

Physics: Space Physics (B.S.)

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	PHY261	Electronics
_____	_____	4	PHY320	Introduction to Space Science
_____	_____	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	PHY420	Plasma Physics
_____	_____	5	CHM115 & 115L:	General Chemistry I (NSM-L)
_____	_____	5	CHM116 & 116L:	General Chemistry II (NSM_L)
_____	_____	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) courses chosen from:				
_____	_____	4	PHY317	Biophysics
_____	_____	4	PHY352	Mechanics II
_____	_____	4	PHY430	Introduction to Solid State Physics
_____	_____	4	PHY486	Quantum Physics
Complete one (1) Speaking skill				
_____	_____	4	COM115	Scientific and Technical Public Speaking (HUM)
_____	_____	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.