

Physics (B.S.)

2015-2016 catalog



Student Name: _____ ID Number: _____

Major Requirements

Term Completed/Planned	Grade	Credit	✓	Course #	Title
_____	_____	4	<input type="checkbox"/>	PHY121	General Physics I (NSM-L)
_____	_____	4	<input type="checkbox"/>	PHY122	General Physics II (NSM-L)
_____	_____	4	<input type="checkbox"/>	PHY245	Modern Physics
_____	_____	4	<input type="checkbox"/>	PHY261	Electronics
_____	_____	4	<input type="checkbox"/>	PHY351	Mechanics I
_____	_____	4	<input type="checkbox"/>	PHY352	Mechanics II
_____	_____	4	<input type="checkbox"/>	PHY362	Electromagnetic Fields I
_____	_____	4	<input type="checkbox"/>	PHY363	Electromagnetic Fields II
_____	_____	2	<input type="checkbox"/>	PHY395	Comprehensive Laboratory I
_____	_____	2	<input type="checkbox"/>	PHY396	Comprehensive Laboratory II
_____	_____	4	<input type="checkbox"/>	PHY486	Quantum Physics
_____	_____	4	<input type="checkbox"/>	CHM115	General Chemistry I (NSM-L)
_____	_____	4	<input type="checkbox"/>	CHM116	General Chemistry II (NSM_L)
_____	_____	4	<input type="checkbox"/>	MAT145	Calculus I (NSM)
_____	_____	4	<input type="checkbox"/>	MAT146	Calculus II (NSM)
_____	_____	4	<input type="checkbox"/>	MAT245	Calculus III

Complete **one (1)** of PHY327 or MAT369

_____	_____	4	<input type="checkbox"/>	PHY327	Special Functions of Mathematical Physics
_____	_____	4	<input type="checkbox"/>	MAT369	Modeling and Differential Equations in Biological and Natural Sciences

Complete **one (1)** elective course above PHY122, chosen from:

_____	_____	4	<input type="checkbox"/>	PHY299	Directed Study
_____	_____	4	<input type="checkbox"/>	PHY317	Biophysics
_____	_____	4	<input type="checkbox"/>	PHY320	Introduction to Space Science
_____	_____	4	<input type="checkbox"/>	PHY327	Special Functions of Mathematical Physics
_____	_____	4	<input type="checkbox"/>	PHY399	Internship
_____	_____	4	<input type="checkbox"/>	PHY420	Plasma Physics
_____	_____	4	<input type="checkbox"/>	PHY430	Introduction to Solid State Physics
_____	_____	4	<input type="checkbox"/>	PHY499	Independent Study

Complete **one (1)** Speaking skill

_____	_____	4	<input type="checkbox"/>	COM115	Scientific and Technical Public Speaking (HUM)
_____	_____	4	<input type="checkbox"/>	HON130	Liberating Letters (HUM)

Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

Student Signature _____ Date _____

Faculty Adviser Signature _____ Date _____

Student and faculty signature are required for submission with the Intent to Graduate form.