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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 |  |  |  |
|  |  | |  |  | |  |  |  |  |
| **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/A  OR  MATH 1010,  PHYS-ASTRO 1050 OR PHYS-ASTRO 1060 | | FALL/SPRING  AND  FALL |  |  |  |
| 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 | | | |  |  |  |  |  |  |
| [michelle.tuitupou@utah.edu](mailto:mark.a.campbell@utah.edu) | | | |  |  |  |  |  |  |
| 801-581-6553 | | | |  |  |  |  |  |  |
| 383 FASB | | | |  |  |  |  |  |  |
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| **Faculty Advisor** | | | |  |  |  |  |  |  |
| Prof. David Dinter | | | |  |  |  |  |  |  |
| david.dinter@utah.edu | | | |  |  |  |  |  |  |
| 801-581-7937 | | | |  |  |  |  |  |  |
| 321 FASB | | | |  |  |  |  |  |  |