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| **BACHELOR OF SCIENCE IN GEOSCIENCE WITH AN EMPHASIS IN GEOLOGY** | | | | | | | | | |  | |  | |  | |  | |  | |  | |
| **REQUIRED CORE COURSES:** | | | | | | | | | |  | |  | |  | |  | |  | |  | |
| Course | Title | | | Credits | | Prerequisites | | Offered | Taking When |  | |  | |  | |  | |  | |  | |
| GEO 1110 | INTRO TO EARTH SYSTEMS | | | 3 | | N/A | | FALL/SPRING |  |  | |  | |  | |  | |  | |  | |
| GEO 1115 | INTRO TO EARTH SYSTEMS LAB | | | 1 | | N/A | | FALL/SPRING |  |  | |  | |  | |  | |  | |  | |
| GEO 3010 | GEOPHYSICS (QI) | | | 3 | | MATH 1220, GEO 3080, PHYS 2220 | | SPRING |  |  | |  | |  | |  | |  | |  | |
| GEO 3060 | STRUCTURAL GEOLOGY AND TECTONICS | | | 3 | | GEO 1110, MATH 1060 | | FALL/SPRING |  |  | |  | |  | |  | |  | |  | |
| GEO 3080 | EARTH MATERIALS I (QI) | | | 4 | | CHEM 1210 | | FALL/SPRING |  |  | |  | |  | |  | |  | |  | |
| GEO 3090 | EARTH MATERIALS II | | | 3 | | GEO 1110, 3080, MATH 1210 | | FALL/SPRING |  |  | |  | |  | |  | |  | |  | |
| GEO 4500 | FIELD METHODS (CW) | | | 3 | | GEO 1110, 3060, 3080, 3090, 5760 | | SPRING |  |  | |  | |  | |  | |  | |  | |
| GEO 4510  GEO 4520 | FIELD GEOLOGY (1st half)  FIELD GEOLOGY (2nd half) | | | 2  2 | | GEO 4500  GEO 4500 & 4510 | | SUMMER |  |  | |  | |  | |  | |  | |  | |
| GEO 5760 | STRATIGRAPHY AND SEDIMENTARY PROCESSES | | | 4 | | GEO 3090, 3060 | | FALL |  |  | |  | |  | |  | |  | |  | |
| **ALLIED SCIENCES COMPLETE 9 COURSES** | | | | | | | | | |  | |  | |  | |  | |  | |  | |
| Course | | Title | Credits | | Prerequisites | | Offered | | Taking When |  | |  | |  | |  | |  | |  | |
| CHEM 1210 | | GENERAL CHEMISTRY I | 4 | | CHEM 1200 OR MATH 1050, 1080, 1210, 1220, 1250, 1260, 1310, 1320 | | ALL | |  |  | |  | |  | |  | |  | |  | |
| CHEM 1215 | | GENERAL CHEMISTRY I LAB | 1 | | CHEM 1210 OR 1211 | | ALL | |  |  | |  | |  | |  | |  | |  | |
| CHEM 1220 | | GENERAL CHEMISTRY II | 4 | | CHEM 1210 OR 1211 | | ALL | |  |  | |  | |  | |  | |  | |  | |
| CHEM 1225 | | GENERAL CHEMISTRY II LAB | 1 | | CHEM 1070 OR 1215, 1240 | | ALL | |  |  | |  | |  | |  | |  | |  | |
| MATH 1210 | | CALCULUS I | 4 | | MATH 1050 & 1060 OR MATH 1080 | | ALL | |  |  | |  | |  | |  | |  | |  | |
| MATH 1220 | | CALCULUS II | 4 | | MATH 1210 OR 1250, 1270, 1311, 1310 | | ALL | |  |  | |  | |  | |  | |  | |  | |
| MET E 3070  OR  MATH 3070 | | STATISTICAL METHODS IN EARTH SCIENCES AN ENGINEERING (3 CREDITS)  OR APPLIED STATISTICS (4 CREDITS) | 3 OR 4 | | MATH 1220 OR 1250, 1270, 1311, 1320 | | FALL  OR  ALL | |  |  | |  | |  | |  | |  | |  | |
| PHYS 2210 | | PHYSICS FOR SCIENTISTS AND ENGINEERS I | 4 | | MATH 1210 | | ALL | |  |  | |  | |  | |  | |  | |  | |
| PHYS 2220 | | PHYSICS FOR SCIENTISTS AND ENGINEERS II | 4 | | PHYS 2210 AND MATH 1220 | | ALL | |  |  | |  | |  | |  | |  | |  | |
| **EMPHASIS REQUIREMENTS FOR GEOLOGY** | | | | | | | | | |  | |  | |  | |  | |  | |  | |
| Course | Title | | | Credits | | Prerequisites | | Offered | Taking When |  | |  | |  | |  | |  | |  | |
| GEO 1220 | EARTH HISTORY | | | 3 | | GEO 1110, 1115 | | SPRING |  |  | |  | |  | |  | |  | |  | |
| **COMPLETE 9 UPPER DIVISION CREDITS: GEO 3XXX, GEO 4XXX, OR GEO 5XXX** | | | | | | | | | |  | |  | |  | |  | |  | |  | |
| Course | Title | | | Credits | | Prerequisites | | Offered | Taking When |  | |  | |  | |  | |  | |  | |
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| **COMPLETE 12 DEGREE PROGRAM ELECTIVE CREDIT HOURS: ANY UPPER DIVISION COURSE IN THE COLLEGE OF MINES & EARTH SCIENCES, SCIENCE, OR ENGINEERING, OR OTHER UPPER DIVISION BY APPROVAL** | | | | | | | | | | | | | | | | | | | | |
| Course | Title | | | Credits | | Prerequisites | | Offered | Taking When |  | |  | |  | |  | |  | |  | |
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| ***Note: An additional 7 credits of electives must be completed to reach the university’s minimum 122 credit requirement for a Bachelor’s degree.***  **Academic Advisor** | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
| Michelle Tuitupou | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
| michelle.tuitupou@utah.edu | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
| 801-581-6553 | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
| 383 FASB | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
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| **Faculty Advisor** | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
| Prof. Erich Petersen | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
| erich.petersen@utah.edu | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
| 801-581-7238 | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
| 319 FASB | | | |  | |  | |  |  |  | |  | |  | |  | |  | |  | |
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