

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: A Sample Program Guide provides an unofficial guide of program requirements and should be used by prospective students who are considering attending NDSU in the future. It is NOT an official curriculum and should NOT be used by current NDSU students for official degree planning purposes. Note that the official curriculum used by current NDSU students can vary from the Sample Program Guide due to a variety of factors such as, but not limited to, start year, education goals, transfer credit, and course availability.

To ensure proper program 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 their academic advisor to ensure 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
Wellness Gen Ed		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
		Humanities/Fine Arts & Global Perspectives Gen Ed	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 Upper Division Writing Gen Ed	3
Free elective		3 MATH 4XX Elective	3
Free Elective		3 Humanities/Fine Arts Gen Ed	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
Social and Behavioral Science Gen Ed		3 Social and Behavioral Science & Cultural Diversity Gen Ed	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.