

EARTH SCIENCE

Associate Professors - Jeffrey Myers, Stephen Taylor, Jeffrey Templeton.

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| Earth Science Major | 74-75 |
| ES 201, 202, 203 Principles of 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 161 Computer Science I (5) | |
| CS 162 Computer Science II (5) | |
| B. MTH 251 Calculus I (5) | |
| MTH 252 Calculus II (5) | |
| ES 301, 302, 303 GeoTechniques | 3 |
| ES 321 Structural Geology | 4 |
| ES 322 Geomorphology and Aerial Photo Interpretation | 4 |
| ES 392 Sedimentary Geology..... | 4 |
| ES 407 Senior Seminar..... | 1 |
| ES 450 Introduction to Petrology | 4 |
| ES 453 Geology of the Pacific Northwest..... | 4 |
| ES 473 Environmental Geology | 4 |
| Choose one course in the area of Earth System Science | 3 |
| ES 331 Introduction to Oceanography | |
| ES 390 Basic Meteorology | |
| GS 351 Elements of Astronomy | |
| Choose one course in the area of Sedimentology/Paleobiology..... | 3-4 |
| ES 431 Paleobiology (4) | |
| ES 491 Stratigraphy and Depositional Systems (3) | |
| Choose one course in the area of Volcanology/Petrology | 3 |
| ES 454 Volcanology | |
| ES 460 Energy and Mineral Resources | |
| Choose one course in the area of Environmental Geology/Surface Processes..... | 3 |
| ES 476 Hydrology | |
| ES 492 GIS Applications in Earth Science | |

Note: The sequence CH 104, 221, 222 is to be completed as the LACC Laboratory Science requirement. The B.S. requires CS 160, MTH 112, and MTH 243. The B.A. requires CS 160, MTH 112, and completion of the third term of the second year of a foreign language course. The B.S. and B.A. require completion of the Cultural and Writing Intensive requirements. For this major, 3 hours of writing intensive course work should come from WR 321.