

**EARTH SCIENCE AND GEOLOGY**

*Assistant Professors—Jeffrey Myers, Stephen Taylor, Jeffrey Templeton.*

<b>Earth Science Major .....</b>	<b>71-72</b>
G 201, 202, 203 Geology .....	12
Choose one of the following sequences .....	12
BI 101, 102, 103 General Biology	
BI 211, 212, 213 Principles of Biology	
PH 201, 202, 203 General Physics	
PH 211, 212, 213 General Physics with Calculus	
Choose an option .....	10
A. CS 162 Computer Science I	
CS 260 Computer Science II	
B. MTH 251 Calculus I	
MTH 252 Calculus II	
G 301 Introductory Field Methods .....	3
G 321 Structural Geology .....	3
G 322 Geomorphology and Aerial Photo Interpretation .....	3
G 392 Sedimentary Geology .....	3
G 407 Senior Seminar .....	1
G 450 Introduction to Petrology .....	3
G 453 Geology of the Pacific Northwest .....	3
G 473 Environmental Geology .....	3
G 407 Senior Seminar .....	1
Choose two .....	6
GS 331 Introduction to Oceanography	
GS 351 Elements of Astronomy	
GS 390 Basic Meteorology	
Choose two .....	6
G 431 Paleobiology	
G 440 Fossils of Oregon	
G 454 Volcanology	
G 460 Geology of Mineral and Energy Resources	
G 476 Hydrology	
G 492 GIS Applications in Earth Science	
Choose one (or other approved Earth Science elective) .....	3-4
BI 357 General Ecology	
BI 370 Environmental Science	
CH 310 Geochemistry	
CH 371 Environmental Chemistry	
GS 342 Coastal Oceanography	
GS 424 Astronomy	
GEOG 393 Soils Geography	
GEOG 490 Climatology	

*Note: The sequence CH 221, 222, 223 is to be completed as the LACC Laboratory Science requirement. The BS requires CS 161, MTH 112, and MTH 243. The BA requires CS 161, MTH 112, and completion of the third term of the second year of a foreign language course. The BS and BA require completion of the Cultural and Writing Intensive requirements. For this major, 3 hours of Writing Intensive course work should come from WR 321.*