

GEOSCIENCES (CLIMATE CHANGE & SOCIETY), B.S.

Requirements for a Concentration in Climate Change & Society

Code	Title	Hours
Concentration Requirements		
Thirteen semester hours from the following:		13
GEO 3435	Invertebrate Paleontology	
GEO 4322	Global Biogeochemical Cycles	
GEO 4340	Geomorphology	
GEO 4341	Introduction to Hydrology	
GEO 4346	Hydrogeology	
GEO 4381	Paleoclimatology	
GEO 4383	Climate Change and Society I	
GEO 4384	Monsoon Climatology and Paleoclimatology	
GEO 4386	Remote Sensing	
GEO 4388	Earth System Science	
GEO 4429	Organic Geochemistry	
GEO 4485	Introduction to Geographic Information Systems	
GEO 4300 or GEO 4302 or GEO 4303	Senior Thesis Mentored Research Experience Internship	
No more than six hours from:		
ANT 3301	Science, Society, and Culture	
ANT 4321	Climate Anthropology	
BIO 3303	Ecology	
BIO 3320	Climate Change Biology	
BIO 4310	Biogeography	
ENV 3300	The Environment and Political Processes	
ENV 3314	Introduction to Environmental Health	
HIS 4388	American Environmental History	
Subtotal		13
Required Courses in Other Fields		
MTH 1321	Calculus I	3
MTH 1322 or STA 2381	Calculus II Introductory Statistical Methods	3
Sixteen semester hours from the following:		16
BIO 1303	Human Ecology: Our Place in Nature	
BIO 1305 & BIO 1105	Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory	
BIO 1306 & BIO 1106	Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory	
CHE 1301 & CHE 1101	Basic Principles of Modern Chemistry I and General Chemistry Laboratory I	
CHE 1302 & CHE 1102	Basic Principles of Modern Chemistry II and General Chemistry Laboratory II	

PHY 1408	General Physics for Natural and Behavioral Sciences I	
PHY 1409	General Physics for Natural and Behavioral Sciences II	
PHY 1420	General Physics I	
PHY 1430	General Physics II	
No more than four hours from the following:		
ANT 1404	Introduction to Human Evolution	
ANT 1407	Introduction to Archaeology	
AVS 1313	Introduction to Meteorology	
BUS 2222	Introduction to Energy Commerce	
CSI 1430	Introduction to Computer Science I with Laboratory	
ENV 1301 & ENV 1101	Exploring Environmental Issues and An Introduction to Environmental Analysis (Lab)	
Total Hours		35