

MAJOR IN PHYSICS

Code	Title	Credits
Required Physics Courses (39 Credits)		
PHY201		3
PHY211		1
PHY202		3
PHY212		1
PHY305		3
PHY306		3
PHY307		3
PHY308		3
PHY309		3
PHY310		1
PHY313		3
PHY322		3
PHY331		3
PHY422		3
PHY491		3
Required Cognate Courses (26 Credits)		
CHE201		3
CHE211		1
CHE202		3
CHE212		1
MAT251		4
MAT252		4
MAT353		4
MAT341		3
MAT342		3
Total Credits		65

This **eight-semester plan** (see important details (<http://catalog.newpaltz.edu/undergraduate/additional-information-about-8-semester-plans>)) is intended to guide a first-year student through a four-year undergraduate career, with completion of an academic major and all college-wide degree requirements. The plan is designed as an **advising tool** – a starting point for careful discussions between a student and his/her academic adviser. In consultation, the student and adviser will adjust the plan to accommodate the student's prerequisite needs, transferred credits, and other such variables.

Students are responsible for reviewing their Progress Reports (<https://www3.newpaltz.edu/progressreports>) each semester to track their own progress toward degree requirements.

Course	Title	Credits
Year 1		
Fall		
Gen Ed: Composition (COMP)		3
MAT251		4
CHE201		3
CHE211		1
Gen Ed: Humanities (HUM)		3
Credits		14

Spring		
Gen Ed: Composition (COMP)		3
MAT252		4
CHE202		3
CHE212		1
PHY201		3
PHY211		1
Credits		15

Year 2		
Fall		
MAT341		3
MAT353		4
PHY202		3
PHY212		1
Gen Ed: Foreign Languages (FLNG)		3
Credits		14

Spring		
MAT342		3
PHY306	1	3
PHY308	1	3
PHY310		1
Gen Ed: Foreign Languages (FLNG)		3
Gen Ed: Diversity (DIVR)		3
Credits		16

Year 3		
Fall		
PHY307		3
PHY331		3
CPS210	2	4
Gen Ed: Social Sciences (SSCI)		3
Gen Ed: United States Studies (USST)		3
Credits		16

Spring		
PHY322		3
PHY309		3
Gen Ed: Foreign Languages (FLNG)		3
Gen Ed: Western Civilization (WEST)		3
Gen Ed: The Arts (ART)		3
Credits		15

Year 4		
Fall		
PHY305		3
PHY313	3	3
Gen Ed: World Civilizations and Cultures (WRLD)		3
Gen Ed: Writing Intensive (WI)		3
Elective		3
Credits		15

Spring		
PHY491		3-6
PHY422		3
Elective		4
Elective		3

2 *Major in Physics*

Elective	3
Credits	16-19
Total Credits	121-124

¹ PHY306 Mechanics I and PHY308 Modern Physics I are offered only in the spring.

² CPS210 Computer Science I is suggested for students who have no programming experience.

³ PHY313 Electricity & Magnetism is offered every third semester.