
Credits 15	Credits 15	Credits 15	Credits 15
Summer	Summer	Summer	Summer
Credits 0	Credits 0	Credits 0	Credits 0
Total Credits 31	Total Credits 62	Total Credits 92	Total Credits 122

Notes:

See catalog or Advising Office for more details.