Solid Earth & Planetary Sciences (SEP) Major		
Requirement	**Credit Hours**	**Course(s)**
Wellness	2	APPH 1040 or APPH 1050 or APPH 1060
Institutional Priority	3	CS 1301 **or** CS 1371
Mathematics & Quantitative Skills	4	MATH 1552
Political Science & U.S. History	3	HIST 2111 **or** HIST 2112 **or** INTA 1200 **or** POL 1101 **or** PUBP 3000
Art, Humanities, and Ethics	6	Choose from institute approved Humanities courses
Communicating in Writing	3	ENGL 1101
	3	ENGL 1102
Technology, Mathematics, and Sciences	4	PHYS 2211
	4	CHEM 1211K
	2	MATH 1551
	2	MATH 1553 or MATH 1554 or MATH 1564
Social Sciences	9	Choose from institute approved Humanities courses
Field of Study	4	PHYS 2212
	4	MATH 2551
	4	MATH 2552
	4	EAS 1601
	4	EAS 2600
Major Requirements	3	EAS 2655
	3	EAS 3603
	3	EAS 3610
	3	EAS 4370
	4	EAS 4200 or EAS 4205
	1	EAS 4101
	7	**Must choose 7 credits:** EAS 4490 **or** EAS 4420, EAS 4610, GaTech Research Option
SEP Technical Electives	12	Choose 12 credits from list of approved courses below
Upper-Level Electives	6	Choose 6 credits from courses that are 3000 level or above
Free Electives	15	
TOTAL:	**122**	**Pass/fail allowed only for Humanities, Social Sciences, and Free Electives.* ** GT1000 is recommended under Free Electives* ** 39 hours out of total 122 must be at 3000 level or above*

SEP Electives

Other courses may be Technical Electives if approved by the ENVS advisor.

EAS 4200: Structural Geology

EAS 4205 Geomorphology

EAS 4312 Geodynamics

EAS 4314 Seismology

EAS 4316 Earthquake Physics

EAS 4375 Earth & Planetary Materials

EAS 4380 Land Remote Sensing

EAS 4420 Environmental Field Methods

EAS 4360 Space Physics and Space Instrumentation

EAS 4480 Environmental Data Analysis

EAS 4520 Exploration Seismology

EAS 4610 Earth System Modelling

EAS 4651 Practical Internship[1]

EAS 4699 Undergraduate Research[1]

EAS 4803: Special Topics:

e.g. Earth Evolution, Ice Sheet Dynamics, Geologic History

1. *6 hours of research and/or internship can count towards SEP technical electives*