

STUDENT ADVISING SHEET: BA Earth Sciences

ADVISOR: _____ DATE: _____

STUDENT NAME: _____

STUDENT INTERESTS: _____

CONTACT INFO: _____

BA IN EARTH SCIENCES (Total units = 52): designed for students who plan to teach earth and planetary sciences (high school level) or who desire an interdisciplinary geoscience degree that will prepare them for careers in areas where a science background would be useful (e.g., environmental law and policy, environmental non-government organizations)

Basic Science and Math Foundation		<i>Semester</i>
CHEM 115	General Chemistry I: Essential Concepts of Chemistry (5)	ALL
PHYS 111/112 <i>or</i> PHYS 220/222	General Physics I/Laboratory (3/1) <i>or</i> General Physics with Calculus I/ Laboratory (3/1)	ALL
GEOL 125 <i>or</i> MATH 226	Quantitative Geology (4) <i>or</i> Calculus I (4)	SPRING /ALL
Chemistry, physics, or mathematics elective (may not be a course designed primarily to satisfy General Education requirements)		ALL
<i>Basic science and math foundation total: 16</i>		
Earth Sciences Foundation		
GEOL 110	Physical Geology (4)	ALL
GEOL 115	Earth and Life through Time (4)	SPRING
GEOL 120	Introduction to Geologic Techniques (2)	FALL
OCN 200	Physical Processes in the Ocean (3)	FALL
METR 201	Physical Processes in the Atmosphere (3)	SPR
GEOL/METR/ OCN 405	Planetary Climate Change (4)	FALL/SP
<i>Earth sciences foundation total: 20</i>		
Earth Sciences Electives: <i>minimum 16 units of geology, meteorology, and/or oceanography courses (400 or higher) organized around a coherent theme (see advisor)</i>		