

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

<p>Meet with an advisor in your science major.</p> <p>Check out tutoring resources in the college of science and the writing center</p> <p>Apply for the Teach for Utah scholarship program</p>	<p>Yr 1</p>	<p>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</p>	<p>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</p>
<p>Become a tutor</p> <p>Volunteer with after school programs, the Bennion Center, or the Natural History Museum</p> <p>Apply to be a Learning Assistant</p> <p>Transfer students apply to the U</p>	<p>Yr 2</p>	<p>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</p>	<p>PHYS 2010 Gen Physics I 4 PHYS 2015 Gen Physics I Lab 1 ASTRO 1050, 1060, or 2060 3 ECS 2150 Intro to Multi Cultural Education (DV) 3 Gen Ed (FF, HF, or BF) 3 Total: 14</p>
<p>Meet with advisors in Science & Education</p> <p>Apply to teacher licensure program</p>	<p>Yr 3</p>	<p>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</p>	<p>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</p>
<p>Finish science major coursework</p> <p>Apply to the MEd program</p>	<p>Yr 4</p>	<p>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</p>	<p>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</p>
<p>Complete Teaching Practicum & Student Teaching</p> <p>Apply for graduation & for jobs</p>	<p>Yr 5</p>	<p>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</p>	<p>EDU 6491 Professional Development & Research 3 EDU 6496 Student Teaching 11 Total: 14</p>

* Fall Only
 ** Spring Only