

Planetary Science Major

Degree Audit

2020-2021 to 2021-2022

Requirements	Hours	Hours Complete and Grade	Hours in Progress	Hours Needed
Geology (24 hours)				
GEOL 111: Physical Geology	4			
GEOL 112: Historical Geology	4			
GEOL 203: Mineralogy & Optical Mineralogy	4			
GEOL 302: Structural Geology	3			
GEOL 304: Introduction to GIS Mapping & Analysis	3			
GEOL 313: Sedimentation & Stratigraphy	3			
Physics (20 credits)				
ASTR 105: Introduction to Astronomy	4			
ASTR 205: Life in the Universe	3			
ASTR 306: Astrophysics	3			
PHYS 221: General Physics I	4			
PHYS 222: General Physics II	4			
PHYS 331: Experimental Physics	2			
Math & Computing Science (11 credits)				
CSCI 115: Computer Programming	3			
MATH 125: Calculus I	4			
MATH 224: Calculus II	4			
Chemistry (4 credits)				
CHEM 131: General Chemistry I AND	3			
CHEM133: General Chemistry I Lab	1			
Junior Core:				
GEOL 301: Igneous & Metamorphic Petrology	4			
Choose ONE Capstone:				
Geology				
GEOL 411: Directed Research	2			
GEOL 412: Directed Research Writing	2			
OR				
Physics				
PHYS 391: Physics Research Seminar	1			
PHYS 491: Physics Research I	2			
PHYS 492: Physics Research II	2			
Strongly suggested additional courses:				
CSCI 116: Computer Programming II	3			
GEOL 201: Earth Resources	3			
Other suggested courses:				
GEOL 306: Demo Field Trip	3			
CHEM 132, 134: General Chemistry II	4			
ASTR 305: Big Bang and Beyond	3			
PHYS 321: Modern Physics	3			
GIS 305: Interm. Geographic Information Systems	3			

Each major must include at least 18 hours of 300-400 level credit that are not applied toward any additional majors.

Last Updated: 08/28/22