

This example plan of study meets requirements for a BS in Earth Science Teaching and USBE endorsements in Earth Science, Physical Science and Physics. Additional electives can be taken to earn endorsements in Chemistry, Environmental Science, Biology and English as a Second Language. Students should consult with an advisor early to ensure that the appropriate pre-requisite, general education and endorsement courses are taken.

Earth Science

Sample Plan of Study

Fall

Spring

Meet with an advisor in your science major. Check out tutoring resources in the college of science and the writing center Apply for the Teach for Utah scholarship program	Yr 1	Math 1050 College Algebra 4 GEO 1100 Evolving Earth 3 GEO 2500 Wasatch in the Field* 3 EDU 1010 Intro to Education 3 WRTG 2010 Intermediate Writing 3 Total: 16	Math 1060 Trigonometry 3 CHEM 1210 Gen Chem I 4 Chem 1215 Gen Chem I Lab 1 GEO 3030 Living with Earthquakes and Volcanoes (IR) 3 Gen Ed (AI) 3 Total: 14
Become a tutor Volunteer with after school programs, the Bennion Center, or the Natural History Museum Apply to be a Learning Assistant Transfer students apply to the U	Yr 2	MATH 1210 Calculus I 4 CHEM 1220 Gen Chem II 4 CHEM 1225 Gen Chem II Lab 1 GEO 2100 Reactive Earth 3 ETHNC 25XX (HF or BF) 3 Total: 15	PHYS 2010 Gen Physics I 4 PHYS 2015 Gen Physics I Lab 1 ASTRO 1050, 1060, or 4060 3 ECS 2150 Intro to Multi Cultural Education (DV) 3 Gen Ed (FF, HF, or BF) 3 Total: 14
Meet with advisors in Science & Education Apply to teacher licensure program	Yr 3	PHYS 2020 Gen Phys II 4 GEO 3250 Geology of Utah* 3 ATMOS 1010 or 1020 3 EDPS 3721 Adoles Psych (BF) 3 Gen Ed (FF, HF, BF, or CW) 3 Total: 16	BIOL 1620 Fundamentals of Bio II 3 GEO 3100 Dynamic Earth (QI)** 3 Gen Ed (FF, HF, BF, or CW) 3 Elective (suggest EDU 5200) 3 Elective (suggest STEM endorsement course) 3 Total: 15
Finish science major coursework Apply to the MEd program	Yr 4	GEO 1XXX-5XXX Elective 3 ECS 5709 Family Partnerships 3 Gen Ed (FF, HF, BF, or CW) 3 Elective (suggest ED PS 6035) 3 Elective (suggest STEM endorsement course) 3 Elective 2 Total: 17	GEO 3010 Geophysics (QI)** 3 EDU 5170 Sec Sci Methods** 3 Gen Ed (FF, HF, BF, or CW) 3 Elective (suggest SP ED 5012**) 3 Elective (suggest ECS 5645) 3 Total: 15
Complete Teaching Practicum & Student Teaching Apply for graduation & for jobs	Yr 5	ED PS 6151 App of Tech 3 SP ED 6022 Princ Instr Beh Sup 3 ED PS 5-6XXX STEM Instr Elective 3 EDU 6490 Field Practicum 3 EDU 6201 Teaching Practices 1 Elective 3 Total: 16	EDU 6491 Professional Development & Research 3 EDU 6496 Student Teaching 11 Total: 14

* Fall Only
** Spring Only