

Physics (B.A.)

2017-2018 catalog

Student Name: _____ **ID Number:** _____

Major Requirements

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	4	PHY121	General Physics I (NSM-L)
_____	_____	4	PHY122	General Physics II (NSM-L)
_____	_____	4	PHY245	Modern Physics
_____	_____	4	PHY351	Mechanics I
_____	_____	4	PHY362	Electromagnetic Fields I
_____	_____	4	PHY363	Electromagnetic Fields II
_____	_____	2	PHY395	Comprehensive Laboratory I
_____	_____	2	PHY396	Comprehensive Laboratory II
_____	_____	4	MAT145	Calculus I (NSM)
_____	_____	4	MAT146	Calculus II (NSM)
_____	_____	4	MAT245	Calculus III

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

_____	_____	4	PHY327	Special Functions of Mathematical Physics
_____	_____	4	MAT369	Modeling and Differential Equations in Biological and Natural Sciences

Complete **two (2)** elective courses above PHY122, chosen from:

_____	_____	4	PHY261	Electronics
_____	_____	4	PHY299	Directed Study
_____	_____	4	PHY317	Biophysics
_____	_____	4	PHY320	Introduction to Space Science
_____	_____	4	PHY327	Special Functions of Mathematical Physics
_____	_____	4	PHY352	Mechanics II
_____	_____	4	PHY399	Internship
_____	_____	4	PHY420	Plasma Physics
_____	_____	4	PHY430	Introduction to Solid State Physics
_____	_____	4	PHY486	Quantum Physics
_____	_____	4	PHY499	Independent Study

Complete **one (1)** Speaking skill course, chosen from:

_____	_____	4	COM111	Public Speaking (HUM)
_____	_____	4	COM115	Scientific and Technical Public Speaking (HUM)
_____	_____	2	MAT201	Communicating Mathematics
_____	_____	4	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

Advisor Signature

Date

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