

**PROGRAM COURSE CHECKLIST****B. S. GEOSCIENCES - PLANETARY SCIENCE**

		<b>Credits</b>	<b>Semester Taken</b>
<b>Core Block – All courses required (35 credits).</b>			
51.106	The Planets*	3	
51.120	Physical Geology*	3	
51.121	Physical Geology Lab	1	
51.130	Historical Geology	3	
51.131	Historical Geology Lab	1	
51.255	Meteorology	3	
51.259	Oceanography	3	
51.265	Geomorphology	4	
51.320	Remote Sensing of the Earth	3	
51.420	Planetary Science	4	
51.493	Senior Research in Geosciences	3	
<b>Choose one of the following:</b>			
51.260	Earth Materials	4	
51.262	Petrology	4	
<b>Mathematics – two courses are required.</b>			
53.141	Introduction to Statistics*	3	
53.123	Essentials of Calculus	3	
<b>or</b>			
53.125	Calculus 1	4	
<b>Chemistry – both courses are required:</b>			
52.115	Chemistry for the Sciences 1*	4	
52.116	Chemistry for the Sciences 2	4	
<b>Physics – two courses are required.</b>			
54.111	Introductory Physics I*	4	
54.112	Introductory Physics II	4	
<b>or</b>			
54.211	General Physics I*	4	
54.212	General Physics II	4	

\*These courses may be used to fulfill General Education requirements.

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In addition to meeting major requirements and earning 120 credits, each student must successfully complete courses in the following sections to the University's General Education Program in order to graduate.

		<b>Credits</b>	<b>Semester Taken</b>
<b>Specific Course Requirements</b>			
<b>Communication (9 credits)</b>			
20.101	Composition 1	3	
<b>Quantitative-Analytical Reasoning (3 credits)</b>			
53.141	Introduction to Statistics	3	
<b>Values, Ethics, and Responsible Decision Making (3 credits)</b>			
		3	
<b>Fitness &amp; Recreational Skills (2 credits)</b>			
		1	
		1	
<b>Distribution Course Requirements</b>			
Group A – Humanities and the Arts (12 credits from three departments)			
		3	
		3	
		3	
		3	
Group B – Social and Behavioral Sciences (12 credits from three departments)			
		3	
		3	
		3	
		3	
Group C – Natural Sciences and Mathematics (12 credits from three departments)			
51.106	The Planets	3	
51.120	Physical Geology	3	
52.115	Chemistry for the Sciences 1	4	
54.111	Introductory Physics I (or 54.211)	4	
<b>Cultural Diversity Requirement (6 credits)</b>			
		3	
		3	