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| **BACHELOR OF SCIENCE IN EARTH SCIENCE / COMPOSITE TEACHING MAJOR** |  |  |
| THIS MAJOR MEETS STATE REQUIREMENTS FOR ENDORSEMENTS IN EARTH SCIENCE AND OR INTEGRATED SCIENCE |  |  |
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| **REQUIRED EARTH SCIENCE COURSES:** |  |  |
| Course | Title | Credits | Prerequisites | Offered | Taking When |  |  |
| GEO 1110 | INTRODUCTION TO EARTH SYSTEMS | 3 | N/A | FALL/SPRING |  |  |  |
| GEO 1115 | INTRODUCTION TO EARTH SYSTEMS LAB | 1 | N/A | FALL/SPRING |  |  |  |
| GEO 1220 | EARTH HISTORY | 3 | GEO 1110, 1115 | SPRING |  |  |  |
| GEO 3030 | LIVING WITH EARTHQUAKES AND VOLCANOES | 3 | N/A | ALL |  |  |  |
| GEO 3080 | EARTH MATERIALS I | 4 | CHEM 1210 | FALL/SPRING |  |  |  |
| GEO 3090 | EARTH MATERIALS II | 3 | GEO 1110, 3080, MATH 1210 | FALL/SPRING |  |  |  |
| GEO 3250  | GEOLOGY OF UTAH  | 3 | GEO 1110 | FALL |  |  |  |
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| **ALLIED SCIENCE REQUIRED 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 1050 | COLLEGE ALEGBRA | 4 | MATH 1010 OR 1060 OR 1080 OR 1090 | ALL |  |  |  |
| MATH 1070 | INTRO TO STATS | 3 | MATH 1010 OR 1040 OR 1050 OR 1080 OR 1090 | ALL |  |  |  |
| PHYS 2010 | GENERAL PHYSICS I | 4 | MATH 1050, 1060 | ALL |  |  |  |
| PHYS 2015 | GENERAL PHYSICS I LAB | 1 | PHYS 2010 | ALL |  |  |  |
| PHYS 2020 | GENERAL PHYSICS II | 4 | MATH 1050, 1060 | ALL |  |  |  |
| PHYS 2025 | GENERAL PHYSICS II LAB | 1 | PHYS 2010 OR 2110 AND 2015 | ALL |  |  |  |
| ATMOS 1010 | SEVERE & UNUSUAL WEATHER | 3 | N/A | ALL |  |  |  |
| ASTR 1060 OR  ASTR 2060 | THE UNIVERSE  OR POPULAR OBSERVATIONAL ASTRONOMY | 3 | N/AORMATH 1010, PHYS-ASTRO 1050 OR PHYS-ASTRO 1060 | FALL/SPRINGANDFALL |  |  |  |
| ENVST 2050 | INTRO TO ENVIRONMENTAL & SUSTAINABILITY SCIENCE | 4 | N/A | FALL/SPRING |  |  |  |
| EDU 5375 | SCIENCE METHODS | 3 | JUNIOR OR SENIOR STANDING | ALL |  |  |  |
| **DEGREE PROGRAM ELECTIVES COMPLETE 2 COURSES:** |  |  |  |  |  |  |
| Course | Title | Credits | Prerequisites | Offered | Taking When |  |  |
| GEO 1XXX | ELECTIVE I (1000, 1001, 1030, 1040, 1050, 1090) | 3 |   |   |   |  |  |
| GEO 3XXX | ELECTIVE 2 (3010, 3030, 3060, 3070, 3075, 3080, 3090, 3180, 3200, 3250, 3260, 3300, 3400, 3500, 3800, 3980) | 2 OR 3 |   |   |   |  |  |
|  | **TOTAL**  | **5 OR 6** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Secondary Education Teaching License** |  |  |  |  |  |  |
| Students interested in obtaining a secondary education-teaching license must contact the Secondary Education advisor at 581-6818 for information on licensure coursework. A secondary education degree audit report should also be generated based on the year the student was admitted to the University of Utah. |  |  |  |  |  |  |
| **Academic Advisor** |  |  |  |  |  |  |
| Michelle Tuitupou |  |  |  |  |  |  |
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| 383 FASB |  |  |  |  |  |  |
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| **Faculty Advisor** |  |  |  |  |  |  |
| Prof. David Dinter |  |  |  |  |  |  |
| david.dinter@utah.edu |  |  |  |  |  |  |
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