

Physics

Department Information

- **Department Web Site:**
www.ndsu.edu/physics/ (<http://www.ndsu.edu/physics/>)
- **Credential Offered:**
B.S.; B.A.; Minor
- **Official Program Curriculum:**
catalog.ndsu.edu/undergraduate/program-curriculum/physics/ (<http://catalog.ndsu.edu/undergraduate/program-curriculum/physics/>)

Sample Program Guide

IMPORTANT DISCLAIMER: This guide is not an official curriculum. This guide is a sample four-year degree plan of how students might plan this major with other degree requirements to complete their education in four years. Student plans will vary from this sample due to a variety of factors, such as, but not limited to, start year, education goals, transfer credit, and course availability. To ensure proper degree completion, enrolled students should utilize Degree Map (<https://www.ndsu.edu/registrar/degreemap/>) and Schedule Planner (<https://www.ndsu.edu/onestop/degree-map-and-planning/>) in Campus Connection and consult regularly with academic advisors to ensure graduation requirements are being met.

Freshman			
Fall	Credits	Spring	Credits
PHYS 171		1 PHYS 251 & 251L	5
MATH 165 ¹		4 MATH 129 or 329	3
CHEM 150 & CHEM 160		4 MATH 166	4
ENGL 110 or 120 (based on placement)		3 CHEM 151 & CHEM 161	4
Gen Ed Wellness		2	
		14	16
Sophomore			
Fall	Credits	Spring	Credits
PHYS 252 & 252L		5 CSCI 161	4
MATH 265		4 PHYS 350	3
CSCI 160		4 MATH 266	3
Free Elective		3 COMM 110	3
		Gen Ed Humanities & Fine Arts/ Global Perspectives	3
		16	16
Junior			
Fall	Credits	Spring	Credits
PHYS 355		3 PHYS 370	3
PHYS 360		3 PHYS 361	3
MATH 270 (or MATH 4XX Elective)		3 Gen Ed Upper Division Writing	3
Free elective		3 MATH 4XX Elective	3
Free Elective		3 Gen Ed Humanities & Fine Arts	3
		15	15
Senior			
Fall	Credits	Spring	Credits
PHYS 462		3 PHYS 489	2

PHYS 485	3 PHYS 481	3
PHYS 411 & 411L	4 PHYS 486	3
PHYS 488	1 Physics Elective	3
Gen Ed Social and Behavioral Science	3 Gen Ed Social and Behavioral Science/Cultural Diversity	3
14		14

Total Credits: 120**1**

Students who place into a math course lower than MATH 165 may need to extend their time to degree completion by up to a year.